



Nothing but **HEAVY DUTY.**TM



CATALOGUE 2012/13

To develop and produce “Nothing but HEAVY DUTY™” powertools is only one part of the Milwaukee® promise.

These tools need to last day in and day out. For this reason, serviceability is incorporated into every tool produced.

All powertools leave the factory with a complete documentation package including instructions for use, listing of customer service centres and safety instructions.

Milwaukee® has a worldwide service network. Should a problem arise requiring assistance or support at short notice, you can rely on our service centres/agents worldwide.

The global network ensures that our customers’ needs and requirements are shared to influence future product development.

Expertise and competence gained over many years ensures a fast and efficient professional repair service.

Experience the Heavy Duty difference

Tools built to do the job better.

At Milwaukee®, Heavy Duty is more than just a slogan. It is a promise to offer the best to professional users. Milwaukee® engineers don’t just design tools. They design tools to get the job done better, faster, reliably and safely.



EC - Declaration of Milwaukee® conformity

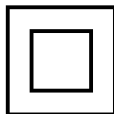
Milwaukee® products offered in this catalogue are in accordance to the directives 73/23 EEC and 89/332 EEC covered by EN 60335 for battery charges, absorption systems and EN 60745 for all other tools.

Suppression of interference

All tools are interference suppressed according to EU directives 89/336/EEC covered by EN 55014 and EN 60555.

Tool weight

Tool weight in catalogue according to VDE Standard 0740 section 1000.



Double insulation

Milwaukee® electric powertools have been insulated according to EN 60745.

Heavy Duty customer support

Part of the Heavy Duty commitment of Milwaukee® is availability. Our range of Heavy Duty powertools is available through quality tool distributors world wide. If service is ever needed, you can count on our over 1500 authorized service centers worldwide.

Voltage

All product article numbers mentioned in this catalogue refer to 240 V models.



TOTAL POWER

Heavy Duty Warranty:

www.milwaukeetool.com



From 1 year to 3 years: Milwaukee® Offers a 3 Year warranty

Every Milwaukee® tool is tested according to a comprehensive certified process before leaving the factory and is warranted to be “Nothing but HEAVY DUTY™” qualified.

At Milwaukee® we take great pride in the products and services we offer to our professional customers.

With this in mind we are pleased to offer additional protection by extending our warranty conditions to 3 years.

This service is available to you at no cost if you register your new Milwaukee® power tool within 30 days of the purchase date.

All you need to do in order to receive this Milwaukee® service: register your tool online! Follow the link on www.milwaukeetools.com

Our Milwaukee® service is only available in those countries listed on our warranty registration website.

The extended warranty offer excludes products used in the hire industry, rechargeable battery packs, battery chargers and accessories supplied. Please ring +44 (0)1628 894400 for questions regarding our warranty policy in relation to hire products.

All you have to do to take advantage of our extra warranty offer is to register online. Nothing but HEAVY DUTY™

M28™ RANGE



POWERED BY
REDLITHIUM-ION™

HD28 PD Art. no. 4933427480 HD28 PD-O Art. no. 4933416840 **M28**

M28™ percussion drill

Features:

- Milwaukee® 28V 4-pole frameless motor provides corded tool performance
- Delivers 90 Nm torque
- Compact size of only 237 mm over all length
- All metal gear case provides maximum durability
- Milwaukee® patented DPM electronics protect both battery and tool from overload, overheating & voltage drop
- 13 mm Röhm chuck provides maximum durability

Battery pack voltage/capacity	28 V/3.0 Ah
No load speed (1st/2nd gear)	0–450/0–1800 rpm
Keyless chuck	1.5–13 mm
Max. drilling capacity in steel	16 mm
Max. drilling capacity in wood	65 mm
Max. drilling capacity in stone	20 mm
Max. torque	90 Nm
Weight with battery pack	3.1 kg



Standard Equipment:

Charger M28 C, 2x3.0 Ah M28 BX REDLITHIUM-ION™ batteries, side handle, carrying case

HD28 IW Art. no. 4933416920 HD28 IW-O Art. no. 4933416930 **M28**

M28™ 1/2" drive impact wrench

Features:

- 28 volt, high power Milwaukee® motor delivers 440 Nm of torque
- Durable, lightweight magnesium gearcase for extended life and comfort
- Variable speed trigger for enhanced control and accuracy
- 1/2" square drive with detent pin for secure socket retention
- Non-slip gripping surfaces for maximum comfort and control
- Exclusive reversible battery pack design for optimal tool balance

Battery pack voltage/capacity	28 V/3.0 Ah
No load speed	0–1450 rpm
Impact rate	0–2450 ipm
Tool reception	1/2" SD
Max. torque	440 Nm
Weight with battery pack	4.1 kg



Standard Equipment:

Charger M28 C, 2x3.0 Ah M28 BX REDLITHIUM-ION™ batteries, carrying case

HD28 H Art. no. 4933415514 HD28 H-O Art. no. 4933415520 **M28**

M28™ SDS 3-mode drill

Features:

- 28 volt, high power Milwaukee® motor gives corded tool performance
- Rotary only mode for drilling in wood & metal
- L-shape construction for perfect balance and control
- Roto-Stop for chiselling
- Metal gearbox for exact seating of bearing and gears

Battery pack voltage/capacity	28 V/3.0 Ah
Tool reception	SDS-plus
Blow energy	2.8 J
Max. drilling capacity in concrete	26 mm
Weight with battery pack	4.1 kg



HD28 HX version also available with FIXTEC chuck, Art. no. 4933415500

HD28 HX-O version also available, Art. no. 4933415511

Standard Equipment:

Charger M28 C, 2x3.0 Ah M28 BX REDLITHIUM-ION™ batteries, side handle with metal depth gauge, carrying case

HD28 SG-O Art. no. 4933415615 **M28**

M28™ straight grinder

Features:

- Long slender spindle neck for better access to awkward spaces
- Built in overload protection for both battery and motor
- Full metal gear case for maximum durability
- Digital electronic 2-speed for optimum use of consumables
- Maximised airflow for cool running for extended periods
- 6 mm collet for use with common accessories
- Battery lock out function to prevent unintended start up



Battery pack voltage/capacity	28 V/–
No load speed	22,500 / 19,500 rpm
Collet size	6 mm
Weight with battery pack	3.1 kg

Standard Equipment:

No batteries, charger or kitbox supplied

HD28 MS Art. no. 4933416870 HD28 MS-O Art. no. 4933416880 **M28**

M28™ metal dry cut saw

Features:

- Cuts mild steel, aluminium, insulated foam panel
- Large cutting depth of 61 mm
- Powerful, 28 V, 3200 rpm Milwaukee® motor delivers powerful saw performance
- Constant, fade-free power ensures the first cut is as powerful as the last
- LED light for better sight of cutting area and entry-point of blade
- Premium 174 mm carbide blade
- Compact, well-balanced design
- Ergonomic soft grip handle design for more comfortable use
- Motor overload protection
- Electronic motor brake, saw blade stops within seconds

Battery pack voltage/capacity	28 V/3.0 Ah
Max. cutting depth	61 mm
No load speed	3200 rpm
Saw blade diameter	174 mm
Weight with battery pack	4.2 kg



Standard Equipment:

Charger M28 C, 2x3.0 Ah M28 BX REDLITHIUM-ION™ batteries, 36 tooth blade, carrying case

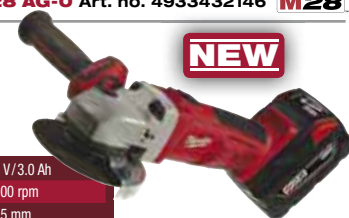
HD28 AG-115 Art. no. 4933432145 HD28 AG-O Art. no. 4933432146 **M28**

M28™ 115 mm angle grinder

Features:

- Powerful M28™ cordless grinder @ 9000 rpm's
- 115 mm disc size for improved cutting capacity
- Digital power management - battery, motor and switch protection from any abusive overloading
- Fast and easy wheel change with patented FIXTEC nut
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- AVS side handle for most comfortable work and less strain to the user

Battery pack voltage/capacity	28 V/3.0 Ah
No load speed	9000 rpm
Disc diameter	115 mm
Spindle thread	M 14
Cutting depth max.	28 mm
Weight with battery pack	2.8 kg



Standard Equipment:

Charger M28 C, 2x3.0 Ah M28 BX REDLITHIUM-ION™ batteries, safety guard, additional AVS handle, FIXTEC flange nut, dynacase

HD28 AG-125 Art. no. 4933432235 HD28 AG-O Art. no. 4933432225 **M28**

M28™ 125 mm angle grinder

Features:

- Powerful M28™ cordless grinder @ 9000 rpm's
- 125 mm disc size for improved cutting capacity
- Digital power management - battery, motor and switch protection from any abusive overloading
- Fast and easy wheel change with patented FIXTEC nut
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- AVS side handle for most comfortable work and less strain to the user

Battery pack voltage/capacity	28 V/3.0 Ah
No load speed	9000 rpm
Disc diameter	125 mm
Spindle thread	M 14
Cutting depth max.	36 mm
Weight with battery pack	2.8 kg



Standard Equipment:

Charger M28 C, 2x3.0 Ah M28 BX REDLITHIUM-ION™ batteries, safety guard, additional AVS handle, FIXTEC flange nut, dynacase

HD28 CS Art. no. 4933419017 HD28 CS-O Art. no. 4933419022 **M28**

M28™ circular saw for wood

Features:

- 28 V, high power 4200 rpm Milwaukee® motor delivers corded performance
- Versatile 54 mm cutting depth, 50° bevel cut capacity
- Left-blade design for optimal cut-line visibility and control
- Heavy Duty construction with all metal lower/upper blade guards and aluminium shoe
- Ergonomic soft grip handle design for more comfortable use
- Electronic motor brake, saw blade stops within seconds

Battery pack voltage/capacity	28 V/3.0 Ah
No load speed	4200 rpm
Max. cutting depth 90°	0–54 mm
Max. cutting depth 45°	0–39 mm
Blade size	165 mm
Arbor size	1/2" (15.87 mm)
Weight with battery pack	4.3 kg



Standard Equipment:

Charger M28 C, 2x3.0 Ah M28 BX REDLITHIUM-ION™ batteries, 24 tooth blade, rip fence, carrying case

HD28 SX Art. no. 4933416850 HD28 SX-O Art. no. 4933416860 **M28**

M28™ SAWZALL®

Features:

- 28 V, high power Milwaukee® motor delivers corded SAWZALL® performance
- 29 mm stroke length, 3000 spm for extremely fast cutting
- Exclusive gear protecting clutch for legendary SAWZALL® durability
- Heavy Duty, all metal FIXTEC blade clamp for fast blade changes
- Tool free, adjustable shoe quickly adjusts blade depth
- Convenient two-speed selection for best cut control in different materials
- Soft grip gripping surfaces for maximum comfort and control

Battery pack voltage / capacity	28 V / 3.0 Ah
No load speed (1st/2nd gear)	0–2000/0–3000 rpm
Stroke length	29 mm
Weight with battery pack	4.0 kg



Standard Equipment:

Charger M28 C, 2 x 3.0 Ah M28 BX REDLITHIUM-ION™ batteries, 2 x Super SAWZALL® blades, carrying case

HD28 JSB Art. no. 4933419016 HD28 JSB-O Art. no. 4933432090 **M28**

M28™ body grip jigsaw

Features:

- 2-speed selector switch for ideal speed in different materials
- Anti-vibration mechanism for low vibration
- FIXTEC blade clamp for fast and easy keyless blade changes
- Exact saw blade guidance with large blade support roller on needle bearings fitted in a very low position
- Adjustable saw dust blower
- Soft start
- FIXTEC – Keyless base plate adjustments with snap-in feature at 0° and 45°
- Die-cast base plate
- Four-stage adjustment of the pendulum action for increased cutting performance and longer saw blade life

Battery pack voltage / capacity	28 V / 3.0 Ah
No load stroke rate	2100/2800 min ⁻¹
Cutting depth in wood/steel	135/10 mm
Mitre cutting angle to	45°
Stroke length	26 mm
Weight with battery pack	3.5 kg



Standard Equipment:

Charger M28 C, 2 x 3.0 Ah M28 BX REDLITHIUM-ION™ batteries, 5 saw blades, sliding shoe, carrying case

C12-28 DCR-O Art. no. 4933416345

M12™–M28™ jobsite radio

Features:

- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Premium speakers and 40 W amplifier produce rich, full sound
- Weather sealed auxiliary compartment protects MP3 players and other audio devices
- Powered by M12™, M14™, M18™, M28™, V18, V28 & PBS 3000 batteries or an AC outlet
- Shock absorbing ABS polymer and steel construction protects against weather and abusive job site conditions
- Customizable equalizer and 10-station preset

Volts (DC)	12–28 V
M12™, M14™, M18™, M28™, V18, V28 & PBS 3000 batteries	
Volts (AC)	220–240 V
Dimensions	495 x 241 x 279 mm



Standard Equipment:

No batteries or charger supplied

HD28 VC-O Art. no. 4933404620 **M28**

M28™ wet/dry vacuum cleaner

Features:

- On-board accessory and hose storage
- Built-in blower port
- Washable wet/dry filter
- 99.7% efficiency filter for trapping fine dust
- 28 V Milwaukee® high power motor delivers high suction power
- Tool box style for easy transport and storage

Battery pack voltage / capacity	28 V / –
Capacity solids / liquids	9.6/7.5 l
Hose diameter	32 mm
Hose length	160 cm
Air volume	21.25 l/sec.
Max. vacuum	80 mbar
Weight with battery pack	5.4 kg



Standard Equipment:

Washable filter, hose, gap nozzle, wide nozzle, no batteries or charger supplied

M28™ Pack B Art. no. 4933413810 **M28**

- HD28 PD – Percussion drill
- HD28 CS – Circular saw
- HD28 SX – SAWZALL®
- M28 WL – Lamp
- 2 x M28 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger M28 C
- Kitbag



M28™ Pack D Art. no. 4933431977 **M28**

- HD28 PD – Percussion drill
- HD28 SX – SAWZALL®
- M28 WL – Lamp
- 2 x M28 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger M28 C
- Kitbag



M28™ Pack G Art. no. 4933413820 **M28**

- HD28 PD – Percussion drill
- HD28 HX – SDS-plus hammer
- M28 WL – Lamp
- 2 x M28 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger M28 C
- Kitbag



M28™ Pack H Art. no. 4933413815 **M28**

- HD28 PD – Percussion drill
- HD28 AG – Angle grinder
- 2 x M28 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger M28 C
- Kitbag



M18 FUEL™

DRIVEN TO OUTPERFORM.™

M18 FUEL™ is for tradesmen who are never satisfied; who constantly strive to improve their productivity. At Milwaukee® Tool, it's our culture to constantly improve cordless power tool technology and reach levels never before seen with products like M18 FUEL™.

The revolutionary performance of M18™, the fastest growing cordless system on the planet is here to stay. Contractors who use an M18™ tool bearing the FUEL™ name, do so knowing they have invested in the most advanced cordless technology available. Simply put, FUEL™ delivers unmatched power, run time and durability on the job-site.

UP TO
10X
LONGER
MOTOR LIFE*

UP TO
25%
MORE
POWER*

UP TO
50%
MORE
RUN TIME*



*Compared with previous Milwaukee® battery technology. Results dependent on voltage, tool and application.



M18 CPD Art. no. 4933431220 M18 CPD Art. no. 4933431230 (1.5 Ah) **M18**

M18 FUEL™ percussion drill

Features:

- Milwaukee® designed and built brushless motor for up to 10x motor life
- Advanced overload protection protects tool and battery from extreme applications
- REDLINK PLUS™ intelligence provides total system communication which fine tunes tool performance
- REDLITHIUM-ION™ battery pack provides up to 50% more run time
- Battery fuel gauge displays remaining charge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Advanced battery technology operates down to -18 degrees centigrade

Standard Equipment:

2 x M18 BX 3.0 Ah REDLITHIUM-ION™ battery, multi-voltage charger M12-18 C (30 min.), carrying case

NEW



Battery pack voltage/capacity	18 V/3.0 Ah
No load speed (1st/2nd gear)	0–550/0–1850 rpm
Full metal keyless chuck	1.5–13 mm
Max. drilling capacity in steel	13 mm
Max. drilling capacity in wood	50 mm
Max. drilling capacity in stone	15 mm
Max. torque	80 Nm
Weight with battery pack	2.3 kg

M18 CDD Art. no. 4933431200 M18 CDD Art. no. 4933431210 (1.5 Ah) **M18**

M18 FUEL™ drill driver

Features:

- Milwaukee® designed and built brushless motor for up to 10x motor life
- Advanced overload protection protects tool and battery from extreme applications
- REDLINK PLUS™ intelligence provides total system communication which fine tunes tool performance
- REDLITHIUM-ION™ battery pack provides up to 50% more run time
- Battery fuel gauge displays remaining charge
- Individual battery cell monitoring optimises tool run time and ensures long term pack durability
- Advanced battery technology operates down to -18 degrees centigrade

Standard Equipment:

2 x M18 BX 3.0 Ah REDLITHIUM-ION™ battery, multi-voltage charger M12-18 C (30 min.), carrying case

NEW



Battery pack voltage/capacity	18 V/3.0 Ah
No load speed (1st/2nd gear)	0–550/0–1850 rpm
Full metal keyless chuck	1.5–13 mm
Max. drilling capacity in steel	13 mm
Max. drilling capacity in wood	50 mm
Max. torque	80 Nm
Weight with battery pack	2.3 kg

*Charging time based on a 1.5 Ah battery

REVOLUTIONARY PERFORMANCE

POWERED BY
REDLITHIUM-ION™

M18™



UP TO
**40% MORE
RUN TIME***
**20% MORE
SPEED***
**20% MORE
TORQUE***

*Compared with previous Milwaukee® battery technology. Results dependent on voltage, tool and application.



REDLITHIUM-ION™

M18

THE FASTEST GROWING LITHIUM-ION™ CORDLESS SYSTEM.

Patented technologies and electronics, innovative motor design, and superior ergonomics provide the most efficient blend of power, weight, and performance. Ounce for ounce, volt for volt, there isn't another cordless tool on the market that compares. The new M18™ System.

WHY MILWAUKEE®?

Both 1.5 Ah & 3.0 Ah batteries available in the range



Digital Power Management (DPM)

Sophisticated electronics in both battery & tool, means that the tool can be significantly better protected without compromising performance, as each tool in the system has very different power draw requirements. The over-load protection system is also self re-setting meaning that the battery does not need to be removed from the tool to continue working.



M18™ REDLITHIUM-ION™ Frameless 4-Pole Motor

Milwaukee® 4-pole frameless motor is more powerful, more compact more efficient and far more durable than a traditional canned motor.



Milwaukee® frameless motor: far smaller, yet far more powerful



conventional cordless motor

Milwaukee® Robust Pack Construction

Superior construction offers far greater durability.



Full Metal Compact Planetary Gear Box and Housing

Full metal gear casings and gearbox guarantee the most durable transmission possible.



HD18 PD Art. no. 4933411110

M18[™] Heavy Duty percussion drill/driver

Features:

- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- Hammer mechanism delivers 28,000 bpm for highly effective masonry drilling
- 24 stage torque adjustment delivers optimal control for the user
- Heavy Duty 13 mm full metal chuck delivers optimum bit retention
- Full metal gear box delivers maximum performance and long life
- 3 stage mode selector allows the user to switch between 'rotary', 'screw drive' and 'percussion' modes quickly and easily
- Built in LED light illuminates the work surface

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed (1st gear/2nd gear)	0–450/0–1800 rpm
Keyless chuck	1.5–13 mm
Max. drilling capacity in steel/wood/stone	13/55/16 mm
Percussion rate	28,000 bpm
Max. torque	85 Nm
Weight with battery pack	2.4 kg



M18

Standard Equipment:

Charger C1418 C (30 min.),* batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION[™], side handle, belt clip, carrying case

HD18 DD Art. no. 4933411190

M18[™] Heavy Duty drill driver

Features:

- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- 24 stage torque adjustment delivering optimal control for the user
- Heavy Duty 13 mm full metal chuck delivers optimal bit retention
- Full metal gear box delivers maximum performance and long life
- 2 stage mode selector allows the user to switch between 'rotary' and 'screw drive' modes quickly and easily
- Built in LED light illuminates the work surface
- 3.0 Ah REDLITHIUM-ION[™] batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed (1st/2nd gear)	0–450/0–1800 rpm
Max. drilling capacity in steel	13 mm
Max. drilling capacity wood	55 mm
Keyless chuck	1.5–13 mm
Max. torque	85 Nm
Weight with battery pack	2.4 kg



M18

Standard Equipment:

Charger C1418 C (30 min.),* batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION[™], side handle, belt clip, carrying case

C18 PD Art. no. 4933416395 (3.0 Ah) C18 PD Art. no. 4933416405 (1.5 Ah) **M18**

M18[™] compact percussion drill/driver

C18 PD-O Art. no. 4933404986

Features:

- Compact hammer drill/driver with reduced length and girth, making it ideal for working in restricted areas
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- 23 stage torque adjustment plus additional drilling for maximum flexibility
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability
- Full metal gear box delivers maximum performance and long life
- Built in LED light illuminates the work surface
- 3.0 Ah REDLITHIUM-ION[™] batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed (1st gear/2nd gear)	0–550/0–1700 rpm
Keyless chuck	1.5–13 mm
Max. drilling capacity in steel/wood/stone	13/45/8 mm
Percussion rate	0–29,000 bpm
Max. torque	60 Nm
Weight with battery pack	2.2 kg



Standard Equipment:

Charger C1418 C (30 min.),* batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION[™], side handle, belt clip, carrying case

C18 DD Art. no. 4933411060 (3.0 Ah) C18 DD Art. no. 4933404600 (1.5 Ah) **M18**

M18[™] compact drill driver

Features:

- Compact drill/driver measuring only 196 mm in length, making it ideal for working in restricted areas
- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- 23 stage torque adjustment plus additional drilling for maximum flexibility
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability
- Full metal gear box delivers maximum performance and long life
- Built in LED light illuminates the work surface
- 3.0 Ah REDLITHIUM-ION[™] batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed (1st/2nd gear)	0–500/0–1500 rpm
Keyless chuck	1.5–13 mm
Max. drilling capacity in steel/wood	13/32 mm
Wood screws	8 mm
Max. torque	54 Nm
Weight with battery pack	2.1 kg



Standard Equipment:

Charger C1418 C (30 min.),* batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION[™], side handle, belt clip, carrying case

*Charging time based on a 1.5 Ah battery

C18 ID Art. no. 4933411120 (3.0 Ah) C18 ID Art. no. 4933401130 (1.5 Ah) **M18**

M18[™] compact impact driver

C18 ID-O Art. no. 4933411140

Features:

- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- Highest torque available within its class
- Impact mechanism increases driving speed to a category leading 2200 rpm
- Delivers 3200 impacts per minute for increased productivity
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability
- 3.0 Ah REDLITHIUM-ION[™] batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed	0–2200 rpm
Tool reception	1/4" Hex
Impact rate	0–3200 ipm
Max. torque	158 Nm
Weight with battery pack	1.5 kg



Standard Equipment:

Charger C1418 C (30 min.),* batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION[™], belt clip, carrying case

C18 IW Art. no. 4933411270 C18 IW-O Art. no. 4933416500 **M18**

M18[™] compact impact wrench

Features:

- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- Highest torque available within its class
- Impact mechanism increases driving speed to a category leading 2200 rpm
- Delivers 3200 impacts per minute for increased productivity
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability
- 3.0 Ah REDLITHIUM-ION[™] batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed	0–2200 rpm
Tool reception	1/2" SD
Impact rate	0–3200 ipm
Max. torque	250 Nm
Weight with battery pack	1.8 kg



Standard Equipment:

Charger C1418 C (30 min.),* batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION[™], belt clip, carrying case

HD18 HIW Art. no. 4933416185 HD18 HIW-O Art. no. 4933416195 **M18**

M18[™] Heavy Duty impact wrench

Features:

- The most powerful 18 V cordless impact wrench on the market
- With its Milwaukee® 4-pole frameless motor it delivers a staggering 610 Nm of torque, ideal for powering through the toughest of applications
- Milwaukee® patented electronics in both the power tool and battery pack deliver revolutionary durability
- Ideal for heavy applications such as steel fabrication, mechanical fastening, industrial construction and automotive work
- 3.0 Ah REDLITHIUM-ION[™] batteries deliver higher run time and increased durability
- Light weight and ergonomically designed
- Fuel gauge displays remaining battery charge state

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed	0–1900 rpm
Tool reception	1/2" SD
Impact rate	0–2200 ipm
Max. torque	610 Nm
Weight with battery pack	3.0 kg



Standard Equipment:

Charger C1418 C (30 min.),* batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION[™], carrying case

C18 RAD Art. no. 4933427188 C18 RAD-O Art. no. 4933427189 **M18**

M18[™] right angle drill

Features:

- Optimised performance: 1500 rpm at 20 Nm
- Perfect speed to power ratio for fast application completion
- 100 mm compact head designed to fit in the tightest work areas
- Multi-position handle design allows for multiple hand positions and maximum comfort
- 10 mm single sleeve ratcheting chuck provides maximum versatility and grip
- 10 + 1 electronic clutch enables complete control while fastening

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed	1500 rpm
Chuck	10 mm
Max. torque	20 Nm
Max. drilling capacity in steel/wood	10/28 mm
Wood screws	8 mm
Weight with battery pack	1.9 kg



Standard Equipment:

1 x M18 BX 3.0 Ah REDLITHIUM-ION[™] battery, charger C1418 C (30 min)*, carrying case

*Charging time based on a 1.5 Ah battery

HD18 H Art. no. 4933428685

NEW

M18

M18™ compact SDS hammer drill

Features:

- 18 V REDLITHIUM-ION™ technology with 3.0 Ah for up to 40% longer run time
- High power motor – gives corded tool performance
- All metal gearcase – optimum seating of the gears for enhanced service life
- Variolock – chiselling angle can be locked at various positions
- Hammer stop function

Battery pack voltage/capacity	18 V/3.0 Ah
Tool reception	SDS-plus
Blow energy	2.4 J
Max. drilling capacity in steel/concrete/wood	13/24/30 mm
Thin wall core cutter in bricks and limestone	50 mm
Percussion rate under load	0–4200 bpm
Weight with battery pack	3.4 kg



Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, side handle with metal depth gauge, carrying case

HD18 HX Art. no. 4933408260 HD18 HX-O Art. no. 4933408320

M18

M18™ compact SDS hammer drill

Features:

- 18 V REDLITHIUM-ION™ technology with 3.0 Ah for up to 40% longer run time
- High power motor – gives corded tool performance
- FIXTEC system – keyless chuck changing
- All metal gearcase – optimum seating of the gears for enhanced service life
- Variolock – chiselling angle can be locked at various positions
- Hammer stop function

Battery pack voltage/capacity	18 V/3.0 Ah
Tool reception	SDS-plus
Blow energy	2.4 J
Max. drilling capacity in steel/concrete/wood	13/24/30 mm
Thin wall core cutter in bricks and limestone	50 mm
Percussion rate under load	0–4200 bpm
Weight with battery pack	3.5 kg



Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, side handle with metal depth gauge, FIXTEC chuck, carrying case

HD18 JS Art. no. 4933411160 HD18 JS-O Art. no. 4933411170

M18

M18™ Heavy Duty jigsaw

Features:

- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Oversized blade roller support for increased blade stability
- Keyless bevel facility on base plate allowing adjustments of 0–45 degrees
- 5 stage pendulum action for increased performance
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability

Battery pack voltage/capacity	18 V/3.0 Ah
No load stroke rate	0–2200 min ⁻¹
Cutting depth in wood	135 mm
Cutting depth in steel	10 mm
Mitre cutting angle to	45°
Stroke length	25 mm
Weight with battery pack	3.5 kg



Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, sliding shoe, 2 blades, carrying case

HD18 JSB Art. no. 4933417495 HD18 JSB-O Art. no. 4933417845

M18

M18™ body grip jigsaw

Features:

- 2-speed selector switch for ideal speed in different materials
- FIXTEC – Keyless base plate adjustments with snap-in feature at 0° and 45°
- FIXTEC blade clamp for fast and easy keyless blade changes
- Exact saw blade guidance with large blade support roller on needle bearings fitted in a very low position
- Adjustable saw dust blower
- Anti-vibration mechanism for low vibration
- Soft start
- Die-cast base plate
- Four-stage adjustment of the pendulum action for increased cutting performance and longer saw blade life

Battery pack voltage/capacity	18 V/3.0 Ah
No load stroke rate	2050/2700 spm
Cutting depth in wood/steel	120/10 mm
Mitre cutting angle to	45°
Stroke length	26 mm
Weight with battery pack	2.9 kg



Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, 2 saw blades, sliding shoe, carrying case

HD18 SX Art. no. 4933411150 HD18 SX-O Art. no. 4933419131

M18

M18™ Heavy Duty SAWZALL® with gear protection clutch

Features:

- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- 25 mm stroke length and 3200 spm for extremely fast cutting
- Milwaukee® patented FIXTEC clamp for fast and easy keyless blade change
- Gear protection clutch, protects the gearbox in case of blade lock ups
- Counter balance mechanism to reduce vibrations
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability
- 3.0 Ah REDLITHIUM-ION™ batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state



Battery pack voltage/capacity	18 V/3.0 Ah
Stroke rate	0–3200 spm
Stroke length	25 mm
Weight with battery pack	3.5 kg

Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, 1 blade, carrying case

C18 HZ Art. no. 4933416810 C18 HZ Art. no. 4933416820 (1.5 Ah)

M18

M18™ hacksaw

C18 HZ-O Art. no. 4933416785

Features:

- Dual gear counter balance reduces vibration and increases tool life
- Milwaukee® high performance compact one handed use hacksaw measuring only 375 mm in length makes it ideal for working within confined spaces
- Milwaukee® patented FIXTEC clamp for fast keyless blade change
- Built in LED light illuminates the work surface
- Fuel gauge displays remaining battery charge state
- 20 mm stroke length for controlled cutting with a no load stroke rate of 3000 spm
- Complete with Milwaukee® Li-Ion Digital Power Management system that protects tool and battery in all applications delivering industry leading durability



Battery pack voltage/capacity	18 V/3.0 Ah
No load stroke rate	0–3000 spm
Stroke length	20 mm
Weight with battery pack	2.6 kg

Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, carrying case

HD18 CS Art. no. 4933411180 HD18 CS-O Art. no. 4933419134

M18

M18™ Heavy Duty circular saw for wood and plastic

Features:

- Milwaukee® powerful 3500 rpm motor easily cuts most timber construction materials
- Magnesium upper and lower guards provide best in class durability for impact resistance
- Ergonomic soft grip handle provides comfort and balance for superior control
- Excellent visibility of cutting line
- Large 50 degree bevel facility
- Electronic motor brake, saw blade stops within seconds
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed	3500 rpm
Max. cutting depth 90°	0–55 mm
Max. cutting depth 45°	0–39 mm
Blade size	165 mm
Arbor size	3/8" (15.87 mm)
Weight with battery pack	3.8 kg



Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, 24 tooth TCT saw blade, parallel fence, dust port, allen key, key, rip fence, soft bag

HD18 MS Art. no. 4933427186 HD18 MS-O Art. no. 4933427187

M18

M18™ metal saw

Features:

- Compact, ergonomic design provides superior control over standard metal saws, reciprocating saws and band saws
- 4-pole frameless motor delivers 3600 rpm for fast cutting
- Built-in LED light and large transparent window improve line of sight for more accurate cuts
- Tool-free depth adjustment quickly and easily adjusts cutting depth from 3 mm – 50 mm with a 135 mm blade

Battery pack voltage/capacity	18 V/3.0 Ah
No load speed	3600 rpm
Saw blade Ø	135 x 20 mm
Maximum cutting capacity:	
Steel plate	1.6 mm
Metal pipe	Ø 50 mm
Sections	51 mm
Weight	2.6 kg



Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, bag

HD18 AG Art. no. 4933411200 HD18 AG-O Art. no. 4933411210 **M18**

M18™ Heavy Duty 115 mm angle grinder

Features:

- Milwaukee® high performance 4-pole motor delivers maximum power whilst maximising the power to weight ratio
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability
- Reduced height of gear box and slim girth design deliver optimal ergonomics
- Full metal gear case delivers Heavy Duty durability
- Exclusive paddle switch design for ease of use
- Multi position side handle for ease of use
- 3.0 Ah REDLITHIUM-ION™ batteries deliver higher run time and increased durability

Battery pack voltage / capacity	18 V / 3.0 Ah
No load speed	8000 rpm
Disc diameter	115 mm
Spindle thread	M 14
Weight with battery pack	2.2 kg

Standard Equipment:

Charger C1418 C (30 min)*, 2 x M18 BX 3.0 Ah REDLITHIUM-ION™, safety guard, side handle, carrying case



HD18 BS Art. no. 4933419115 HD18 BS-O Art. no. 4933419122 **M18**

M18™ Heavy Duty metal bandsaw

Features:

- 45% lighter than deep cut – 4.5 kg compact light weight design for cutting overhead and in tight places
- 85 mm cut capacity – cuts more common materials for electrician, plumber and mechanical cutting applications
- Tool-free adjustable material shoe – quickly adjusts the shoe and allows flush cuts when working with installed materials against walls and ceilings
- LED work light – illuminates the cut line in dark areas
- Blade ejection system

Battery pack voltage / capacity	18 V / 3.0 Ah
SFPM	480
Cutting capacity rect. stock (w.x.h)	85 x 85 mm
Switch type	On / off trigger
Blade size	900 mm
Weight with battery pack	4.5 kg

Standard Equipment:

Charger C1418 C (30 min)*, batteries 2x M18 BX 3.0 Ah REDLITHIUM-ION™, 1 blade, carrying case



HD18 SG Art. no. 4933417850 HD18 SG-O Art. no. 4933417820 **M18**

M18™ straight grinder

Features:

- Long slender spindle neck for better access to awkward spaces
- Built in overload protection for both battery and motor
- Full metal gear case for maximum durability
- Digital electronic 2-speed for optimum use of consumables
- Maximised airflow for cool running for extended periods
- 6 mm collet for use with common accessories
- Battery lock out function to prevent unintended start up

Battery pack voltage / capacity	18 V / 3.0 Ah
No load speed	17,500/21,500 rpm
Collet size	6 mm
Weight with battery pack	3.0 kg

Standard Equipment:

Charger C1418 C (30 min)*, battery 1 x M18 BX 3.0 Ah REDLITHIUM-ION™, carrying case



HD18 PXP Art. no. 4933427254 (6 bar Kit) HD18 PXP Art. no. 4933427359 (10 bar Kit) **M18**

M18™ cordless Q&E expansion tool

Features:

- Auto-rotating head 12 mm to 40 mm (6 bar) & to 32 mm (10 bar) provides accurate, one-handed expansion
- Quick cam mechanism – single pull, continuous action installs Q&E up to 4X faster
- Robust D-handle design with LED light easily see and install Q&E fittings in low light situations
- Steel gears and integrated magnesium frame
- Compatibility - also works with M18 BX 3.0 Ah REDLITHIUM-ION™ batteries

Battery pack voltage / capacity	18 V / 1.5 Ah
Capacity	12 – 40 / 32 mm
Head	Auto-rotating
Pipe diameter	≤ Ø 40 x 3.7 mm (6 bar) / ≤ Ø 32 x 4.4 mm (10 bar)
Stroke length	14 / 25 mm
Speed	45 spm
Weight	3.45 kg

Standard Equipment:

Charger C1418 C (30 min)*, batteries 2 x M18 B 1.5 Ah REDLITHIUM-ION™, 20/25/32 mm heads, grease, carrying case



C18 PCG/310C Art. no. 4933427190 **M18**

M18™ caulk gun with cartridge holder

Features:

- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge

Battery pack voltage / capacity	18 V / 1.5 Ah
Max. pushing force	4500 N
Speed settings	6
Weight with battery pack	2.3 kg

Standard Equipment:

Battery 1 x M18 B 1.5 Ah REDLITHIUM-ION™, charger C1418 C (30 min)*, 310 ml cartridge holder



C18 PCG/400T Art. no. 4933427124 **M18**

M18™ caulk gun with 400 ml transparent barrel

Features:

- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Transparent barrel for monitoring the amount of the adhesive usage. 100% visibility of material within barrel

Battery pack voltage / capacity	18 V / 1.5 Ah
Max. pushing force	4500 N
Speed settings	6
Weight with battery pack	2.3 kg

Standard Equipment:

Battery 1 x M18 B 1.5 Ah REDLITHIUM-ION™, charger C1418 C (30 min)*, 400 ml transparent barrel



C18 PCG/600T Art. no. 4933427125 **M18**

M18™ caulk gun with 600 ml transparent barrel

Features:

- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge
- Transparent barrel for monitoring the amount of the adhesive usage. 100% visibility of material within barrel

Battery pack voltage / capacity	18 V / 1.5 Ah
Max. pushing force	4500 N
Speed settings	6
Weight with battery pack	2.3 kg

Standard Equipment:

Battery 1 x M18 B 1.5 Ah REDLITHIUM-ION™, charger C1418 C (30 min)*, 600 ml transparent barrel



C18 PCG/600A Art. no. 4933427191 **M18**

M18™ caulk gun with 600 ml aluminium barrel

Features:

- Up to 4500 N of force. Min 40% higher than current Milwaukee® caulk gun
- Optimised performance with all adhesives and cool temperatures
- Anti-drip feature prevents unwanted dripping when trigger is released
- Dial control with 6 speed settings allows for maximum bead control
- Large robust plunger design ensures constant flow, reduces blow back and expels all sealant from cartridge

Battery pack voltage / capacity	18 V / 1.5 Ah
Max. pushing force	4500 N
Speed settings	6
Weight with battery pack	2.3 kg

Standard Equipment:

Battery 1 x M18 B 1.5 Ah REDLITHIUM-ION™, charger C1418 C (30 min)*, 600 ml aluminium tube



PowerPack C18 PP2B-32C Art. no. 4933416465 **M18**

- C18 PD – Percussion Drill/Driver
- C18 ID – Impact Driver
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Carrying case

Also available with 1.5 Ah REDLITHIUM-ION™ batteries
– C18 PP2B-22C: Art. no. 4933416475

Also available with C18 DD instead of C18 PD & 1.5 Ah
REDLITHIUM-ION™ batteries; C18 PP2A-22C: Art. no. 4933411240



PowerPack HD18 PP2A-32C Art. no. 4933411230 **M18**

- HD18 PD – Percussion Drill/Driver
- C18 ID – Impact Driver
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Carrying case



PowerPack HD18 PP2B-32C Art. no. 4933417855 **M18**

- HD18 SG – Straight Grinder
- C18 DD – Drill Driver
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Carrying case



PowerPack HD18 PP4A-32B Art. no. 4933411250 **M18**

- HD18 PD – Percussion Drill/Driver
- HD18 SX – SAWZALL®
- HD18 CS – Circular Saw
- C18 WL – Work Light
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Milwaukee® soft bag



PowerPack HD18 PP4B-32B Art. no. 4933411260 **M18**

- HD18 PD – Percussion Drill/Driver
- C18 ID – Impact Driver
- HD18 SX – SAWZALL®
- C18 WL – Work Light
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Milwaukee® soft bag



PowerPack HD18 PP5A-32B Art. no. 4933416445 **M18**

- HD18 PD – Percussion Drill/Driver
- HD18 SX – SAWZALL®
- HD18 CS – Circular Saw
- HD18 JS – Jigsaw
- C18 WL – Work Light
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Milwaukee® soft bag



PowerPack HD18 PP6A-32B Art. no. 4933411750 **M18**

- HD18 PD – Percussion Drill/Driver
- C18 ID – Impact Driver
- HD18 SX – SAWZALL®
- HD18 CS – Circular Saw
- HD18 JS – Jigsaw
- C18 WL – Work Light
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Milwaukee® soft bag



PowerPack HD18 PP6B-32B Art. no. 4933411740 **M18**

- HD18 PD – Percussion Drill/Driver
- C18 ID – Impact Driver
- HD18 SX – SAWZALL®
- HD18 CS – Circular Saw
- HD18 AG – Angle Grinder
- C18 WL – Work Light
- 2 x M18 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C1418 C (30 min.)*
- Milwaukee® soft bag



SPEED FEED™ wood drill bits

Step up from flat bit in quality and performance – faster drilling, higher life time and less jamming!

Dual cutting edges for fast and aggressive cut – up to 10 times faster drilling vs. flat boring bit.

Tapered design for reduced chip clogging, less friction and less jamming even in tough applications – results in less breakages.

Feed screw with coarse thread increases selffeeding in all types of wood – soft & hard, wet & treated.

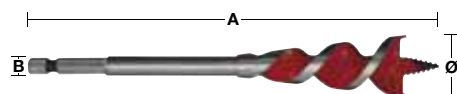
Polished and powder coated flute design for increased chip ejection, reduced clogging and higher selffeeding capability.



Dual cutting edges



Tapered design



Ø mm	Ø inch	A mm	B inch	Quantity	Id. No.	UPC Code 45242
13	1/2"	165	1/4" Hex	1	48130048	224807
16	5/8"	165	1/4" Hex	1	48130058	224814
20	3/4"	165	1/4" Hex	1	48130068	224821
22	7/8"	165	1/4" Hex	1	48130078	224838
25	1"	165	1/4" Hex	1	48130088	224845
32	1 1/4"	165	1/4" Hex	1	48130108	224852
4pc Set with Ø 13/16/20/25 mm.				4	48130400	234448

SWITCHBLADE™ selffeed bits

■ **Speed:** Aggressive feed screw design allows the bit to pull through the wood faster and without effort, resulting in faster drilling.

■ **Replaceable Switchblade™:** The Switchblade™ replaceable blade system ensures your blade is always razor sharp. It increases productivity by eliminating resharping downtime and it increases the overall life of the bit.

■ **Application:** Suitable for all general contractors, electricians, plumbers and HVAC engineers who require to drill through holes in wood for all types of pipe, vents and wire trunking.



SWITCHBLADE™ 5 piece kit Art. no. 49225100

Contents:

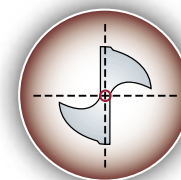
- incl. 4 Switchblade™ selffeed bits
- Ø 35/38/54/65 mm
- QUIK-LOK extension 140 mm length
- 4x Replacement Switchblade™ blades (1 for each size bit)
- 4x Feed screws
- 4x Set screws
- 1x Allen key



THUNDERWEB Metal drill bits HSS Ground - DIN 338

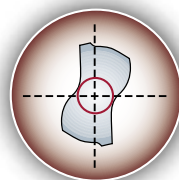
Standard drill bit

The web on standard drill bits is a constant thickness throughout the length of the bit.



Conventional type web cross section

The Thunderweb design is characterised by a conical shaped web which gets thicker towards the back of the drill bit.



Parabolic web cross section

- Accepts higher feed pressure and torque.
- Less breakages.
- Long life.

VS



Art. no. 4932352374

Art. no. 4932352376

Range available

Range singles	1.0–13 mm
5/10pack	1.0–13 mm
Sets – 19pcs	1.0–10 mm with 0.5 mm increments
Sets – 25pcs	1.0–13 mm with 0.5 mm increments

M14™



C14 PD Art. no. 4933416960 (3.0 Ah) **C14 PD** Art. no. 4933416970 (1.5 Ah) **M14**

Compact percussion drill/driver

Features:

- Compact hammer drill/driver with reduced length and girth, making it ideal for working in restricted areas
- 24 stage torque adjustment plus additional drilling for maximum flexibility
- Milwaukee® patented electronics in both power tool and battery pack deliver revolutionary durability
- Full metal gear box delivers maximum performance and long life
- Built in LED light illuminates the work surface
- 3.0 Ah REDLITHIUM-ION™ batteries deliver high run time and increased durability
- Fuel gauge displays remaining battery charge state

Battery pack voltage / capacity	14.4 V / 3.0 Ah
No load speed (1st gear / 2nd gear)	0 – 450 / 0 – 1600 rpm
Max. drilling capacity in steel/wood	13 / 35 mm
Max. drilling capacity in stone	13 mm
Percussion rate	0 – 27.200 bpm
Max. torque	45 Nm
Weight with battery pack	2.1 kg



Standard Equipment:

Charger C1418 C (30 min.), batteries 2x M14 BX 3.0 Ah REDLITHIUM-ION™ carrying case

C14 DD Art. no. 4933416980 (3.0 Ah) **C14 DD** Art. no. 4933416990 (1.5 Ah) **M14**

Compact drill/driver

Features:

- Compact drill/driver with reduced length and girth, making it ideal for working in restricted areas
- 23 stage torque adjustment plus additional drilling for maximum flexibility
- Full metal gear box delivers maximum performance and long life
- Built in LED light illuminates the work surface
- 450 / 1600 rpm delivers 45 Nm of torque
- Complete with Milwaukee® Li-Ion Digital Power Management system that protects tool and battery in all applications delivering industry leading durability

Battery pack voltage / capacity	14.4 V / 3.0 Ah
No load speed (1st gear / 2nd gear)	0 – 450 / 0 – 1600 rpm
Max. drilling capacity in steel/wood	13 / 35 mm
Max. torque	45 Nm
Weight with battery pack	1.9 kg



Standard Equipment:

Charger C1418 C (30 min.), batteries 2x M14 BX 3.0 Ah REDLITHIUM-ION™, carrying case

*Charging time based on a 1.5 Ah battery

INDUSTRY LEADER IN LITHIUM-ION

UP TO **40%** MORE RUN TIME*
UP TO **20%** MORE SPEED*
UP TO **20%** MORE TORQUE*

*Compared with previous Milwaukee® battery technology. Results dependent on voltage, tool and application.



DURABILITY

- OPERATES DOWN TO 0°F OR -18°C
- RUNS 20% COOLER
- UP TO 50% MORE RECHARGES

M12 **M18**



REDLITHIUM-ION™

PORTABLE POWER

POWERED BY
REDLITHIUM-ION™

M12



UP TO
**40% MORE
RUN TIME***
**20% MORE
SPEED***
**20% MORE
TORQUE***

*Compared with previous Milwaukee® battery technology. Results dependent on voltage, tool and application.



REDLITHIUM-ION™

M12

THE MOST POWERFUL SUB-COMPACT SYSTEM IN THE WORLD.

Powered by a single, lightweight, environmentally friendly REDLITHIUM-ION™ battery, M12™ cordless tools deliver best in class durability and performance from tools that are designed to fit in the tightest of spaces.

ON-TOOL FUEL GAUGE.



Nearly all products in the M12™ range also feature a fuel gauge, so that you know at all times how much power still remains in the battery.

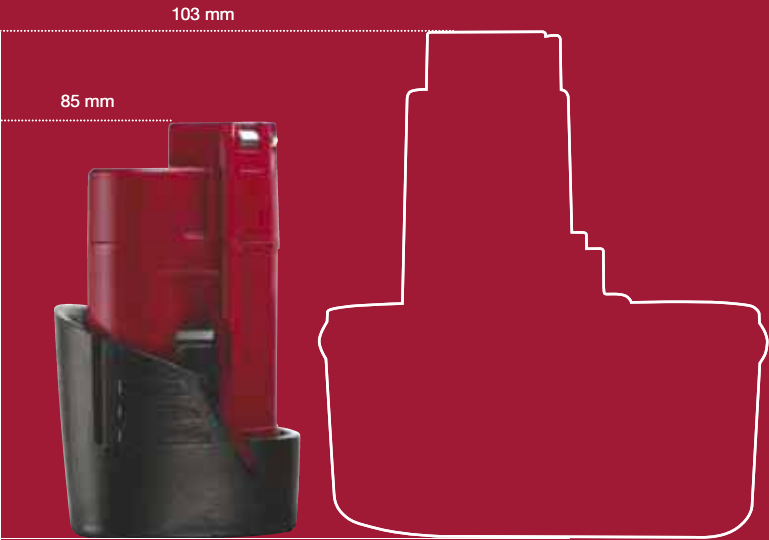
NOW 3.0 Ah BATTERY AVAILABLE FOR EXTREME RUN TIME.



- M12 BX** Art. no. 4932352664
- 2 x run time*
 - 30% more power*
 - 10–20% faster application speed*
 - Total system compatibility*
- *except C12 BL2 *compared to 1.5 Ah batteries

SIZE IS EVERYTHING.

Compact Milwaukee® M12™ 1.5 Ah REDLITHIUM-ION™ battery offers greater power at a fraction of the size of traditional NiCd/NiMH 12 V batteries.



Milwaukee® M12™ 12 V
1.5 Ah REDLITHIUM-ION™ battery

Traditional NiCd
12 V 1.3 Ah battery

C12 PD Art. no. 4933413780 (1.5 Ah) C12 PD Art. no. 4933413785 (3.0 Ah) **M12**

M12™ 2-speed percussion drill driver C12 PD-0 Art. no. 4933413860

Features:

- 10 mm single sleeve chuck for quick change of a complete range of accessories
- 18 stage torque adjustment plus additional drilling for maximum flexibility
- Slimline soft grip handle
- Built in LED light illuminates the work surface
- Extremely lightweight tool only 1.3 kg
- 30 minute battery charge time
- 1.5 Ah REDLITHIUM-ION™ batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state

Standard Equipment:

Charger C12 C (30 min.), batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, carrying case

Battery pack voltage / capacity	12 V / 1.5 Ah
No load speed	0–400 / 0–1500 rpm
Percussion rate	22,500 bpm
Chuck	1–10 mm
Max. drilling capacity in steel / wood / stone	10/25/7 mm
Max. torque	32 Nm
Weight with battery pack	1.3 kg



C12 DD Art. no. 4933411960 (1.5 Ah) C12 DD Art. no. 4933427023 (3.0 Ah) **M12**

M12™ 2-speed drill driver C12 DD-0 Art. no. 4933411970

Features:

- 10 mm single sleeve chuck for quick change of a complete range of accessories
- 21 stage torque adjustment plus additional drilling for maximum flexibility
- Slimline soft grip handle
- Built in LED light illuminates the work surface
- Extremely lightweight tool only 1.2 kg
- 30 minute battery charge time
- 1.5 Ah REDLITHIUM-ION™ batteries deliver higher run time and increased durability
- Fuel gauge displays remaining battery charge state

Standard Equipment:

Charger C12 C (30 min.), batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, carrying case

Battery pack voltage / capacity	12 V / 1.5 Ah
No load speed	0–400 / 0–1500 rpm
Chuck	1–10 mm
Max. drilling capacity in steel / wood	10/25 mm
Max. torque	30 Nm
Weight with battery pack	1.2 kg



C12 D Art. no. 4933404580 (1.5 Ah) C12 D-0 Art. no. 4933411935 **M12**

M12™ single speed drill driver

Features:

- Milwaukee® high performance compact screw driver measures 160 mm in length making it ideal for working within confined spaces
- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- ¼" Hex chuck for quick easy one handed bit change
- 15 stage torque adjustment plus additional drilling for maximum flexibility
- Slimline soft grip handle
- Built in LED light illuminates the work surface
- Extremely lightweight tool only 0.9 kg including battery
- 30 minute battery charge time

Standard Equipment:

Charger C12 C (30 min.), batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, soft bag

Battery pack voltage / capacity	12 V / 1.5 Ah
No load speed	0–500 rpm
Chuck	¼" Hex
Max. drilling capacity in steel / wood	10/16 mm
Wood screws to	6 mm
Max. torque	20 Nm
Weight with battery pack	0.9 kg



C12 ID Art. no. 4933411080 (1.5 Ah) C12 ID-0 Art. no. 4933411930 **M12**

M12™ impact driver

Features:

- Milwaukee® high performance compact impact driver measuring 165 mm in length makes it ideal for working within confined spaces
- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- Impact mechanism increases driving speed to a category leading 2000 rpm
- Delivers 3000 ipm for increased productivity
- ¼" Hex chuck for quick easy one handed bit change
- Slimline soft grip handle
- Built in LED light illuminates the work surface
- Extremely lightweight tool only 1.1 kg

Standard Equipment:

Charger C12 C (30 min.), batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, carrying case

Battery pack voltage / capacity	12 V / 1.5 Ah
No load speed	0–2000 rpm
Impact rate	0–3000 ipm
Tool reception	¼" Hex
Max. torque	96 Nm
Weight with battery pack	1.1 kg



C12 IW Art. no. 4933411900 (1.5 Ah) C12 IW-0 Art. no. 4933411990 **M12**

M12™ impact wrench

Features:

- Milwaukee® high performance compact impact wrench measuring 165 mm in length makes it ideal for working within confined spaces
- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- Impact mechanism increases driving speed to a category leading 2000 rpm with 136 Nm of torque
- Delivers 3000 ipm for increased productivity
- ½" square drive for use with universal sockets
- For use on ¾"–9 mm bolts or smaller
- Slimline soft grip handle
- Built in LED light illuminates the work surface

Standard Equipment:

Charger C12 C (30 min.), batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, carrying case

Battery pack voltage / capacity	12 V / 1.5 Ah
No load speed	0–2000 rpm
Impact rate	0–3000 ipm
Chuck	½" SD
Max. torque	136 Nm
Weight with battery pack	1.1 kg



M12 IR Art. no. 4933431270 (¼") M12 IR Art. no. 4933431280 (⅜") **M12**

M12™ impact ratchet

Features:

- Best in class power and speed
- 47 Nm (¾"), 41 Nm (¼") of torque and a no load speed of 250 rpm
- ⅜" reception optimised for bolts up to M13 (M12 IR-21B (¾"))
- ¼" reception optimised for bolts up to M13 (M12 IR-21B (¼"))
- Variable speed metal paddle switch trigger – provides greater user control during applications
- Compact ID – ideal for tight spaces and small engine bays
- Reinforced housing – provides high durability similar to steel air ratchets
- On board fuel gauge and LED light – added user convenience and illumination in low lit working conditions

Standard Equipment:

Charger C12 C (30 min.), batteries 1 x M12 B 1.5 Ah REDLITHIUM-ION™, soft bag

NEW

Battery pack voltage / capacity	12 V / 1.5 Ah
Chuck / Anvil reception	¼"
Max. torque	41 Nm
No load speed	250 rpm
Length	274 mm
Weight with battery pack	0.9 kg



C12 RAD Art. no. 4933416890 (1.5 Ah) C12 RAD-0 Art. no. 4933416900 **M12**

M12™ single speed right angle drill

Features:

- Long soft grip trigger for working comfortably in any situation
- 10 mm single sleeve chuck for quick and easy change of a full range of accessories
- Forward and reverse functions
- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- Slimline soft grip handle
- 30 minute battery charge time
- 1.5 Ah REDLITHIUM-ION™ batteries deliver high run time and increased durability

Standard Equipment:

Charger C12 C (30 min.), batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, soft bag

Battery pack voltage / capacity	12 V / 1.5 Ah
No load speed	800 rpm
Chuck	10 mm
Max. drilling capacity in steel / wood	10/22 mm
Max. torque	12 Nm
Weight with battery pack	1.1 kg



C12 PXP Art. no. 4933427275 (6 bar kit) C12 PXP 4933427276 (10 bar kit) **M12**

M12™ cordless Q&E expansion tool

Features:

- Auto-rotating head 12 mm to 32 mm (6 bar) and to 25 mm (10 bar) provides accurate, one-handed expansion
- Quick cam mechanism – single pull, continuous action installs Q&E up to 4 x faster
- Right-angle design with LED light easily see and install Q&E fittings in low light situation
- Steel gears and integrated metal frame
- Compatibility – also works with M12 BX 3.0 Ah REDLITHIUM-ION™ batteries

Also available: C12 PXP NKB version

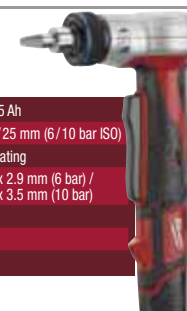
(10 bar kit with heads 15/18/22 mm): Art. no. 4933427277

Also available without Milwaukee® heads: C12 PXP-22C Art. no. 4933427247

Standard Equipment:

Batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, charger C12 C (30 min)*, 16/20/25 mm heads, grease, carrying case

Battery pack voltage / capacity	12 V / 1.5 Ah
Capacity	12–32 / 25 mm (6 / 10 bar ISO)
Head	Auto-rotating
Pipe diameter	≤ Ø 32 x 2.9 mm (6 bar) / ≤ Ø 25 x 3.5 mm (10 bar)
Stroke length	14 mm
Speed	60 spm
Weight	1.6 kg



M12 JS Art. no. 4933431300 (1.5 Ah) M12 JS Art. no. 4933431290 (3.0 Ah) **M12**

M12™ compact jigsaw

Features:

- New-to-world hybrid grip design – combines the best features from both top handle and barrel grip jigsaw
- Non-marring shoe to protect work surfaces from scratching
- Precision roller guide to provide end user control and reduce blade deviation
- LED light – provides user visibility both sides of the cut line, ideal for working in low lit jobsite areas
- Tool free bevel facility – quick and easy bevel adjustment up to 45° without the use of tools
- Variable speed – electronic trigger speed control provides end user flexibility and control
- QUIK-LOK T-Shank blade clamp – secure tool free blade and accessories swap out

Battery pack voltage/capacity	12 V/1.5 Ah
Strokes per minute	0–2800 spm
Stroke length	19 mm
Max. bevel capacity	45°
Weight with battery pack	1.95 kg



NEW

Standard Equipment:

Charger C12 C (30 min.)*, batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, non-marring shoe, 2 blades, soft bag

C12 HZ Art. no. 4933411100 (1.5 Ah) C12 HZ-O Art. no. 4933411925 **M12**

M12™ HACKZALL

Features:

- Milwaukee® high performance compact one handed use hacksaw measuring only 280 mm in length makes it ideal for working within confined spaces
- Milwaukee® patented FIXTEC clamp for fast keyless blade change
- Built in LED light illuminates the work surface
- 1.5 Ah REDLITHIUM-ION™ batteries deliver higher run time and increased durability
- 30 minute battery charge time
- Fuel gauge displays remaining battery charge state

Battery pack voltage/capacity	12 V/1.5 Ah
No load speed	0–3000 spm
Stroke length	13 mm
Weight with battery pack	1.2 kg

■ see page 90 for HACKZALL blades



Standard Equipment:

Charger C12 C (30 min.)*, batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, carrying case

C12 MT Art. no. 4933427179 (1.5 Ah) C12 MT Art. no. 4933427177 (3.0 Ah) **M12**

M12™ cordless multi-tool

Features:

- Professional performance
- Variable speed (5000–20,000 opm) and 1.5° left/right oscillation movement allows quick completion of professional applications into materials such as metal, wood and plastic
- X2 run time: 3.0 Ah REDLITHIUM-ION™ battery
- Versatile cordless solution for cutting and removal applications
- Part of the M12™ system
- Will accept competitive accessories

Battery pack voltage/capacity	12 V/1.5 Ah
Oscillating angle left/right	1.5°/1.5°
Deltasander no load oscillation frequency	5000–20,000 min ⁻¹
Weight	1.0 kg



Standard Equipment:

Batteries 2 x M12 B 1.5 Ah REDLITHIUM-ION™, Charger C12 C (30 min)*, adapter, 1 x plunge cut blade OSC 112, 1 x sanding backing pad, 16 x sanding sheets (4 of each grit: 60, 80, 120, 240), hex wrench, softbag

C12 RT-O Art. no. 4933427183 **M12**

M12™ cordless rotary tool

Features:

- Variable speed (5000–32,000 rpm)
- Versatile application range
- 0.8–3.2 mm collet fits all current accessories in the market
- Spindle lock mechanism for easy accessory changes
- Superior ergonomics and lightweight
- Tool belt portable at only 240 mm long and less than 0.6 kg
- Integrated fuel gauge and overload protection allows increased productivity and user comfort

Voltage	12 V/–
No load speed	5000–32,000 rpm
Collet size	0.8–3.2 mm
Weight	0.6 kg



Standard Equipment:

5 cutting wheels, mandrel, no batteries or charger supplied

*Charging time based on a 1.5 Ah battery

C12 PC-O Art. no. 4933411920 **M12**

M12™ copper pipe cutter

Features:

- Milwaukee® high performance 500 rpm motor cuts 12 mm copper pipe in less than 3 seconds
- Auto locking cut mechanism cuts installed copper tubing with as little as 37 mm clearance
- Auto adjusting jaws – automatically adjust to pipe size
- All metals sealed front end – rust and corrosion resistant cut head
- Slimline soft grip handle
- Built in LED light illuminates the work surface
- Fuel gauge displays remaining battery charge state



Battery pack voltage/capacity	12 V/–
No load speed	0–500 rpm
Copper tubes	12, 15, 18, 22, 25 & 28 mm
Min. space for tube cutting	80 mm
Length	360 mm
Weight with battery pack	1.5 kg

■ Spare wheels art. no. 48380010

Standard Equipment:

Carton, no batteries or charger supplied

C12 PPC-O Art. no. 4933416550 **M12**

M12™ PEX cutter

Features:

- Powerful mechanism cuts up to 50 mm PEX pipe in 3 seconds
- Variable speed trigger for complete cut control
- Super sharp blade for burr free cuts
- Highly efficient mechanism delivers over 200 cuts per charge
- 5 stage all metal gearing for extreme durability
- Massive cutting pressure of 175 kg
- Heavy Duty full metal gearbox and gears for superior durability and maximum torque
- Built in LED light illuminates the work surface
- Fuel gauge displays remaining battery charge state



Battery pack voltage/capacity	12 V/–
Max cut capacity	50 mm
Speed	0–500 rpm
Power	280 Nm
Weight with battery pack	2.3 kg

Standard Equipment:

Carton, no batteries or charger supplied

C12 PN-O Art. no. 4933427182 **M12**

M12™ cordless palm nailer

Features:

- Professional power – effectively drives 100 mm framing nails in less than 3 seconds
- Superior ergonomics – user-preferred palm style grip provides outstanding comfort and control
- Superior ergonomics – fits into locations where a hammer cannot be swung
- Run time drives up to 100x90 mm nails in a single charge
- Part of the M12™ system



Voltage	12 V/–
Percussion rate	2700 bpm
Nail size	100 mm
Weight with battery pack	1.6 kg

Standard Equipment:

Carton, no batteries or charger supplied

M12 HJ CAMO

M12

M12™ CAMO heated jacket

Features:

- Realtree™ AP pattern and specific fabric blend to reduce noise during movement
- Three sewn in carbon fiber heating zones provides comfortable and durable heating element
- Powered by M12™ REDLITHIUM-ION™ technology - provides heat for up to 6 hours of run-time
- Four heat settings with easy touch controller: Pre-Heat, High, Medium and Low settings for different heat needs
- New cold weather technology: multi-layered fabric to actively warm the body and stimulate blood circulation
- Water and wind resistant provides comfort and durability in harsh environments
- Expandable battery pouch for use with M12™ REDLITHIUM-ION™ 1.5 Ah or M12™ REDLITHIUM-ION™ 3.0 Ah battery pack**

Battery pack voltage/capacity	12 V/1.5 Ah
Heat zones	3 (R chest, L chest, back)
Heat settings	3 + warm-up feature
Pockets	2 side hand pockets + cell phone/MP3 chest pocket
Jacket material	Special soft shell fabric blend to reduce noise during movement – 100% Polyester
Weight	1.2 kg



3 carbon fibre heat zones, right chest, left chest and central back

M12 HJ CAMO-21

Article No.

L	4933427438
XL	4933427444
XXL	4933427449
XXXL	4933427454

Standard equipment: Charger C12 C (30 min.), battery 1 x M12 B 1.5 Ah REDLITHIUM-ION™, battery holder, battery holder connection lead



Concealed easy touch heat controller (located inside the lapel)

2 side hand pockets + cell phone/MP3 chest pocket



Expandable battery pouch for use with M12™ REDLITHIUM-ION™ 1.5 Ah or M12™ REDLITHIUM-ION™ 3.0 Ah battery pack**



M12 HJ

M12

M12™ heated jacket

Features:

- Three sewn in carbon fiber heating zones provides comfortable and durable heating element
- Powered by M12™ REDLITHIUM-ION™ technology - provides heat for up to 6 hours of run-time
- Four heat settings with easy touch controller: Pre-Heat, High, Medium and Low settings for different heat needs
- New cold weather technology: multi-layered fabric to actively warm the body and stimulate blood circulation
- Water and wind resistant provides comfort and durability in harsh environments
- Expandable battery pouch for use with M12™ REDLITHIUM-ION™ 1.5 Ah or M12™ REDLITHIUM-ION™ 3.0 Ah battery pack**

Battery pack voltage/capacity	12 V/1.5 Ah
Heat zones	3 (R chest, L chest, back)
Heat settings	3 + warm-up feature
Pockets	2 side hand pockets + cell phone/MP3 chest pocket
Jacket material	Soft shell: 95% Polyester / 5% Spandex
Weight	1.2 kg

M12 HJ-0 (Bare unit only)

Article No.

S	4933427395
M	4933427403
L	4933427410
XL	4933427417
XXL	4933427424
XXXL	4933427431

Standard equipment: No batteries or charger supplied, battery holder, battery holder connection lead

M12 HJ-21

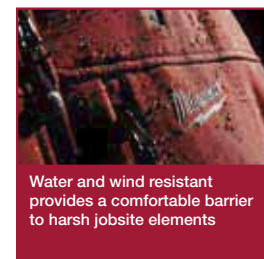
Article No.

S	4933427399
M	4933427406
L	4933427413
XL	4933427420
XXL	4933427427
XXXL	4933427434

Standard equipment: Charger C12 C (30 min.), battery 1 x M12 B 1.5 Ah REDLITHIUM-ION™, battery holder, battery holder connection lead



Heat settings



Water and wind resistant provides a comfortable barrier to harsh jobsite elements

Superior run time: up to 6 hours of continuous heat per battery charge



Convenient battery holder pocket on backside of jacket. Now takes 3.0 Ah battery** (battery sold separately)



C12 BL2-O Art. no. 4933416240

M12

M12™ plumb bob laser

Features:

- The first box laser on the market to integrate a power tool battery increasing its versatility and usage in conjunction with other tools in the range
- Increased accuracy over manual methods with level accuracy of 0.2 mm per metre
- Automatic levelling to +/- 0.2 mm per metre increases speed and accuracy
- High strength magnets located on the rear of the unit for use with metal stud work and tracking
- Out of level indicator; laser dot will blink to demonstrate that it is out of level by +/- 4 degrees
- Easy use one button operation

Accuracy	+/- 0.2 mm over 1 m
Laser classification	Class II 635 mw
Range	30 m

Standard Equipment:

Carrying pouch (no batteries or charger supplied)

C12 PP-O Art. no. 4933416560

M12

M12™ powerport

Features:

- Convenient charger for mobile equipment
- 12 V DC and USB ports for a variety of charging cables
- Charge status LED displays current charge progress of equipment
- Electronic overload protection – protects powerport and battery from excessive draw

Volts (DC)	12 V
Dimensions	125x53x58 mm

Standard Equipment:

No batteries or charger supplied

C12 JSR-O Art. no. 4933416365

M12

M12™ radio with MP3 player connection

Features:

- Advanced technology tuner delivering optimum reception and clarity
- Weather proof MP3 player compartment
- Powers from either M12™ battery or 240 V mains supply
- 8 hour run time on standard M12™ battery
- Weather proof aluminium speakers for rich, full sound
- Digital display tuner for accurate signal selection
- Mute button for instant volume kill
- Weight – 1.8 kg

Volts (DC)	12 V
Volts (AC)	220–240 V
Dimensions	267x102x178 mm
Net weight – radio only	1.8 kg

Standard Equipment:

220–240 V power adaptor, 3.5 mm jack plug for aux connection i.e iPods (no batteries or charger supplied)

C12-28 DCR-O Art. no. 4933416345

M12

M14

M18

M28

M12™ jobsite radio

Features:

- Exclusive AM/FM tuner with digital processor delivers highest reception accuracy and signal clarity
- Premium speakers and 40 W amplifier produce rich, full sound
- Weather sealed auxiliary compartment protects MP3 players and other audio devices
- Powered by M12™, M14™, M18™, M28™, V18, V28 & PBS 3000 batteries or an AC outlet
- Shock absorbing ABS polymer and steel construction protects against weather and abusive job site conditions
- Customizable equalizer and 10-station preset

Standard Equipment:

No batteries or charger supplied

Volts (DC)	12–28 V
M12™, M14™, M18™, M28™, V18, V28 & PBS 3000 batteries	
Volts (AC)	220–240 V
Dimensions	495x241x279 mm
Net weight – radio only	7.3 kg

M12 IC Art. no. 4933431250

M12 IC-O Art. no. 4933431615

M12

M12™ M-SPECTOR 360™ camera

Features:

- Rotating screen - screen rotates providing the user fluid image control
- Optimised 68.6 mm LCD - digital image and larger screen delivers crisp, clear picture
- 9 mm 640 x 480 digital image sensor - superior image quality in nearly half the size
- 4 surround LED lights - best in class brightness without shadow or glare
- Enhanced cable - aluminium head and improved flexibility deliver unmatched durability and pipe manoeuvrability
- Accessories - hook, magnet and mirror attachments help to inspect and solve

NEW

Battery pack voltage / capacity	12 V / 1.5 Ah
Display size	68.6 mm
Display resolution	320 x 240
Camera head diameter	9 mm
Camera cable length	914 mm
Weight with cable	0.6 kg

Standard Equipment:

Charger C12 C (30 min.), battery 1 x M12 B 1.5 Ah REDLITHIUM-ION™, hook, magnet, mirror, camera cable 914 mm, carrying case

C12 IC AV D Art. no. 4933416670

M12

M12™ digital inspection camera

Features:

- New bigger 88 mm full colour screen
- Video function
- Photo function
- Audio record function for analysis commentary
- Ability to rotate image 180°
- Complete with 2 GB SD memory card
- 4 x zoom
- Anti glare function
- 3 preset illumination levels
- 17 mm digital camera head allows for cable extensions to be added

Battery pack voltage / capacity	12 V / 1.5 Ah
Display size	88 mm
Image zoom	4 x
Camera head diameter	17 mm
Camera cable length	914 mm
Weight with cable	0.9 kg

Standard Equipment:

Charger C12 C (30 min.), battery 1 x M12 B 1.5 Ah REDLITHIUM-ION™, carrying case

C12 IC AV A Art. no. 4933416675

M12

M12™ analog inspection camera

Features:

- New bigger 88 mm full colour screen
- Video function
- Photo function
- Audio record function for analysis commentary
- Ability to rotate image 180°
- Complete with 2 GB SD memory card
- 4 x zoom
- Anti glare function
- 3 preset illumination levels

Battery pack voltage / capacity	12 V / 1.5 Ah
Display size	88 mm
Image zoom	4 x
Camera head diameter	9.5 mm
Camera cable length	914 mm
Weight with cable	0.9 kg

Standard Equipment:

Charger C12 C (30 min.), battery 1 x M12 B 1.5 Ah REDLITHIUM-ION™, carrying case

*Charging time based on a 1,5 Ah battery

C12 LTGE-O Art. no. 4933416977

M12[™] laser temperature gun

Features:

- 40:1 distance to spot ratio measures a 1 cm spot from 40 cm away
- Rugged over-moulding for increased durability and grip
- High contrast, easy to read display provides clearer readings
- Built-in LED flood light – lights the work area
- Ergonomic pistol grip design for ease of use
- Simplified user interface
- In addition to displaying the absolute temperature the unit also records the Min/Max/AVG temperature on each reading
- Rechargeable Milwaukee® M12[™] 12 V battery pack provides power for unmatched performance

Standard Equipment:

1 x thermocouple (K-type), carrying case, no batteries or charger supplied

Temperature range	–30°C to 800°C (–22°F to 1472°F)
Basic accuracy	1.50 %
Contact temperature	–40°C to 550°C (–40°F to 1022°F)
Display accuracy	0.1°C (0.1°F)
Response time	<500 mS
Emissivity	Adjustable 0.10 to 1.00



M12

C12 LTGH-O Art. no. 4933416978

M12[™] laser temperature gun for HVAC/R

Features:

- 40:1 distance to spot ratio measures a 1 cm spot from 40 cm away
- Rugged over-moulding for increased durability and grip
- High contrast, easy to read display provides clearer readings
- Built-in LED flood light – lights the work area
- Ergonomic pistol grip design for ease of use
- Simplified user interface and feature set specifically tailored to the HVAC/R technician
- The C12 LTGH-O also measures the humidity and dew point
- In addition to displaying the absolute temperature the unit also records the Min/Max/AVG temperature on each reading
- Rechargeable Milwaukee® M12[™] 12 V battery pack provides power for unmatched performance

Standard Equipment:

1 x thermocouple (K-type), carrying case, no batteries or charger supplied

Temperature range	–30°C to 800°C (–22°F to 1472°F)
Basic accuracy	1.50 %
Contact temperature	–40°C to 550°C (–40°F to 1022°F)
Display accuracy	0.1°C (0.1°F)
Response time	<500 mS
Emissivity	Adjustable 0.10 to 1.00



M12

C12 CME-O Art. no. 4933416981

M12[™] cordless clamp gun

Features:

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/ CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED flood light – lights the work area
- Simplified user interface and feature set specifically tailored to the electrician
- Ergonomic pistol grip design for ease of use
- Thin jaw profile for access to tight spaces

Standard Equipment:

1 x test lead set, carrying case, no batteries or charger supplied



CAT III 1000 V CAT IV 600 V IP 42

Jaw size	40 mm
Current AC/DC	1000 A
Voltage AC/DC	1000 V
Frequency	60 kHz
Resistance	600 kOhm
Continuity	Audible
Capacitance	4000 µF



M12

C12 CMH-O Art. no. 4933416979

M12[™] cordless clamp gun for HVAC/R

Features:

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/ CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED flood light – lights the work area
- Simplified user interface and feature set specifically tailored to the HVAC technician
- Ergonomic pistol grip design for ease of use
- Thin jaw profile for access to tight spaces
- Includes temperature function via thermocouple

Standard Equipment:

1 x test lead set, 1 x thermocouple (dual banana), carrying case, no batteries or charger supplied



CAT III 1000 V CAT IV 600 V IP 42

Jaw size	40 mm
Current AC/DC	600 A
Voltage AC/DC	1000 V
Resistance	600 kOhm
Continuity	Audible
Capacitance	4000 µF
Contact temperature	–40°C to 600°C (–40°F to 1000°F)



M12

2266-20 Art. no. 4933416971

Laser temperature gun

Features:

- 12:1 distance to spot ratio a 1 cm spot from 12 cm away
- Rugged over-moulding for increased durability and grip
- High contrast, easy to read display provides clearer readings
- Thermocouple input for contact temperature measurement
- Ergonomic pistol grip design for ease of use
- AA batteries included

Standard Equipment:

3 x AA batteries

Temperature range	–30°C to 500°C (–22°F to 932°F)
Basic accuracy	1.50 %
Contact temperature	–40°C to 450°C (–40°F to 852°F)
Repeatability	0.50 %
Display accuracy	0.1°C (0.1°F)
Response time	<500 mS
Emissivity	0.95



C12 FM-O Art. no. 4933427200

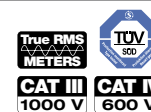
M12[™] cordless fork meter

Features:

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/ CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Simplified user interface and feature set specifically tailored to the electrician

Standard Equipment:

1 x test lead set, no batteries or chargers supplied, soft bag



CAT III 1000 V CAT IV 600 V IP 64

Battery pack voltage/capacity	12 V/1.5 Ah
Current AC/DC	200 A
Fork opening	16 mm
Voltage AC/DC	1000 V
Lo-Z measurement	Yes
Resistance	40 MOhm
Continuity	Audible



M12

C12 WS-O Art. no. 4933416415

M12[™] wall scanner

Features:

- Measures depth and location of rebar up to 15 cm through concrete
- Detects location of wood, PEX, PVC, plasterboard and metal
- Intuitive user interface displays stud centres and edges
- High contrast white on black display and backlight for easy reading
- Rugged over-moulding improves durability and user grip
- Auto calibration for all surfaces

Standard Equipment:

No batteries or charger supplied

Voltage	12 V
Displays metal depth	Yes
Scans plasterboard / tile / marble / concrete	Yes
Displays stud position	Yes
Backlight	Yes
Display	High Contrast White on Black, Dot Matrix



M12

LM 60 Art. no. 4933404715

Laser distance meter

Features:

- Point and shoot system – one person measuring with only one simple press of a button
- Measures distances up to 60 m indoors and outdoors
- Laser measuring accuracy to within +/-1.5 mm
- Large and easy to read 3 line LCD graphical display with additional backlight when required
- Flip out end piece for making measurements from edges or corners
- Memory recall for last 10 measurements
- Units of measure can be switched between metres or ft/inches
- Robust housing in ergonomic slimline design surrounded with a rubber soft grip bumper – ideal for rugged professional use

Standard Equipment:

2x AAA batteries, belt pouch, hand strap

IP 54

Measurement range	0.05 – 60 m
Accuracy	+/- 1.5 mm
Laser diode	635 nm
Laser class	2
Size	114x51x27 mm
Weight	120 g



2205-40 Art. no. 4933416972

Fork meter for electricians

Features:

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/ CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Simplified user interface and feature set specifically tailored to the electrician



Fork opening	16 mm
Current AC	200 A
Voltage AC/DC	1000 V
Lo-Z measurement	Yes
Resistance	40 MOhm
Continuity	Audible



Standard Equipment:

1 x test lead set, 2 x AA batteries, soft bag

2206-40 Art. no. 4933416973

Fork meter for HVAC/R

Features:

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 1000 V/ CAT IV 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Simplified user interface and feature set specifically tailored to the HVAC technician
- Includes temperature function via thermocouple



Fork opening	16 mm
Current AC/DC	200 A
Voltage AC/DC	1000 V
Resistance	40 MOhm
Capacitance	1000 µF
Contact temperature	–40°C to 400°C (–40°F to 752°F)
Continuity	Audible



Standard Equipment:

1 x test lead set, 1 x thermocouple (dual banana), 2 x AA batteries, soft bag

2216-40 Art. no. 4933427309

Light commercial multimeter

Features:

- TRMS always guarantees accurate readings
- CAT III 600 V for increased safety
- Rugged over-moulding increases durability and user grip
- Side mounted dial for one-handed use
- Auto range to mV



Current AC/DC	10 A
Voltage AC/DC	600 V
Frequency	10Hz-50KHz
Resistance	600.0 Ohm-40.00 MOhm
Continuity	Audible



Standard Equipment:

1 x electrical test lead set, 2 x AA batteries

2217-40 Art. no. 4933416976

Digital multimeter

Features:

- TRMS always guarantees accurate readings
- High contrast easy to read display provides clearer readings
- CAT III 600 V for increased safety
- Side mounted dial for one-handed use
- Feature set tailored to electrician – for intuitive use
- Lo-Z. – always guaranteed accurate readings
- Versatile contact temperature measurement
- Slide rail for accessory mount



Voltage AC/DC	600 V
Current AC/DC	10 A
Frequency	2.00 Hz – 50.00 kHz
Resistance	40 MOhm
Continuity	Audible
Capacitance	1000 µF
Contact temperature	–40°C to 538°C (–40°F to 1000.4°F)



Standard Equipment:

1 x test lead set, 1 x thermocouple (dual banana), 2 x AA battery, fabric case

2235-40 Art. no. 4933427315

Light commercial clamp meter

Features:

- TRMS always guarantees accurate readings
- CAT III 600 V for increased safety
- Rugged over-moulding increases durability and user grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Thin jaw profile for easier wire measurement in panels or in bundles



Jaw size	25 mm
Current AC	400 A
Voltage AC/DC	600 V
Resistance	40 MOhm
Continuity	Audible



Standard Equipment:

1 x test lead set, 2 x AA batteries

2236-40 Art. no. 4933416975

Clamp meter for HVAC/R

Features:

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Thin jaw profile for access to tight spaces
- Simplified user interface and feature set specifically tailored to the HVAC technician
- Includes temperature function via Thermocouple



Jaw size	32 mm
Current AC/DC	600 A
Voltage AC/DC	600 V
Resistance	6 kOhm
Capacitance	4000 µF
Contact temperature	–40°C to 400°C (–40°F to 752°F)
Continuity	Audible



Standard Equipment:

1 x test lead set, 1 x thermocouple (dual banana), 2 x AA batteries, soft bag

2237-40 Art. no. 4933416974

Clamp meter for electricians

Features:

- TRMS always guarantees accurate readings
- High contrast, easy to read display provides clearer readings
- Built-in non-contact voltage detector
- CAT III 600 V for increased safety
- Rugged over-moulding for increased durability and grip
- Built-in LED work light – lights the work area
- Side mounted dial for one-handed use
- Thin jaw profile for access to tight spaces
- Simplified user interface and feature set specifically tailored to the electrician
- Test lead inputs and lead supplied



Jaw size	32 mm
Current AC/DC	600 A
Voltage AC/DC	600 V
Frequency	10 kHz
Resistance	6 kOhm
Continuity	Audible
Capacitance	4000 µF



Standard Equipment:

1 x test lead set 2 x AA batteries, soft bag

T&M accessories

Ideal for clamp, fork & multimeters

Alligator clips

Art. no. 49771005

Test probes

Art. no. 49771004



PowerPack C12 PP3B-22B Art. no. 4933416575 **M12**

- C12 DD – Drill Driver
- C12 ID – Impact Driver
- C12 T – Lamp
- 2 x M12 B 1.5 Ah REDLITHIUM-ION™ batteries
- Charger C12 C (30 min.)*
- Milwaukee® soft bag



PowerPack C12 PP4B-22B Art. no. 4933416495 **M12**

- C12 DD – Drill Driver
- C12 ID – Impact Driver
- C12 HZ – HACKZALL
- C12 T – Lamp
- 2 x M12 B 1.5 Ah REDLITHIUM-ION™ batteries
- Charger C12 C (30 min.)*
- Milwaukee® soft bag



PowerPack C12 PP2C-32B Art. no. 4933416530 **M12**

- C12 DD – Drill Driver
- C12 HZ – HACKZALL
- 2 x M12 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C12 C (30 min.)*
- Milwaukee® soft bag



PowerPack C12 PP2H-32X Art. no. 4933427181 **M12**

- C12 MT – Multi-tool
- C12 PD – Percussion Drill Driver
- 2 x M12 BX 3.0 Ah REDLITHIUM-ION™ batteries
- Charger C12 C (30 min.)*
- Kitbox



PowerPack C12 PP4F-42B Art. no. 4933413795 **M12**

- C12 PD – Percussion Drill Driver
- C12 HZ – HACKZALL
- C12 RAD – Right Angle Driver
- C12 T – Lamp
- 1 x M12 B 1.5 Ah REDLITHIUM-ION™ battery
- 1 x M12 BX 3.0 Ah REDLITHIUM-ION™ battery
- C12 C Charger (30 min.)*
- Contractor bag



PowerPack C12 PP4D-42B Art. no. 4933413770 **M12**

- C12 PD – Percussion Drill Driver
- C12 PC – Copper Pipe Cutter
- C12 RAD – Right Angle Driver
- C12 T – Lamp
- 1 x M12 B 1.5 Ah REDLITHIUM-ION™ battery
- 1 x M12 BX 3.0 Ah REDLITHIUM-ION™ battery
- C12 C Charger (30 min.)*
- Contractor bag



PDD 14.4 X NiMH Art. no. 4933401466

14.4 V drill driver with quick release chuck

Features:

- Compact, light and well balanced
- FIXTEC and keyless chuck for comfortable, one-handed bit changing
- All-metal, high quality, extremely durable keyless chuck
- QUICKSTOP motor brake
- 21-stage torque adjustment plus additional drilling stage giving greater flexibility and precision whatever the material and screw size
- Electronic switch with variable speed
- Two-speed planetary synchromesh gear for max. torque
- Ergonomic soft grip T-handle

Battery pack voltage/capacity	14.4 V/3.0 Ah
No load speed (1st gear/2nd gear)	0–480/0–1500 rpm
Keyless chuck	1.5–13 mm
Max. drilling capacity in steel/wood	13/36 mm
Wood screws to	10 mm
Max. torque soft joint/hard joint	26/60 Nm
Weight with battery pack	2.4 kg



Standard Equipment:

RCA 7224 MB charger, 2x3.0 Ah NiMH batteries, carrying case

PDD 14.4 X (2x2.0 Ah NiCd)

Art. no. 4933401453

PLD 14.4 X NiMH Art. no. 4933390642

14.4 V drill driver

Features:

- Designed for professional daily use with excellent weight/performance ratio
- Exclusive CLIP-LOK™ system
- Two-speed planetary synchromesh gear for max. torque
- Electronic switch with variable speed for improved accuracy and less damage to screw-heads
- Forward/Lock/Reverse switch well-positioned for easy operation
- QUICKSTOP motor brake: spindle comes to an instant stand still for optimal efficiency and user safety
- 20-stage torque adjustment plus additional drilling stage giving greater flexibility and precision whatever the material and screw size

Battery pack voltage/capacity	14.4 V/3.0 Ah
No load speed (1st gear/2nd gear)	0–400/0–1400 rpm
Keyless chuck	1.5–13 mm
Max. drilling capacity in steel/wood	13/33 mm
Wood screws to	10 mm
Max. torque soft joint/hard joint	21/44 Nm
Weight with battery pack	2.4 kg



Standard Equipment:

RCA 7224 MB charger, 2x3.0 Ah NiMH batteries, carrying case

PLD 14.4 X (2x2.0 Ah NiCd)

Art. no. 4933390636

PSG 14.4 PP-O Art. no. 4933382700

14.4 V die grinder

Features:

- Precise rotation
- Long, slender spindle neck for easier work in awkward places
- Compatible with 14.4 or 12 V battery packs



Battery pack voltage/capacity	14.4 V/–
No load stroke rate/speed	25,000 rpm
Point-Ø	25 mm
Weight with battery pack	2.2 kg

Standard Equipment:

No batteries or charger

PDD 12 X NiMH Art. no. 4933401468

12 V drill driver with quick release chuck

Features:

- Compact, light and well balanced
- FIXTEC and keyless chuck for comfortable, one-handed bit changing
- All-metal, high quality, extremely durable keyless chuck
- QUICKSTOP motor brake
- 21-stage torque adjustment plus additional drilling stage giving greater flexibility and precision whatever the material and screw size
- Electronic switch with variable speed
- Two-speed planetary synchromesh gear for max. torque
- Ergonomic soft grip T-handle

Battery pack voltage/capacity	12 V/3.0 Ah
No load speed (1st gear/2nd gear)	0–400/0–1300 rpm
Keyless chuck	1.5–13 mm
Drill Ø in steel/wood	13/34 mm
Wood screws to	8 mm
Max. torque soft joint/hard joint	22/50 Nm
Weight with battery pack	2.2 kg



Standard Equipment:

RCA 7224 MB charger, 2x3.0 Ah NiMH batteries, carrying case

PDD 12 X (2x2.0 Ah NiCd)

Art. no. 4933401460

PLD 12 X NiMH Art. no. 4933390639

12 V drill driver

Features:

- Designed for professional daily use with excellent weight/performance ratio
- Exclusive CLIP-LOK™ system allows for convenient, hands-free, transportation of the drill and provides a convenient place to position the tool
- Two-speed planetary synchromesh gear for max. torque
- Electronic switch with variable speed for improved accuracy and less damage to screw-heads
- Forward/Lock/Reverse switch well-positioned for easy operation
- QUICKSTOP motor brake: spindle comes to an instant stand still for optimal efficiency and user safety

Battery pack voltage/capacity	12 V/3.0 Ah
No load speed (1st gear/2nd gear)	0–380/0–1250 rpm
Keyless chuck	1.5–13 mm
Max. drilling capacity in steel/wood	13/31 mm
Wood screws to	8 mm
Max. torque soft joint/hard joint	18/38 Nm
Weight with battery pack	2.0 kg



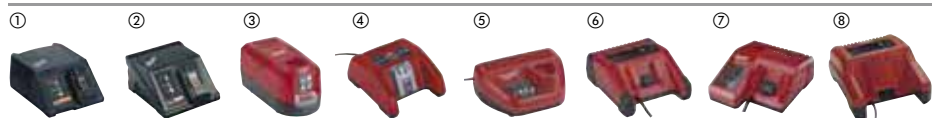
Standard Equipment:

RCA 7224 MB charger, 2x3.0 Ah NiMH batteries, metal keyless chuck, CLIP-LOK™ system, screwdriver bits, carrying case

PLD 12 X (2x2.0 Ah NiCd)

Art. no. 4933390631

Chargers



Description	System	Charging range	Max. charging time for NiCd/Li-Ion battery packs	NiCd	NiMH	Li-Ion	RED-LITHIUM-ION™	Country specification	Id. No.
① TCA 7224 MB	PBS 3000	7.2–24 V	12 min.	●	●	–	–	europa	4932399035
② RCA 7224 MB	PBS 3000	7.2–24 V	47 min.	●	●	–	–	europa	4932386670
③ V4 C		4 V	30 min.	–	–	●	–	europa	4932399983
④ V1828 C		18–28 V	30/60 min.	●	●	●	–	europa	4932399507
⑤ C12 C		12 V	30/60 min.	–	–	●	●	europa	4932352000
⑥ C1418 C		14.4–18 V	30/60 min.	–	–	●	●	europa	4932352485
⑦ M12-18 C		12–18 V	30/60 min.	–	–	●	●	europa	4932352959
⑧ M28 C		28 V	60 min.	–	–	●	–	europa	4932352524

Batteries



Description	System	Battery type	Voltage V	Capacity Ah	Id. No.
① V4 B		Li-Ion	4	3.0	4932399982
② M12 B		REDLITHIUM-ION™	12	1.5	4932352663
③ M12 BX		REDLITHIUM-ION™	12	3.0	4932352664
④ M14 B		REDLITHIUM-ION™	14.4	1.5	4932352665
⑤ M14 BX		REDLITHIUM-ION™	14.4	3.0	4932352666
⑥ M18 B		REDLITHIUM-ION™	18	1.5	4932352667
⑦ M18 BX		REDLITHIUM-ION™	18	3.0	4932352668
⑧ M28 BX		REDLITHIUM-ION™	28	3.0	4932352732



Description	System	Battery type	Voltage V	Capacity Ah	Id. No.
① B 12	PBS 3000	NiCd	12	1.4	4932373527
① BXS 12	PBS 3000	NiCd	12	2.0	4932373529
① BXL 12	PBS 3000	NiCd	12	2.4	4932373530
② MXL 12	PBS 3000	NiMH	12	3.0	4932399311
③ BXS 14.4	PBS 3000	NiCd	14.4	2.0	4932373540
③ BXL 14.4	PBS 3000	NiCd	14.4	2.4	4932373541
④ MXL 14.4	PBS 3000	NiMH	14.4	3.0	4932399413
⑤ BXL 24	PBS 3000	NiCd	24	2.4	4932373560

Lamps & bulbs



Description	System	Battery compatibility	Id. No.
① PL Option (supplied without battery)	PBS 3000	7.2–14.4 V	4932399024
Spare bulb			4931366379
② WL 1214 (supplied without battery)	PBS 3000	12–14.4 V	4932399741
Spare bulb			49810020
③ M28 WL (supplied without battery)		28 V	4932352526
Spare bulb			49810030
M28 WL LED (supplied without battery)		1.5/3.0 Ah	4932352527
④ C12 T (supplied without battery)		1.5 Ah	4932352159
Spare bulb			49810020
⑤ C12 T LED (supplied without battery)		1.5 Ah	4932352478
⑥ C18 WL (supplied without battery)		1.5/3.0 Ah	4932352158
Spare bulb			49810030
⑦ C18 WL LED (supplied without battery)		1.5/3.0 Ah	4932352479

Cordless circular saw blades for wood



	Ø mm	Bore size mm	Number of teeth	Id. No.
①	165/6½"	15.87/¾"	24	4932352313
②	165/6½"	15.87/¾"	40	4932352314

Cordless circular saw blades for metal



	Ø mm	Bore size mm	Number of teeth	Application	Id. No.
①	135	20	30 50	suitable for ferrous metal suitable for non-ferrous metal	48404070 48404075
②	165 (6½")	15.87/¾"	48	suitable for ferrous metal	48404015
③	174	20	36 50	suitable for ferrous metal	48404016 48404017



Nothing but **HEAVY DUTY™**

SHOCKWAVE IMPACT DUTY ACCESSORIES



**Compression
Forged Tip**
Ideal fit and
reduces breakage



**Shock Zone
Geometry™**
Designed to flex with
spring-like action
Reduces stress
at the tip



**Custom Engineered
Steel & Heat Treatment**
High shock resistance



* patent pending

28 pcs Fastening Set

Shockwave Impact Duty™
bits and nut drivers
Art. no. 4932352455

6 pcs HSS-G Drill Bits Set

Shockwave Impact Duty™
drill bits with 1/2" Hex shank
Contents:
Ø 3 / 4 / 5 / 6 / 7 / 8 mm
Art. no. 4932352454

30 piece Shockwave compact drill & drive set

Shockwave Impact Duty™ drill bits
and screwdriving bits
Art. no. 4932352894

Shockwave Impact Duty™ sockets set

Shockwave Impact Duty™ sockets
10 piece 1/2" Art. no. 4932352861
20 piece 3/8" Art. no. 4932352862

15 pcs Compact Screwdriving Set

Shockwave Impact Duty™ bits
Art. no. 4932352604

5 pcs Nut Drivers Set

Shockwave Impact Duty™
nut drivers
Art. no. 4932352822

Screwdriving Range

available in 25 mm, 50 mm,
90 mm length
as 1/2 pcs, 25 pcs packs
in Phillips, Pozidrive, Torx
and Hex

Shockwave Impact Duty™ drive guide cassettes

- Slimline pocket design
- Drive Guide bit holder with extendable sleeve to hold long screws secure. Up to 110 mm total length
- Front loading screwdriver handle
- Metal wire stripper for Ø 0.75 / 1.0 / 1.5 / 2.5 mm²
- Wire loop maker up to 5 mm²



12 piece Shockwave drive guide set 1 Contents:

- 1 x PH2
- 1 x PZ1 / 2 x PZ2 / 1 x PZ3
- 1 x TX20 / 1 x TX25
- 1 x SL 0.6 x 4.5 mm / 1 x SL 0.8 x 5.5 mm
- 1 x Hex 4 / 1 x Hex 5
- 1 x drive guide bit holder 75 mm length

Art. no. 4932352940

12 piece Shockwave drive guide set 2 Contents:

- 1 x PH2
- 1 x PZ1 / 2 x PZ2 / 1 x PZ3
- 1 x TX15 / 1 x TX20 / 2 x TX25 / 1 x TX30 / 1 x TX40
- 1 x drive guide bit holder 75 mm length

Art. no. 4932352941

KNUCKLE™

Available 2013

Offset attachment for heavy duty impact applications

- Impact rated. Can be used with both cordless and impact drills
- Very compact offset attachment
- Ideally suited to working in confined and limited spaces
- Solid metal construction to absorb impact action
- 0° and 30° positions
- 1/2" Hex shank fits directly into the chuck preventing slippage



* Height when 30° tilted 40 mm

11 piece Knuckle set - Shockwave Impact Duty™ bits

- Contents:**
- 1 x Knuckle™
 - 25 mm length: 1 x PH1 / 2 x PH2
1 x PZ1 / 2 x PZ2 / 1 x PZ3
1 x TX15 / 1 x TX20 / 1 x TX25

Art. no. 4932352938



SHOCKWAVE
IMPACT DUTY



SHOCKWAVE
IMPACT DUTY



CONSTRUCTION



Kango 950 S Art. no. 4933375710 (SDS-Max fitting)

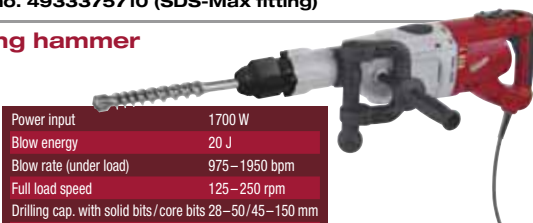
10 kg class drilling and breaking hammer

Features:

- 20 J blow energy for best in class breaking performance
- 1700 watt motor – best in class with plenty in reserve for the toughest applications
- Ideal for usage with generators
- DIGITRONIC®-fullwave electronics for precise power adjustment to application
- 3 handles – all with AVS (Anti-Vibration-System) and soft grip for comfortable and less tiring use
- In-Line motor design for more comfort in below waist applications
- Automatic lubrication system for longer life time

Standard Equipment:

6 m cable, additional front spade handle, auxiliary straight handle, dust shield, grease, carrying case



Power input	1700 W
Blow energy	20 J
Blow rate (under load)	975–1950 bpm
Full load speed	125–250 rpm
Drilling cap. with solid bits/core bits	28–50/45–150 mm
Drilling capacity with tunnel bits	50–80 mm
Weight with straight handle	11.8 kg
Vibration level (3-axis) drilling into concrete/breaking	12.5/11.0 m/s²

Kango 950 K
■ with K-Hex bit fitting
Art. no. 4933375500

Kango 900 S Art. no. 4933375720 (SDS-Max fitting)

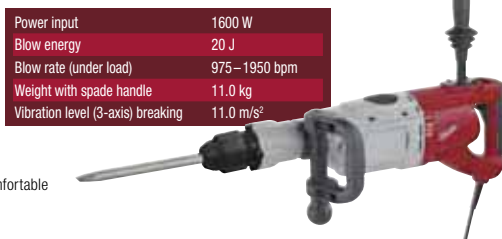
10 kg class breaking hammer

Features:

- 20 J blow energy for best in class breaking performance
- 1600 watt motor – best in class with plenty in reserve for the toughest applications
- Ideal for usage with generators
- DIGITRONIC®-fullwave electronics for precise power adjustment to application
- 3 handles – all with AVS (Anti-Vibration-System) and soft grip for comfortable and less tiring use
- In-Line motor design for more comfort in below waist applications
- Automatic lubrication system for longer life time

Standard Equipment:

6 m cable, additional front spade handle, auxiliary straight handle, dust shield, grease, carrying case



Power input	1600 W
Blow energy	20 J
Blow rate (under load)	975–1950 bpm
Weight with spade handle	11.0 kg
Vibration level (3-axis) breaking	11.0 m/s²

Kango 900 K
■ with K-Hex bit fitting
Art. no. 4933375650

Kango 750 S Art. no. 4933398600

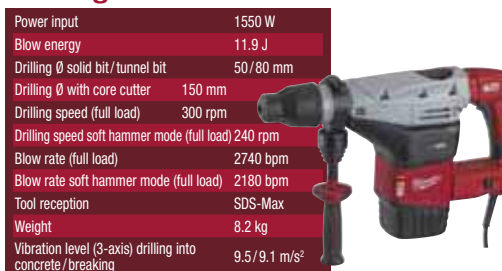
7 kg class SDS-Max drilling and breaking hammer

Features:

- AVS (Anti-Vibration-System) and soft grip on front and back handle
- Soft hammer mode reduces blow energy for chiselling in sensitive materials
- Soft start for precise start of drilling/chiselling
- Powerful 1550 watt ensures maximum power yet due to better heat dissipation, guarantees maximum possible durability
- Large, heavy weight striker delivers maximum impact energy
- Service indicator light
- Power light informs if electricity flows
- Roto-Stop and multi-position chisel function

Standard Equipment:

6 m cable, additional straight handle, grease, carrying case



Power input	1550 W
Blow energy	11.9 J
Drilling Ø solid bit/tunnel bit	50/80 mm
Drilling Ø with core cutter	150 mm
Drilling speed (full load)	300 rpm
Drilling speed soft hammer mode (full load)	240 rpm
Blow rate (full load)	2740 bpm
Blow rate soft hammer mode (full load)	2180 bpm
Tool reception	SDS-Max
Weight	8.2 kg
Vibration level (3-axis) drilling into concrete/breaking	9.5/9.1 m/s²

Kango 545 S Art. no. 4933398200

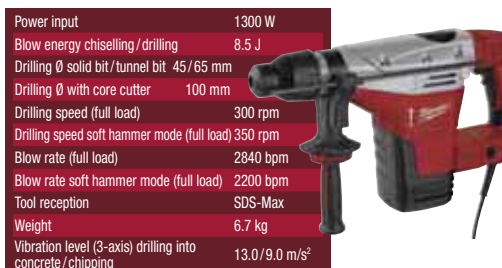
5 kg class SDS-Max drilling and chipping hammer

Features:

- AVS (Anti-Vibration-System) and soft grip on front and back handle
- Soft hammer mode reduces blow energy for drilling/chiselling in sensitive materials
- Soft start for precise start of drilling/chiselling
- Constant electronic for keeping the speed uniform even under load
- Lock-on switch for more comfortable extended use
- Service indicator light
- Power light informs if electricity flows
- Additional handle can be fixed in 3 different positions
- Roto-Stop and multi-position chisel function

Standard Equipment:

6 m cable, auxiliary straight handle, grease, carrying case



Power input	1300 W
Blow energy chiselling/drilling	8.5 J
Drilling Ø solid bit/tunnel bit	45/65 mm
Drilling Ø with core cutter	100 mm
Drilling speed (full load)	300 rpm
Drilling speed soft hammer mode (full load)	350 rpm
Blow rate (full load)	2840 bpm
Blow rate soft hammer mode (full load)	2200 bpm
Tool reception	SDS-Max
Weight	6.7 kg
Vibration level (3-axis) drilling into concrete/chipping	13.0/9.0 m/s²

Kango 540 S Art. no. 4933418100

5 kg class combi hammer

Features:

- Best power to weight ratio in its class
- 2 mode SDS-Max combi hammer
- Roto-stop and multi position chisel function gives 12 different positions to optimize working angle
- Safety clutch protects operator and machine if drill bit jams
- Robust magnesium gear housing for tough environments, exact seat fitting of gear components and better cooling
- Low vibration construction enhances usage time per day
- Soft grip main side handle

Standard Equipment:

4 m cable, additional handle, grease, carrying case



Power input	1100 W
No load speed	450 rpm
Blow rate (full load)	3000 bpm
Blow energy	7.5 J
Max. drilling cap. with concrete drill/tunnel bits/core bits	40/65/105 mm
Tool reception	SDS-Max
Weight	6.3 kg
Vibration level (3-axis) drilling into concrete	16.0 m/s²

NEW

Kango 500 S Art. no. 4933398220

5 kg class chipping hammer

Features:

- AVS (Anti-Vibration-System) and soft grip on front and back handle
- Soft hammer mode reduces blow energy for chiselling in sensitive materials
- Soft start for precise start of chiselling
- Constant electronic for keeping the speed uniform even under load
- Lock-on switch for more comfortable extended use
- Service indicator light
- Power light informs if electricity flows
- Front D-shaped handle, ideally designed for chipping work, is fully adjustable to maximise operator comfort
- Variolock (12 positions) for selecting the most appropriate chisel angle

Standard Equipment:

6 m cable, additional front spade handle, grease, point chisel, carrying case



Power input	1300 W
Blow energy	8.5 J
Blow rate (full load)	2840 bpm
Blow rate soft hammer mode (full load)	2200 bpm
Tool reception	SDS-Max
Weight	6.3 kg
Vibration level (3-axis) chipping	9.0 m/s²

PCE 3 Art. no. 4933384300

3 kg class SDS-plus chipping hammer

Features:

- Fully insulated metal gearbox for maximum stability
- AVS (Anti-Vibration-System) and Softgrip for less tiring operation
- Variolock (35 positions) for setting the face of the chisel
- Lock-on switch for more comfortable extended use
- Lightweight, ergonomic front handle is fully adjustable and can be securely fixed in the best position to suit the required drilling angle
- Electronics with accelerator switch

Standard Equipment:

4 m cable, additional handle, carrying case



Power input	720 W
Blow energy	3.6 J
Blow rate (full load)	0–3650 bpm
Weight	3.7 kg
Vibration level (3-axis) chipping	15.5 m/s²

PLH 30 XE Art. no. 4933400082

30 mm SDS-plus hammer

Features:

- Tough, durable hammer with excellent drilling performance in concrete from the high torque motor and gears and a 3.4 joule single blow energy
- Good balance and easy handling from the compact 'L-shape' design with AVS (Anti-Vibration-System) and soft grip handle
- Fast tool changing from the FIXTEC system
- Heavy Duty magnesium gear casing for optimum seating of gears for a longer operational life
- Reliable safety clutch protects machine and user

Standard Equipment:

4 m cable, front handle with metal depth gauge, bit lubricant, adaptor with 13 mm keyed chuck, flat chisel, 10/12/14 mm drill bits, carrying case



Power input	750 W
Max. drilling capacity in concrete	30 mm
Max. drilling capacity in stone	30 mm
Max. drilling capacity in wood/steel	40/16 mm
Full load speed	0–740 rpm
Full load hammer action	0–4200 bpm
Blow energy	3.4 J
Weight	3.6 kg
Vibration level (3-axis) drilling into concrete/chipping	20.0/13.5 m/s²

PLH 30 E
■ without FIXTEC
Art. no. 4933400099

PLH 32 XE Art. no. 4933400069

32 mm SDS-plus hammer

Features:

- Tough, durable hammer with excellent drilling performance in concrete from the high torque motor and gears and a 3.8 joule single blow energy
- Good balance and easy handling from the compact 'L-shape' design with AVS (Anti-Vibration-System) and soft grip handle
- Fast tool changing from the FIXTEC system
- Heavy Duty magnesium gear casing for optimum seating of gears for a longer operational life
- Reliable safety clutch protects machine and user

Power input	900 W
Max. drilling capacity in concrete	32 mm
Max. drilling capacity in stone	32 mm
Max. drilling capacity in wood/steel	40/16 mm
Full load speed	0–800 rpm
Full load hammer action	0–4500 bpm
Blow energy	3.8 J
Weight	3.6 kg
Vibration level (3-axis) drilling into concrete/chiselling	22.0/15.5 m/s²

Standard Equipment:

4 m cable, front handle with metal depth gauge, bit lubricant, adaptor with 13 mm keyless chuck, carrying case

PH 30 Power X Art. no. 4933396420

30 mm SDS-plus 3-mode hammer

Features:

- Over sized heavy weight striker delivers 3.6 joules of impact energy
- 1030 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Low vibration due to ergonomic soft grip on main and side handle
- Greatest durability in class is achieved by utilising integrated metal block technology in the gearing mechanism
- Brush rotation ring (for same power in forward & reverse action)
- Soft hammer mode for drilling in sensitive materials
- Fast tool changing from FIXTEC system
- Soft start for precise start of drilling/chiselling

Power input	1030 W
Max. drilling capacity in concrete	30 mm
Max. drilling capacity in wood/steel	40/13 mm
Full load hammer action	0–3800 bpm
Blow energy	3.6 J
Weight	2.9 kg
Vibration level (3-axis) drilling into concrete/chipping	22.0/14.0 m/s²

Standard Equipment:

4 m cable, FIXTEC adaptor with keyless chuck, side handle with metal depth gauge, carrying case

PH 28 X Art. no. 4933396392

28 mm SDS-plus 3-mode hammer

Features:

- Over sized heavy weight striker delivers 3.4 joules of impact energy
- 820 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Low vibration due to ergonomic soft grip on main and side handle
- Greatest durability in class is achieved by utilising integrated metal block technology in the gearing mechanism
- Brush rotation ring (for same power in forward & reverse action)
- Fast tool changing
- Reliable safety clutch protecting machine and end user

Power input	820 W
Max. drilling capacity in concrete	28 mm
Max. drilling capacity in wood	30 mm
Max. drilling capacity in steel	13 mm
Full load hammer action	0–4000 bpm
Blow energy	3.4 J
Weight	2.9 kg
Vibration level (3-axis) drilling into concrete/chipping	22.0/14.0 m/s²

Standard Equipment:

4 m cable, FIXTEC adaptor with keyless chuck, side handle with metal depth gauge, carrying case

PH 28 Art. no. 4933396396

28 mm SDS-plus 3-mode hammer

Features:

- Over sized heavy weight striker delivers 3.4 joules of impact energy
- 820 watt motor combined with optimised drilling speed results in unsurpassed drilling performance
- Low vibration due to ergonomic soft grip on main and side handle
- Greatest durability in class is achieved by utilising integrated metal block technology in the gearing mechanism
- Brush rotation ring (for same power in forward & reverse action)
- Reliable safety clutch protecting machine and end user

Power input	820 W
Max. drilling capacity in concrete	28 mm
Max. drilling capacity in wood	30 mm
Max. drilling capacity in steel	13 mm
Full load hammer action	0–4000 bpm
Blow energy	3.4 J
Weight	2.7 kg
Vibration level (3-axis) drilling into concrete/chipping	22.0/14.0 m/s²

Standard Equipment:

4 m cable, side handle with metal depth gauge, carrying case



LONGER THAN LIFE!

+ 50% LONGER LIFE TIME



Thanks to the optimum 4x90° symmetry, all four carbide cutting edges function evenly and do not jam up when hitting rebar.



Solid one piece carbide tip for outstanding life time.



Centering tip for straight forward spot drilling with pinpoint accuracy.



Four symmetrically spiral shoulders ensure low, uniform flute wear.



Thicker core body for low vibration and extra strength minimising drill bit breakages.



The PGM seal guarantees precisely fitting anchor application holes over the entire life time of the drill bit.



SDS-plus RX4 drill bits – 4 cut

SDS-plus drill bit set (5-piece) Plastic container

Contents:

Ø 5/6x110 mm
Ø 6/8/10x160 mm
Art. no. 4932352833

SDS-plus drill bit set (5-piece) Plastic container

Contents:

Ø 5.5x110 mm
Ø 5.5/6/7/8x160 mm
Art. no. 4932352835

SDS-plus drill bit set (7-piece) Plastic cassette

Contents:

Ø 5/6/8x110 mm
Ø 6/8/10/12x160 mm
Art. no. 4932352051



PH 26 X Art. no. 4933428250

26 mm SDS-plus 3-mode hammer

Features:

- Most compact, slimline hammer available in its class
- Unmatched performance with 2.4 J blow energy and 4500 bpm
- Lowest vibration at drilling into concrete: only 13.5 m/s²
- Extreme Milwaukee® durability thanks to integrated metal block technology
- Fast tool changing from the FIXTEC system
- Innovative and patented internal weight reduction technology
- Hammer stop function
- Safety clutch

Power input	725 W
Max. drilling capacity in concrete	26 mm
Max. drilling capacity in wood/steel	30/13 mm
Full load hammer action	0–4500 bpm
Blow energy	2.4 J
Weight	2.6 kg
Vibration level (3-axis) drilling into concrete/chipping	13.5/8.5 m/s ²



Standard Equipment:

4 m cable, FIXTEC adaptor with keyless chuck, side handle with metal depth gauge, carrying case

PH 26 Art. no. 4933428240

26 mm SDS-plus 3-mode hammer

Features:

- Most compact, slimline hammer available in its class
- Unmatched performance with 2.4 J blow energy and 4500 bpm
- Lowest vibration at drilling into concrete: only 13.5 m/s²
- Extreme Milwaukee® durability thanks to integrated metal block technology
- Innovative and patented internal weight reduction technology
- Hammer stop function
- Safety clutch

Power input	725 W
Max. drilling capacity in concrete	26 mm
Max. drilling capacity in wood/steel	30/13 mm
Full load hammer action	0–4500 bpm
Blow energy	2.4 J
Weight	2.4 kg
Vibration level (3-axis) drilling into concrete/chipping	13.5/8.5 m/s ²



Standard Equipment:

4 m cable, side handle with metal depth gauge, carrying case

PFH 26 Art. no. 4933428230

26 mm SDS-plus 2-mode fixing hammer

Features:

- Most compact, slimline fixing hammer available in its class
- Unmatched performance with 2.4 J blow energy and 4500 bpm
- Lowest vibration at drilling into concrete: only 13.5 m/s²
- Extreme Milwaukee® durability thanks to integrated metal block technology
- Innovative and patented internal weight reduction technology
- Hammer stop function – turns off the hammering action – for screw driving applications or drilling without percussion in wood/metal
- Brush rotation ring (for same power in forward & reverse action)

Power input	725 W
Max. drilling capacity in concrete	26 mm
Max. drilling capacity in wood	30 mm
Max. drilling capacity in steel	13 mm
Full load hammer action	0–4500 bpm
Blow energy	2.4 J
Weight	2.4 kg
Vibration level (3-axis) drilling into concrete	13.5 m/s ²



Standard Equipment:

4 m cable, side handle with metal depth gauge, carrying case

PLH 26 XE Art. no. 4933392642 PLH 26 E Art. no. 4933392626

26 mm SDS-plus hammer

Features:

- Tough, durable hammer with excellent drilling performance in concrete from the high torque motor and gears and a 2.8 joule single blow energy
- Good balance and easy handling from the compact 'L-shape' design with AVS (Anti-Vibration-System) and soft grip handle
- Fast tool changing from the FIXTEC system
- Heavy Duty magnesium gear casing for optimum seating of gears for a longer operational life
- Reliable safety clutch protects machine and user
- Soft hammer mode for drilling in sensitive materials

Power input	770 W
Max. drilling capacity in concrete	26 mm
Max. drilling capacity in stone	26 mm
Max. drilling capacity in wood/steel	30/13 mm
Full load speed	0–1050 rpm
Full load hammer action	0–4500 bpm
Blow energy	2.8 J
Weight	3.1 kg
Vibration level (3-axis) drilling into concrete/chipping	14.5/13.0 m/s ²



Standard Equipment:

4 m cable, front handle with metal depth gauge, SDS-plus chuck, adaptor with keyless chuck, carrying case

PLH 20 Art. no. 4933408070

SDS-plus fixing hammer

Features:

- SDS-plus chuck
- Optimised hammer drilling 5–12 mm
- Safety clutch protects machine and user if drill bit jams
- AVS (Anti-Vibration-System) for more comfortable use and less strain on the user
- Motor cooling airflow is designed in a way that blows drilling debris away from user when drilling overhead

Power input	620 W
Max. drilling capacity in concrete	20 mm
Max. drilling capacity in wood	30 mm
Max. drilling capacity in steel	13 mm
Full load speed	0–2700 rpm
Full load hammer action	0–4400 bpm
Impact energy	2.0 J
Weight	1.9 kg
Vibration level (3-axis) drilling into concrete	10.2 m/s ²



Standard Equipment:

4 m cable, side handle with depth stop, carrying case

PD2E 24 RST Art. no. 4933380796

1200 W, 2-speed percussion drill

Features:

- AVS (Anti-Vibration-System) and soft grip for more comfortable use
- Metal gearbox for outstanding durability
- Torque control for screw driving applications
- Direct bit reception for reduced length and weight
- Safety clutch to protect the user
- Soft start
- Electronics with variable speed selection and reverse

Power input	1200 W
Drill Ø in concrete/stone	22/24 mm
Drill Ø in steel/wood	16/45 mm
Static stalling torque (1st/2nd gear)	56/32 Nm
No load speed (1st/2nd gear)	0–1450/0–3400 rpm
Chuck (keyless)	1.5–13 mm
Weight	3.1 kg



Standard Equipment:

4 m cable, additional handle with metal depth gauge, carrying case

PD2E 24 R Art. no. 4933419595

1020 W, 2-speed percussion drill

Features:

- 1020 W with 1000-3200 RPM and 40,000 BPM
- 2-speed metal gear case for ultimate durability
- 13 mm metal keyless chuck for fast and easy accessory change
- Safety clutch ensures responsive user protection
- Anti-vibration system and large soft grip areas for greater user comfort during work

Power input	1020 W
Drill Ø in concrete/stone	22/24 mm
Drill Ø in steel/wood	16/40 mm
Static stalling torque (1st/2nd gear)	60/33 Nm
No load speed (1st/2nd gear)	0–1000/0–3200 rpm
Weight	2.9 kg



Standard Equipment:

4 m cable, additional handle with metal depth gauge, carrying case

SB 2-35 D Art. no. 4933380507

1010 W, 2-speed percussion drill

Features:

- Metal gearbox for outstanding durability
- High torque and lower speed for tough applications
- Variable speed
- Hammer action stop for rotary drilling only
- 16 mm metal keyed chuck

Power input	1010 W
Drill Ø in concrete / stone	35 / 40 mm
Drill Ø in steel / wood	16 / 50 mm
Static stalling torque (1st / 2nd gear)	88 / 67 Nm
No load speed (1st / 2nd gear)	800 / 1800 rpm
Chuck (keyed)	3 – 16 mm
Weight	4.2 kg



Standard Equipment:

4 m cable, additional handle with metal depth gauge, carrying case

PD2E 22 R Art. no. 4933419570

850 W, 2-speed percussion drill

Features:

- 850 W with 1000-3200 RPM and 40,000 BPM
- 2-speed metal gear case for ultimate durability
- 13 mm metal keyless chuck for fast and easy accessory change
- Safety clutch ensures responsive user protection
- Ergonomic soft grip for improved user comfort during work

Power input	850 W
Drill Ø in concrete / stone	20 / 22 mm
Drill Ø in steel / wood	13 / 40 mm
Static stalling torque (1st / 2nd gear)	56 / 30 Nm
No load speed (1st / 2nd gear)	0 – 1000 / 0 – 3200 rpm
Weight	2.8 kg



Standard Equipment:

4 m cable, additional handle with metal depth gauge, carrying case

PD2E 20 R/S Art. no. 4933380764

705 W, 2-speed percussion drill

Features:

- Compact and light weight design
- Metal gearbox for outstanding durability
- Soft grip for more comfortable use
- Electronics with variable speed selection and reverse
- Hammer action stop for rotary drilling only

Power input	705 W
Drill Ø in concrete / stone	20 / 20 mm
Drill Ø in steel / wood	13 / 40 mm
Static stalling torque (1st / 2nd gear)	50 / 25 Nm
No load speed (1st / 2nd gear)	0 – 1350 / 0 – 3200 rpm
Chuck (keyless)	1.5 – 13 mm
Weight	2.7 kg



Standard Equipment:

4 m cable, additional handle with metal depth gauge, carrying case

T-TEC 201 Art. no. 4933380708

750 W L-shaped, 2-speed percussion drill

Features:

- Optimal handling by the different gripping options
- High torque planetary gears for drilling and driving large diameters
- Direct bit reception in spindle reducing overall length of tool
- Hammer action stop for rotary drilling

Power input	750 W
Drill Ø in concrete / stone	20 / 22 mm
Drill Ø in steel / wood	13 / 40 mm
Static stalling torque (1st / 2nd gear)	58 / 30 Nm
No load speed (1st / 2nd gear)	0 – 1200 / 0 – 3400 rpm
Chuck (keyless)	1.5 – 13 mm
Weight	2.7 kg



Standard Equipment:

4 m cable, additional side handle with metal depth gauge, carrying case

PDE 16 RP Art. no. 4933409206

630 W single speed percussion drill

Features:

- Excellent handling from a compact ergonomic design
- Planetary gearbox for low speed and high torque applications
- Integrated metal block: technology for highest durability and stability
- Electronics: variable preselection of speed for optimum drilling
- Hammer action stop for rotary drilling

Power input	630 W
No load speed	0 – 950 rpm
Static stalling torque	59 Nm
Max. drilling cap. in concrete / stone	16 / 20 mm
Max. drilling cap. in wood / steel	40 / 16 mm
Weight	2.0 kg



Standard Equipment:

4 m cable, additional side handle with metal depth gauge, carrying case

PDE 13 RX Art. no. 4933409200

630 W single speed percussion drill

Features:

- Excellent handling from a compact ergonomic design
- Integrated metal block: technology for highest durability and stability
- FIXTEC chuck for quick tool change
- Electronics: variable preselection of speed for optimum drilling
- Hammer action stop for rotary drilling

Power input	630 W
No load speed	0 – 2900 rpm
Static stalling torque	21 Nm
Max. drilling cap. in concrete / stone	15 / 18 mm
Max. drilling cap. in wood / steel	30 / 13 mm
Weight	1.8 kg



Standard Equipment:

4 m cable, additional side handle with metal depth gauge, carrying case

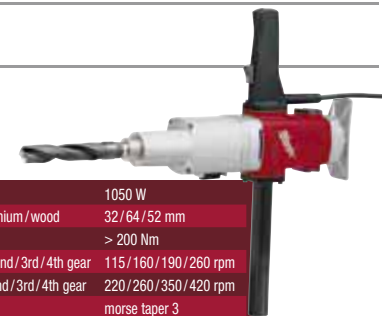
B 4-32 Art. no. 4933380519

4-speed breast plate drill

Features:

- Taper reception (morse taper 3)
- Can be used with magnetic drill stand DDH 32
- Maximum capacity in steel of 32 mm solid drill bit or 50 mm annular cutter

Power input	1050 W
Drill Ø in steel / aluminium / wood	32 / 64 / 52 mm
Static stalling torque	> 200 Nm
Full load speed 1st / 2nd / 3rd / 4th gear	115 / 160 / 190 / 260 rpm
No load speed 1st / 2nd / 3rd / 4th gear	220 / 260 / 350 / 420 rpm
Tool reception	morse taper 3
Gear neck diameter	57 mm
Weight	9.7 kg



Standard Equipment:

4 m cable, 'T-handles', drift key

B2E 16 RLD Art. no. 4933380482

900 W 2-speed rotary drill

Features:

- Metal gearbox for outstanding durability
- High torque and lower speed for tough applications
- Variable speed selection
- 16 mm metal keyed chuck

Power input	900 W
Drill Ø in steel/aluminium/wood	16/20/40 mm
Static stalling torque (1st/2nd gear)	88/58 Nm
No load speed (1st/2nd gear)	0–750 / 0–1600 rpm
Chuck (keyed)	3–16 mm
Chuck spindle	M 18x2.5
Gear neck diameter	57 mm
Weight	4.2 kg



Standard Equipment:

4 m cable, 16 mm chuck and key, additional long handle with metal depth gauge

HD2E 13 R Art. no. 4933390186

705 W 2-speed rotary drill

Features:

- Compact and light weight design
- Metal gearbox for outstanding durability
- Soft grip and ergonomic design for a comfortable handling
- Electronics with variable speed selection and reverse
- 13 mm metal keyless chuck

Power input	705 W
Drill Ø in steel/aluminium	13/16 mm
Drill Ø in wood	40 mm
Static stalling torque (1st/2nd gear)	60/35 Nm
No load speed (1st/2nd gear)	0–1050 / 0–2200 rpm
Tool reception	1.5–13 mm
Weight	2.7 kg



Standard Equipment:

4 m cable, 13 mm keyless chuck, side handle

HDE 13 RQD Art. no. 110750

825 W single speed rotary drill

Features:

- Variable speed
- Reverse operation
- QUIK-LOK for fast change of a damaged cable



Right angle drill attachment also available – art. no. 48062871

Power input	825 W
Drill Ø in steel/aluminium/wood	13/20/38 mm
Static stalling torque	101 Nm
No load speed	0–500 rpm
Chuck (keyed)	1.5–13 mm
Chuck spindle	½" x20
Gear neck diameter	46 mm
Weight	3.2 kg



Standard Equipment:

4 m QUIK-LOK cable, 13 mm chuck and key, side handle

HDE 13 RQX Art. no. 030250

950 W single speed rotary drill

Features:

- Industrial metal single sleeve keyless chuck
- Automatic spindle lock
- Comfortable, 2-finger switch
- Variable speed, reversible
- QUIK-LOK for fast change of a damaged cable
- Especially designed for highest torque applications

Power input	950 W
Drill Ø in steel/aluminium/wood	13/20/38 mm
Static stalling torque	94 Nm
No load speed	0–850 rpm
Chuck (keyless)	1.5–13 mm
Chuck spindle	½" x20
Weight	2.0 kg



Standard Equipment:

4 m QUIK-LOK cable, side handle, FIXTEC 13 mm keyless chuck

HDE 10 RQX Art. no. 020250

725 W single speed rotary drill

Features:

- Industrial metal single sleeve keyless chuck
- Automatic spindle lock
- Great performance in low speed and high torque applications
- Comfortable, 2-finger switch
- Variable speed, reversible
- QUIK-LOK for fast change of a damaged cable

Power input	725 W
Drill Ø in steel/aluminium/wood	10/13/30 mm
Static stalling torque	63 Nm
No load speed	0–850 rpm
Chuck (keyless)	1.0–10 mm
Chuck spindle	½" x20
Weight	1.9 kg



Standard Equipment:

4 m QUIK-LOK cable, 10 mm chuck and chuck key

HDE 6 RQ Art. no. 010150

725 W single high speed rotary drill

Features:

- Metal gearbox for exact seating of bearings and gears
- Ergonomic design with soft grip
- QUIK-LOK for fast change of a damaged cable

Power input	725 W
Drill Ø in steel/aluminium/wood	6/8/16 mm
Static stalling torque	30 Nm
No load speed	0–4000 rpm
Chuck (keyed)	1.0–10 mm
Chuck spindle	¾" x24
Weight	1.4 kg



Standard Equipment:

4 m QUIK-LOK cable, 10 mm chuck and chuck key

DE 13 RP Art. no. 4933409194

630 W single speed rotary drill

Features:

- Excellent handling from a compact ergonomic design
- Planetary gearbox for low speed and high torque applications
- Integrated metal block: technology for highest durability and stability
- Electronics: variable preselection of speed for optimum drilling
- Reversible action
- Easy access to carbon brushes

Power input	630 W
No load speed	0–950 min ⁻¹
Static stalling torque	59 Nm
Max. drilling capacity in wood	40 mm
Max. drilling capacity in steel	13 mm
Max. drilling capacity in aluminium	16 mm
Weight	2.1 kg



Standard Equipment:

4 m cable, additional side handle with metal depth gauge, carrying case

DE 10 RX Art. no. 4933409211

630 W single high speed rotary drill

Features:

- Excellent handling from a compact ergonomic design
- Planetary gearbox for low speed and high torque applications
- Integrated metal block: technology for highest durability and stability
- Electronics: variable preselection of speed for optimum drilling
- Reversible action
- Easy access to carbon brushes

Power input	630 W
No load speed	0–2700 rpm
Static stalling torque	21 Nm
Max. drilling capacity in wood	30 mm
Max. drilling capacity in steel	10 mm
Max. drilling capacity in aluminium	13 mm
Weight	1.6 kg



Standard Equipment:

4 m cable, 10 mm chuck

IPWE 520 RQ Art. no. 907650

Impact wrench ¾" drive

Features:

- Metal gearbox for exact seating of bearings and gears
- High torque output 520 Nm
- Soft grip and ergonomic handle design
- Variable speed, reversible
- QUIK-LOK for fast change of a damaged cable

Power input	725 W
Bolt range (recommended)	M 16 – M 24
No load speed	0 – 1700 rpm
Impact rate	1000 – 2500 ipm
Max. torque	520 Nm
Tool reception	¾" SD
Weight	2.8 kg



Standard Equipment:

4 m QUIK-LOK cable

IPWE 400 RQ Art. no. 907250

Impact wrench ½" drive

Features:

- Metal gearbox for exact seating of bearings and gears
- High torque output 400 Nm
- Soft grip and ergonomic handle design
- Variable speed, reversible
- QUIK-LOK for fast change of a damaged cable

Power input	725 W
Bolt range (recommended)	M 12 – M 20
No load speed	0 – 1700 rpm
Impact rate	1000 – 2600 ipm
Max. torque	400 Nm
Tool reception	½" SD
Weight	2.7 kg



Standard Equipment:

4 m QUIK-LOK cable

TKSE 2500 Q Art. no. 679050

Tech gun for self drilling screws

Features:

- Metal gearbox for exact seating of bearings and gears
- Quiet snap-action clutch
- Very easy to remove 'snap-on' depth setting nose
- Soft grip
- QUIK-LOK for fast change of a damaged cable

Power input	725 W
Self-tapping / wood screws	6.5 / 6 mm
No load speed	0 – 2500 rpm
Bit reception	¼"
Max. stalling torque	25 Nm
Weight	1.4 kg



Standard Equipment:

4 m QUIK-LOK cable, socket set 49663004 (6/8/10 mm), belt clip

DWSE 4000 Q Art. no. 674350

Drywall screwdriver

Features:

- Metal gearbox for exact seating of bearings and gears
- Quiet snap-action clutch
- Very easy to remove 'snap-on' depth setting nose
- Soft grip
- QUIK-LOK for fast change of a damaged cable

Power input	725 W
Drywall screws	4.8 mm
No load speed	0 – 4000 rpm
Bit reception	¼"
Max. stalling torque	20 Nm
Weight	1.3 kg



Standard Equipment:

4 m QUIK-LOK cable, bit holder, Phillips No 2, belt clip

MD 38 Compact Art. no. 427050

Magnetic drilling press

Features:

- Two coil high strength magnet
- Simple two button control panel with large mushroom stop button
- Right or left side handle mounting
- Integrated safety strap

Max. diameter broaching capacity	38 mm
Max. depth broaching capacity	50 mm
Max. drilling (solid) capacity	13 mm
Motor power	1050 W
Static stalling torque	100 Nm
Magn. holding power (at drill point pressure)	10,400 N
Speed, no load / full load	450 / 320 rpm
Weight	12.0 kg



Standard Equipment:

Standard 19 mm arbor, safety braid, Hex keys

MDE 42 Art. no. 4933380832

Magnetic drilling press

Features:

- 1200 watts motor power transmitted through three reduction gears provide the power to drill a massive 42-mm-hole through 50 mm thick steel
- High magnet power and the latest developments in electronics provide the control and comply to all safety demands

Max. diameter / depth broaching capacity	42 / 50 mm
Max. drilling (solid) capacity	16 mm
Motor power	1200 W
Static stalling torque	85 Nm
Magn. holding power (at drill point pressure)	10,000 N
Speed, no load	300 – 640 rpm
Speed, full load	170 – 330 rpm
Weight	11.5 kg



Standard Equipment:

Adjustable safety guard, cutting oil, Hex keys, carrying case

MD 4-85 Art. no. 4933380850

Magnetic drilling press

Features:

- High precision through the morse 3 taper reception and easily adapted to take solid bits either direct or through a chuck system
- Powerful magnetic base exerts a force of almost two tonnes, ensuring safety and stability
- Electronic switch panel for accessible control

Max. diameter / depth broaching capacity	85 / 50 mm
Max. drilling (solid) capacity	32 mm
Motor power	1050 W
Static stalling torque	> 200 Nm
Magn. holding power (at drill point pressure)	18,000 N
Speed, no load	220 / 260 / 350 / 420 rpm
Speed, full load	115 / 160 / 190 / 260 rpm
Weight	28.0 kg



Standard Equipment:

Adjustable safety guard, cutting oil, Hex keys, carrying case

DCM 2-350 C Art. no. 40044

Diamond drilling motor

Features:

- Triple reduction gearing
- Internal slip clutch
- Soft start switch
- Motor overload protection
- PRCD residual current device
- Built-in water swivel
- Dual-mount switch box

Motor power	2800 W
Revolutions low/high	300/600 rpm
Ø bit capacity low	178–350 mm
Ø bit capacity high	102–178 mm
Spindle thread	1 1/4"
Weight	9.0 kg



Standard Equipment:

Open end wrench, Hex keys and strap with switch box

DR 350 T Art. no. 4933400600

Aluminium diamond drilling rig for DCM 2-350 C

Features:

- Light weight drilling rig from aluminium
- Tilting (0–45°)
- Drill angle and depth display
- Quick-connect motor plate
- Fine adjustment of feed speed
- Vertical and horizontal water level
- Drill hole centering device
- Levelling screws
- Feed handle attachable to both sides of rig
- Transportable handle & wheels

Max. drill bit capacity with DCM 2-350 C	350 mm
Max. stroke with DCM 2-350 C	610 mm
Height	1042 mm
Base dimensions	391 x 523 mm
Weight	19.5 kg



Standard Equipment:

3/16" Hex key, 6 mm Hex key, 17 x 19 wrench, 30 mm wrench, quick-connect motor plate, 4 pcs. M 8 x 25 mm screws, feed handle, centering device

DCM 2-250 C Art. no. 40964

Diamond drilling motor

Features:

- Triple reduction gearing
- Internal slip clutch
- Soft start switch
- Motor overload protection
- PRCD residual current device
- Built-in water swivel
- Dual-mount switch box

Motor power	2800 W
Revolutions low/high	450/900 rpm
Ø bit capacity low	152–250 mm
Ø bit capacity high	52–152 mm
Spindle thread	1 1/4"
Weight	9.0 kg



Standard Equipment:

Open end wrench, Hex keys and strap with switch box

DR 250 TV Art. no. 4933400590

Aluminium diamond drilling rig for DCM 2-250 C

Features:

- Light weight drilling rig from aluminium
- Integrated vacuum base plate (use with and without vacuum possible)
- Tilting (0–45°)
- Drill angle and depth display
- Quick-connect motor plate
- Fine adjustment of feed speed
- Vertical and horizontal water level
- Drill hole centering device
- Levelling screws
- Feed handle attachable to both sides of rig
- Transport handle

Max. drill bit capacity with DCM 2-250 C	250 mm
Max. stroke with DCM 2-250 C	520 mm
Height	834 mm
Base dimensions	276 x 467 mm
Weight	10.0 kg



Standard Equipment:

3/16" Hex key, 6 mm Hex key, 17 x 19 wrench, quick-connect motor plate, 4 pcs. M 8 x 25 mm screws, feed handle, centering device, vacuum rubber seal (Id. no. 4931400613)

DD 3-152 Art. no. 4933428000

3-speed combi diamond drill

Features:

- Safety clutch
- LED thermal motor temperature protection indicator
- Soft start with stepless speed control
- Quick-in connection – secure motor fixing connection for ease of use and minimum vibration
- L shaped handle for better weight distribution

Motor power	1900 W
3 speed gear box	550 / 1250 / 2700 rpm
Full load speed I / II / III	
Max. drilling capacity in concrete & reinforced concrete	152 mm
Max. drilling capacity in brick & masonry	202 mm
Spindle thread	1/2" G + 1 1/4" UNC
Weight	6.5 kg



Standard Equipment:

5 m cable with PRCD, transport case, extra long side handle, dust extraction connector, water feed connector, 32 mm and 41 mm spanners

DR 152 T Art. no. 4933428020

Diamond drill stand

Features:

- Quick-in connection – precise and quick connection of tool and rig
- Cast aluminium base for easy transportation
- Compact base – saves space for drilling in confined spaces
- 4 levelling screws for fast adjustment
- 45° Tilt for angle drilling
- Horizontal and vertical spirit levels
- Transport handle
- Locking knob locks unit at highest position to aid fixing of machine and core bit
- Two spoke wheel feed for left and right hand operation
- Vacuum plate is available as accessory (4932352676)

Max. drill bit capacity with DD 3-152	152 mm
Base dimensions	330 x 210 mm
Tilt	45°
Weight	10.0 kg



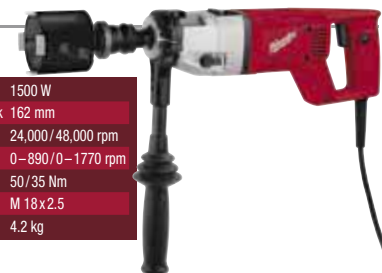
DD 2-160 XE Art. no. 4933368690

2-speed dry diamond drill

Features:

- Powerful robust motor delivers constant high torque
- Dual protection from the interlinked mechanical and electronic clutches to protect both user and tool
- Robust construction with metal gearbox
- Safe handling from the long AVS-side handle and 'D' shaped back handle
- 2-speed gear box
- M 16 FIXTEC adaptor for fast core bit changing
- Soft hammer action. When activated allows the core bit to cut faster and easier.
- Soft start via accelerator switch for precision and controlled drilling

Power input	1500 W
Max. drilling cap. in masonry/brick	162 mm
No load hammer stroke	24,000/48,000 rpm
Full load speed (1st/2nd gear)	0–890/0–1770 rpm
Stalling torque (1st/2nd gear)	50/35 Nm
Chuck reception	M 18 x 2.5
Weight	4.2 kg



Standard Equipment:

4 m cable, long side handle, quick change adaptor for M 16 diamond cores, SDS-plus pilot drill bit, case

WCE 65 Art. no. 4933385125

2300 W 230 mm (65 mm DOC) wall chaser

Features:

- Powerful 2300 watt motor
- Motor overload protection
- Current limitation for soft start
- Dust extraction connection
- Axial rotation of drive unit for optimum cutting into corners

Power input	2300 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting width	17–56 mm
Cutting depth	10–65 mm
Weight	8.7 kg



Standard Equipment:

4 m cable, special chisel, side handle, keys, parallel guide, metal case

WCS 45 Art. no. 4933383350

1900 W 150 mm (45 mm DOC) wall chaser

Features:

- Variable cutting width
- Dust extraction connection
- Variable and adjustable cutting depth
- TILT-LOK handle
- Soft grip
- Overload protection

Power input	1900 W
Disc diameter	150 mm
No load speed	5800 rpm
Cutting width	6–45 mm
Cutting depth	0–45 mm
Weight	6.6 kg



Standard Equipment:

4 m cable, 2 diamond discs, special chisel, side handle, keys, metal case

WCE 30 Art. no. 4933383855

1500 W 125 mm (30 mm DOC) wall chaser

Features:

- High performance electronics with overload protection
- Current limitation for soft start
- In-Line dust extraction connection

Power input	1500 W
Disc diameter	125 mm
No load speed	9500 rpm
Spindle thread	M 14
Cutting width	15–26 mm
Cutting depth	8–30 mm
Weight	4.3 kg



Standard Equipment:

4 m cable, 2 diamond discs, special chisel, side handle, keys, metal case

Diamond drilling cores

Wet cores

- Suitable for concrete and reinforced concrete applications
- Laser welded segments for less break off
- 10 mm segment height for outstanding life time
- **WCHP-SB Ø 8 – 50** – ring segment, 300 mm working length*, 1/2" G reception
- **WCHP-SB Ø 52 – 152** – TURBO segment, 420 mm working length, 1 1/4" UNC reception
- **WCHP Ø 52 – 350** – TURBO segment, working length 420 mm, 1 1/4" UNC reception

*WCHP-SB 8 – 70 mm / WCHP-SB 10 – 150 mm / WCHP-SB 12 – 200 mm

Ø mm	Description	Tool Suitability		Art. No. 4932
		DD3-152	DCM2-250C DCM2-350C	
8	WCHP - SB 8	✓	◆	352072
10	WCHP - SB 10	✓	◆	352073
12	WCHP - SB 12	✓	◆	352074
14	WCHP - SB 14	✓	◆	352075
15	WCHP - SB 15	✓	◆	352076
16	WCHP - SB 16	✓	◆	352077
18	WCHP - SB 18	✓	◆	352078
20	WCHP - SB 20	✓	◆	352079
22	WCHP - SB 22	✓	◆	352080
24	WCHP - SB 24	✓	◆	352081
25	WCHP - SB 25	✓	◆	352082
28	WCHP - SB 28	✓	◆	352083
30	WCHP - SB 30	✓	◆	352084
32	WCHP - SB 32	✓	◆	352085
35	WCHP - SB 35	✓	◆	352086
37	WCHP - SB 37	✓	◆	352087
40	WCHP - SB 40	✓	◆	352088
42	WCHP - SB 42	✓	◆	352089
45	WCHP - SB 45	✓	◆	352090
47	WCHP - SB 47	✓	◆	352091
50	WCHP - SB 50	✓	◆	352092
52	WCHP 52		✓	399707
	WCHP - SB 52	✓		352734
62	WCHP 62		✓	399708
	WCHP - SB 62	✓		352735
72	WCHP 72		✓	399709
82	WCHP 82		✓	399710
	WCHP - SB 82	✓		352736
92	WCHP 92		✓	399711
	WCHP - SB 92	✓		352737
102	WCHP 102		✓	399712
	WCHP - SB 102	✓		352738
112	WCHP 112		✓	399713
	WCHP - SB 112	✓		352739
122	WCHP 122		✓	399714
	WCHP - SB 122	✓		352740
132	WCHP 132		✓	399715
	WCHP - SB 132	✓		352741
152	WCHP 152		✓	399716
	WCHP - SB 152	✓		352742
162	WCHP 162		✓	399717
172	WCHP 172		✓	352052
182	WCHP 182		✓	399718
202	WCHP 202		✓	399719
225	WCHP 225		✓	399720
250	WCHP 250		✓	399721
300	WCHP 300		✓	399722
350	WCHP 350		✓	399723

✓ Most suitable ◆ Limited suitability

Dry cores

- Suitable for all brick and masonry applications
- Laser welded segments for less break off
- 10 mm segment height for best life time
- **DCHXL Ø 38 – 162** – 420 mm working length, 1 1/4" UNC reception
- **DCHX Ø 68 / 82** – 60 mm working length, 1 1/4" UNC reception
- **DCH 150 Ø 52 – 127** – 150 mm working length, M16 reception
- **DCU Ø 68 / 82, DCH Ø 68 / 82** – 60 mm working length, M16 reception

Ø mm	Description	Tool Suitability		Art. No. 4932
		DD3-152	DD2-160 XE	
38	DCHXL 38 ¹⁾	✓	✓	399753
52	DCHXL 52	✓	✓	399163
68	DCHXL 68	✓	✓	399164
82	DCHXL 82	✓	✓	399165
102	DCHXL 102	✓	✓	399166
107	DCHXL 107	✓	✓	399754
112	DCHXL 112	✓	✓	399167
117	DCHXL 117	✓	✓	399755
122	DCHXL 122	✓	✓	399168
127	DCHXL 127	✓	✓	399169
132	DCHXL 132	✓	✓	399170
152	DCHXL 152	✓	✓	399171
162	DCHXL 162	✓	✓	399172
68	DCHX 68	✓	✓	399217
82	DCHX 82	✓	✓	399218
52	DCH 150-52		✓	352628
62	DCH 150-62		✓	352629
68	DCH 150-68		✓	352630
82	DCH 150-82		✓	352631
102	DCH 150-102		✓	352632
127	DCH 150-127		✓	352633
68	DCU 68		✓	371978
82	DCU 82		✓	371979
68	DCH 68		✓	399579
82	DCH 82		✓	399580

For system accessories please see Milwaukee® accessories catalogue 2011/12 or 2012/13.



MAGSWITCH™

Never before has a super-strong permanent magnet been so easy to control. Milwaukee® Magswitch™ has created a powerful magnetic device that can be turned on and off with a simple turn of a knob.

No batteries! No electricity!

Advantages:

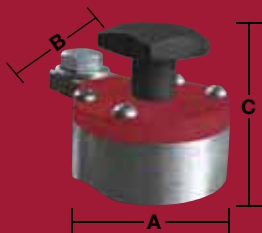
- Saves time and money
- Faster/easier grounding
- Replaces clamps
- Fast, precise positioning and workholding
- Welding angles that stay clean
- Super strong, controllable hold



Magswitch™ is a green solution.
Cuts power and out performs electromagnets.

Magswitch™ welding ground clamps

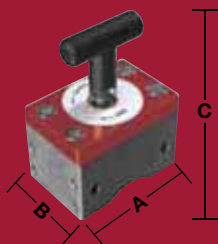
- Connects instantly. No more searching for a clamp location!
- No more tacking on tabs in large sheet weld or pipe jobs.
- Turn on Magswitch™ and start welding.
- Stays clean. Turn off Magswitch™ and wipe away debris.
- Attaches to either flat or round surfaces.



Description	A mm	B mm	C mm	Capacity AMP	Art. no. 4932	EAN Code 4002395
Mag-GC 200	55	30	60	200	352563	372218
Mag-GC 300	65	40	60	300	352564	372225
Mag-GC 600	100	70	65	600	352565	372232

Magswitch™ MagSquares

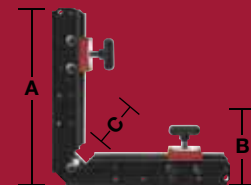
- Holds metal on multiple sides for welding ease.
- Attaches to flat and round surfaces.
- Machined for precise 90° angles.
- Includes pre-tapped holes on all sides to mount accessories or make jigs/templates.



Description	A mm	B mm	C mm	Breakaway force kg	Breakaway force N	Pre-tapped hole size	Art. no. 4932	EAN Code 4002395
Mag-SQ 68	40	40	70	68	666	M5x6 mm	352566	372249
Mag-SQ 272	75	50	110	272	2665	M6x10 mm	352567	372256
Mag-SQ 450	110	70	150	450	4410	M10x12 mm	352568	372263

Magswitch™ 90° angles

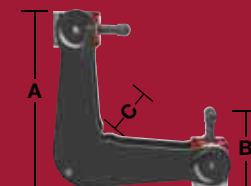
- Precise positioning, holds flat and pipe material.
- Additional MagSquares can be added for greater strength.
- Available in 2 sizes (each angle has 2 magnets).



Description	A mm	B mm	C mm	Break-away force kg	Break-away force N	Art. no. 4932	EAN Code 4002395
Mag-Angle 68	205	33	60	68	666	352569	372270
Mag-Angle 272	285	51	105	272	2665	352570	352287

Magswitch™ boomerangles

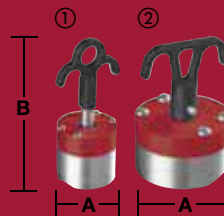
- Virtually fully adjustable. Each MagSquare pivots to the desired angle.
- Holds flat and pipe material.
- Available in 2 sizes (each angle has 2 magnets).



Description	A mm	B mm	C mm	Break-away force kg	Break-away force N	Art. no. 4932	EAN Code 4002395
Mag-Boomerangle 68	195	69	137	68	666	352571	372294
Mag-Boomerangle 272	254	108	164	272	2665	352572	372300

Magswitch™ hanging hooks

- Perfect for temporary holding of lines, hoses, tools or loose nuts and bolts.
- Perfect for use around the job site or shop.
- Precise positioning, attaches to flat or round surfaces.
- Quickly secures and holds just about anything, anywhere.



Description	A mm	B mm	Working load kg	Art. no. 4932	EAN Code 4002395
① Mag-H 11	40	90	11	352576	372348
② Mag-H 18	70	105	18	352577	372355



Stays clean. Turn off Magswitch™ and debris falls away.



Strong grip to flat and pipe surfaces.



Easy on/off operation. Locking handle.

AGVM 26-230 GEX Art. no. 4933402365

2600 W 230 mm grinder

Features:

- Milwaukee® B-Guard protects both operator and machine from "kick back effect"
- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional handle for more comfortable handling and less strain of body joints
- 7-position rotatable main handle
- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of the tool
- Soft start and Line-Lock out function
- FIXTEC flange nut for fast and easy change of discs

Standard Equipment:

Quick release safety guard, AVS side handle, Autobalancer, FIXTEC flange nut, 4 m cable



Power input	2600 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting depth max.	68 mm
Weight	5.8 kg

AGVM 26-230 GEX/DMS

- Equipped as AGVM 26-230 GEX, but with Deadman switch (without Line Lock Out function)

Art. no. 4933402495

AGV 26-230 GE Art. no. 4933402360

2600 W 230 mm grinder

Features:

- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional handle for more comfortable handling and less strain of body joints
- 7-position rotatable main handle
- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Soft start and Line-Lock out function
- Automatic cut-out carbon brushes
- Burst resistant quick release guard for easy adjustment

Standard Equipment:

Quick release safety guard, AVS side handle, autobalancer, flange nut, 4 m cable, wrench



Power input	2600 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting depth max.	68 mm
Weight	5.5 kg

AGV 26-230 GE/DMS

- Equipped as AGV 26-230 GE, but with Deadman switch (without Line Lock Out function)

Art. no. 4933402490

AGVM 24-230 GEX Art. no. 4933402340

2400 W 230 mm grinder

Features:

- Milwaukee® B-Guard protects both operator and machine from "kick back effect"
- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional handle for more comfortable handling and less strain of body joints
- 7-position rotatable main handle
- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of the tool
- Soft start and Line-Lock out function
- FIXTEC flange nut for fast and easy change of discs

Standard Equipment:

Quick release safety guard, AVS side handle, Autobalancer, FIXTEC flange nut, 4 m cable



Power input	2400 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting depth max.	68 mm
Weight	5.8 kg

AGVM 24-230 GEX/DMS

- Equipped as AGVM 24-230 GEX, but with Deadman switch (without Line Lock Out function)

Art. no. 4933402475

AGV 24-230 GE Art. no. 4933402330

2400 W 230 mm grinder

Features:

- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional handle for more comfortable handling and less strain of body joints
- 7-position rotatable main handle
- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of the tool
- Soft start and Line-Lock out function
- Burst resistant quick release guard for easy adjustment

Standard Equipment:

Quick release safety guard, AVS side handle, Autobalancer, flange nut, 4 m cable, wrench



Power input	2400 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting depth max.	68 mm
Weight	5.5 kg

AGV 24-230 GE/DMS

- Equipped as AGV 24-230 GE, but with Deadman switch (without Line Lock Out function)

Art. no. 4933402520

SPEED CROSS

MAXIMUM SPEED, LONG LIFE, LOW VIBRATION!



HARD UNIVERSAL
HUDD



ABRASIVE UNIVERSAL
AUDD

- Universal blades for a variety of materials
- Classed into two categories for maximum life time
- 10 mm high segments to ensure long life time
- Laser welded segments, for optimum durability
- Low vibration



APPLICATION AREAS

Hard materials

Soft/abrasive materials

Natural stone/granite	Hard concrete	Medium strength concrete	General building materials	Brick	Soft/Green concrete	Asphalt

■ HUDD ■ AUDD

SIZE	115 mm	125 mm	150 mm	230 mm
HUDD	4932399819	4932399820	4932399821	4932399822
AUDD	4932399823	4932399824	4932399825	4932399826

AGV 24-230 E Art. no. 4933402335

2400 W 230 mm grinder

Features:

- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional handle for more comfortable handling and less strain of body joints
- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of the tool
- Soft start and Line-Lock out function

AG 24-230 E

- Equipped as AGV 24-230 E, but without Autobalancer, AVS motor housing, additional handle and 5.3 kg weight

Art. no. 4933402325

Standard Equipment:

Quick release safety guard, AVS side handle, Autobalancer, flange nut, 4 m cable, wrench



Power input	2400 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting depth max.	68 mm
Weight	5.3 kg

AG 24-230 E/DMS

- Equipped as AGV 24-230 E, but with Deadman switch (without Line Lock Out function)

Art. no. 4933402450

AGV 21-230 GEX Art. no. 4933402304

2100 W 230 mm grinder

Features:

- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional handle for more comfortable handling and less strain of body joints
- 7-position rotatable main handle
- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Soft start and Line-Lock out function
- FIXTEC flange nut for fast and easy change of discs
- Automatic cut-out carbon brushes
- Burst resistant quick release guard for easy adjustment

Standard Equipment:

Quick release safety guard, AVS side handle, Autobalancer, FIXTEC flange nut, 4 m cable



Power input	2100 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting depth max.	68 mm
Weight	5.5 kg

AGV 21-230 GEX/DMS

- Equipped as AGV 21-230 GEX, but with Deadman switch (without Line Lock Out function)

Art. no. 4933402525

AGV 21-230 E Art. no. 4933402303

2100 W 230 mm grinder

Features:

- Autobalancer for greatly reduced vibration of bad discs
- AVS equipped motor housing and additional handle
- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Automatic cut-out carbon brushes

Standard Equipment:

Quick release safety guard, AVS side handle, Autobalancer, flange nut, 4 m cable, wrench



Power input	2100 W
Disc diameter	230 mm
No load speed	6600 rpm
Spindle thread	M 14
Cutting depth max.	68 mm
Weight	5.4 kg

AG 21-230 E Art. no. 4933402301

2100 W 230 mm grinder

Features:

- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Soft start and Line-Lock out function
- Automatic cut-out carbon brushes
- Burst resistant quick release guard for easy adjustment

AG 21-230 E/DMS

- Equipped as AG 21-230 E but with Deadman switch (without Line Lock Out function)

Art. no. 4933402515

Standard Equipment:

Quick release safety guard, side handle, flange, flange nut, 4 m cable, wrench



Power input	2100 W	2100 W
Disc diameter	230 mm	180 mm
No load speed	6600 rpm	8500 rpm
Spindle thread	M 14	M 14
Cutting depth max.	68 mm	43 mm
Weight	5.1 kg	4.9 kg

AG 21-180 E

- Equipped as AG 21-230 E, but with 180 mm disc diameter and 4.9 kg weight

Art. no. 4933402300

AGV 17-180 XC Art. no. 4933432270

1750 W 180 mm grinder

NEW

Features:

- Powerful and compact 2-hand grinder with 1750 watts
- "PROTECTOR motor" protects the motor from debris ingress so durability dramatically increases
- Line Lock Out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Thermal overload protection to prevent overheating
- Safety clutch to prevent the user from "Kickback" effect
- Constant power electronics providing constant speed in all applications
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- FIXTEC nut for tool-free disc change
- Anti-Vibration side handle for lower vibration
- Deadman switch

Standard Equipment:

Quick release safety guard, AVS side handle, FIXTEC flange nut, flange nut, 4 m cable



Power input	1750 W
Disc diameter	180 mm
No load speed	7600 rpm
Spindle thread	M 14
Cutting depth max.	59 mm
Weight	3.1 kg

AGV 17-150 XC Art. no. 4933432250

1750 W 150 mm grinder

NEW

Features:

- Powerful and compact 2-hand grinder with 1750 watts
- "PROTECTOR motor" protects the motor from debris ingress so durability dramatically increases
- Line Lock Out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Thermal overload protection to prevent overheating
- Safety clutch to prevent the user from "Kickback" effect
- Constant power electronics providing constant speed in all applications
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- FIXTEC nut for tool-free disc change
- Anti-Vibration side handle for lower vibration
- Deadman switch

Standard Equipment:

Quick release safety guard, AVS side handle, FIXTEC flange nut, flange nut, 4 m cable



Power input	1750 W
Disc diameter	150 mm
No load speed	9500 rpm
Spindle thread	M 14
Cutting depth max.	46 mm
Weight	2.9 kg

AGV 17-125 XE Art. no. 4933432230

1750 W 125 mm grinder

NEW

Features:

- Powerful and compact 2-hand grinder with 1750 watts
- "PROTECTOR motor" protects the motor from debris ingress so durability dramatically increases
- Line Lock Out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Thermal overload protection to prevent overheating
- Safety clutch to prevent the user from "Kickback" effect
- Constant power electronics providing constant speed in all applications
- Variable speed selection from 2.600 – 11.000 RPM's for finishing applications
- Burst resistant and tool-free safety guard for best user protection and fast adjustment
- FIXTEC nut for tool-free disc change
- Anti-Vibration side handle for lower vibration

Standard Equipment:

Quick release safety guard, AVS side handle, FIXTEC flange nut, flange nut, 4 m cable



Power input	1750 W
Disc diameter	125 mm
No load speed	2600 – 11.000 rpm
Spindle thread	M 14
Cutting depth max.	34 mm
Weight	2.7 kg

AG 16-125 INOX Art. no. 4933407345

1520 W 125 mm low speed grinder

Features:

- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Digital tach-electronic with:
 - Variable speed electronic
 - Thermal overload protection
 - Soft start – No load speed limitation
- Ideal speed (7600 rpm) for flap grinding discs
- FIXTEC for tool-free disc change
- Ideal for metal application
- Burst resistant quick release guard for easy adjustment

Standard Equipment:

Quick release safety guard, side handle, flange, FIXTEC flange nut, 4 m cable



Power input	1520 W
Disc diameter	125 mm
No load speed	2000 – 7600 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.5 kg

AG 16-125 XC Art. no. 4933407270

1520 W 125 mm grinder

Features:

- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Digital tachometer with:
 - Constant speed under load
 - Thermal over-load protection
 - Soft start
 - No load speed limitation
- FIXTEC for tool-free disc change
- Burst resistant quick release guard for easy adjustment



Power input	1520 W
Disc diameter	125 mm
No load speed	11,000 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.5 kg

AG 16-125 XC/DMS

- Equipped as AG 16-125 XC, but with Deadman switch

Art. no. 4933407260

Standard Equipment:

Quick release safety guard, side handle, flange, FIXTEC flange nut, 4 m cable, flap disc

AGV 15-125 XE Art. no. 4933428127

1550 W 125 mm grinder

Features:

- "PROTECTOR motor" protects the motor from debris ingress so durability dramatically increases
- Constant power electronics providing constant power in all applications
- Safety clutch protects the user and reduce "kickback-effect"
- Variable speed selection from 2800 to 11,000 rpm for finishing applications
- Overload protection to prevent overheating
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Integrated and innovative "FIXTEC" tool-free wheel change system
- Anti-Vibration side handle for less fatigue



NEW

Power input	1550 W
Disc diameter	125 mm
No load speed	2800 – 11,000 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.6 kg

Standard Equipment:

Quick release safety guard, AVS side handle, flange, FIXTEC flange nut, spanner, 4 m cable

AGV 15-125 XC Art. no. 4933428120

1550 W 125 mm grinder

Features:

- "PROTECTOR motor" protects the motor from debris ingress so durability dramatically increases
- Constant power electronics providing constant power in all applications
- Safety clutch protects the user and reduce "kickback-effect"
- Overload protection to prevent overheating
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- Integrated and innovative "FIXTEC" tool-free wheel change system
- Anti-Vibration side handle for less fatigue



NEW

Power input	1550 W
Disc diameter	125 mm
No load speed	11,000 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.6 kg

Standard Equipment:

Quick release safety guard, AVS side handle, flange, FIXTEC flange nut, spanner, 4 m cable

AGV 15-150 XC Art. no. 4933433250

1550 W 150 mm grinder

Features:

- "PROTECTOR motor" prevents debris ingress increasing tool durability
- Compact and slim design for end user ergonomics
- Constant power electronics provide optimum tool performance
- Safety clutch protects the user with anti-kickback.
- Overload protection to prevent overheating
- Line lock out function to prevent automatic start up after power breakdown
- Electronic soft start for smooth start up
- New integrated and innovative "FIXTEC" tool-free wheel change system
- Burst resistant and tool-free safety guard for fast adjustment
- Anti-Vibration side handle for less fatigue



NEW

Power input	1550 W
Disc diameter	150 mm
No load speed	9000 rpm
Spindle thread	M 14
Cutting depth max.	44 mm
Weight	2.6 kg

Standard Equipment:

Quick release safety guard, side handle, autobalancer, FIXTEC flange nut, 4 m cable

AG 13-125 X Art. no. 4933407290

1250 W 125 mm grinder

Features:

- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- FIXTEC for tool-free disc change
- Burst resistant quick release guard for easy adjustment



Power input	1250 W
Disc diameter	125 mm
No load speed	11,000 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.5 kg

Standard Equipment:

Quick release safety guard, side handle, flange, FIXTEC flange nut, 4 m cable

AGV 12-125 XPD Art. no. 4933433240

1200 W 125 mm grinder

Features:

- New powerful 1200 W motor delivering 11,000 rpm
- "PROTECTOR motor" protects the motor from debris so durability dramatically increases
- Very compact and slim design for comfortable handling
- Safety clutch to protect the user and reduce "kickback-effect"
- Overload protection to prevent overheating
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- New integrated and innovative "FIXTEC" tool-free wheel change system
- Burst resistant and tool-free safety guard for fast adjustment
- Anti-vibration side handle for less user fatigue
- Paddle switch (lock off – Deadman switch)



NEW

Power input	1200 W
Disc diameter	125 mm
No load speed	11,000 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.4 kg

Standard Equipment:

Quick release safety guard, side handle, flange, FIXTEC flange nut, 4 m cable

AGV 12-125 X Art. no. 4933428085

1200 W 125 mm grinder

Features:

- New powerful 1200 W motor delivering 11,000 rpm
- "PROTECTOR motor" protects the motor from debris so durability dramatically increases
- Very compact and slim design for comfortable handling
- Safety clutch to protect the user and reduce "kickback-effect"
- Overload protection to prevent overheating
- Line lock out function to prevent automatic start up after power breakdown
- Soft start for smooth start up
- New integrated and innovative "FIXTEC" tool-free wheel change system
- Burst resistant and tool-free safety guard for fast adjustment
- Anti-vibration side handle for less user fatigue



NEW

Power input	1200 W
Disc diameter	125 mm
No load speed	11,000 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.4 kg

Standard Equipment:

Quick release safety guard, AVS side handle, flange, flange nut, spanner, 4 m cable

AG 12-125 X Art. no. 4933428077

1200 W 125 mm grinder

Features:

- New powerful 1200 W motor delivering 11,000 rpm for ultimate performance during heavy duty applications
- "PROTECTOR motor" protects the motor from debris so durability dramatically increases
- Very compact and slim design for comfortable handling
- Soft start for smooth start up
- New integrated and innovative "FIXTEC" tool-free wheel change system
- Burst resistant and tool-free safety guard for fast adjustment



NEW

Power input	1200 W
Disc diameter	125 mm
No load speed	11,000 rpm
Spindle thread	M 14
Cutting depth max.	33 mm
Weight	2.3 kg

AG 12-115 X

- Equipped as AG 12-125 X, but with 115 mm disc diameter

Art. no. 4933428050

Standard Equipment:

Quick release safety guard, side handle, flange, flange nut, spanner, 4 m cable

AG 11-125 X Art. no. 4933416140

1100 W 125 mm grinder

Features:

- Powerful 1100 watt motor for best performance
- Special epoxy coating prevents debris from chipping or damaging the copper wires and ensure a long life time of the motor
- L-Shape intake vents prevents the internal components from debris ingress
- Tool-free and burst resistant safety guard for easy and fast adjustment
- 3 location rubber overmold side handle for lower vibration and best grip
- Heavy Duty 4 m cable for best protection on the job site
- FIXTEC for tool-free disc change

Standard Equipment:

Quick release safety guard, soft grip side handle, FIXTEC flange nut, flange nut, spanner, 4 m cable



AG 11-125

- Equipped as AG 11-125 X, but without FIXTEC

Art. no. 4933416130

AG 11-115

- Equipped as AG 11-125 X, but without FIXTEC and with 115 mm disc Ø

Art. no. 4933416120

Power input	1100 W
Disc diameter	125 mm
No load speed	11,000 rpm
Spindle thread	M 14
Cutting depth max.	28 mm
Weight	2.4 kg

AG 9-125 XC Art. no. 4933403200

Compact 850 W 125 mm grinder

Features:

- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Constant power electronics provides constant speed under load
- Soft start and Line-Lock out function
- Over load protection
- FIXTEC for tool-free disc change

Standard Equipment:

Quick release safety guard, side handle, flange, FIXTEC flange nut, 4 m cable



Power input	850 W
Disc diameter	125 mm
No load speed	10,000 rpm
Cutting depth max.	33 mm
Spindle thread	M 14
Weight	1.8 kg

AG 9-125 XE

- Equipped as AG 9-125 XC, but with variable speed 2700–10,000 rpm

Art. no. 4933403206

AG 8-125 Art. no. 4933403235

Compact 750 W 125 mm grinder

Features:

- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Very small girth size and light weight for comfortable use
- Tool-free, burst resistant safety guard for easy and fast adjustment
- Low gear head height for work in restricted areas
- Gear head 90° rotatable

Standard Equipment:

Quick release safety guard, side handle, flange, flange nut, spanner, 4 m cable



Power input	750 W
Disc diameter	125 mm
No load speed	10,000 rpm
Cutting depth max.	33 mm
Spindle thread	M 14
Weight	1.8 kg

AG 8-115

- Equipped as AG 8-125, but with 115 mm disc diameter

Art. no. 4933403240

AGS 15-125 C Art. no. 4933407480

1500 W 125 mm grinder/sander

Features:

- "PROTECTOR motor" – epoxy resin coated field and Heavy Duty winding protection for increased life time of tool
- Aligned to the optimum speed for flap grinding discs
- Constant power electronics providing constant speed under load
- Soft start for smooth start up
- Motor overload protection
- Line lock out function
- Quick release guard

Standard Equipment:

Quick release safety guard, side handle, flange, flange nut, spanner, 4 m cable, filter grill



Power input	1500 W
Disc diameter	125 mm
No load speed	7600 rpm
Spindle thread	M 14
Weight	2.4 kg

AS 12 E Art. no. 4933383940

1200 W sander with electronic variable speed

Features:

- High motor torque and ideal speed range for sanding
- Ergonomic design for long work shifts
- Variable speed selection for ideal speed to any material
- Thermal over-load protection to prevent overheating

Standard Equipment:

Hand guard, side handle, nut, spanner, 4 m cable, backing pad



Power input	1200 W
Disc diameter	180 mm
No load speed	1800–4800 rpm
Spindle thread	M 14
Weight	2.5 kg

AP 12 E Art. no. 4933383925

1200 W polisher with electronic variable speed

Features:

- Ergonomic design for long work shifts
- Special gear for high spindle torque and ideal polishing speed
- Variable speed selection for ideal speed
- Thermal over-load protection
- No load speed limitation

Standard Equipment:

side handle, 6 m cable, polishing backing pad



Power input	1200 W
Disc diameter	150 mm
No load speed	900–2500 rpm
Spindle thread	M 14
Weight	2.2 kg



DGL 34 Art. no. 4933385110

Single high speed 2-handed die grinder

Features:

- Long spindle for easy access to awkward places
- High rotation precision metal gearbox with double bearing seating of the spindle
- Weight only 1.8 kg



Power input	500 W
Collet diameter	6 mm
No load speed	34,000 rpm
Max. grinding wheel dia. (at 80 m/sec)	40 mm
Max. grinding pin dia. (at 45 m/sec)	25 mm
Weight	1.8 kg

Standard Equipment:

Spanner SW 17/SW 15, collet 6 mm, 4 m cable

DGL 30 E Art. no. 4933385120

Variable speed 2-handed die grinder

Features:

- Long spindle for easy access to awkward places
- Precision metal gearbox with double bearing seating of the spindle
- Weight only 1.9 kg



Power input	600 W
Collet diameter	6 mm
No load speed	10,000–30,000 rpm
Max. grinding wheel dia. (at 80 m/sec)	40 mm
Max. grinding pin dia. (at 45 m/sec)	20 mm
Weight	1.9 kg

Standard Equipment:

Spanner SW 17/SW 15, 4 m cable, collet 6 mm

DG 30 E Art. no. 4933385100

Variable speed single hand die grinder

Features:

- Short, compact design for easy handling
- Metal gearbox for precise rotation
- Ergo switch
- Also suitable for stationary use in drilling stands or on turning systems with gear neck diameter of 43 mm



Power input	500 W
Collet diameter	6 mm
No load speed	10,000–30,000 rpm
Max. grinding wheel dia. (at 80 m/sec)	40 mm
Max. grinding pin dia. (at 45 m/sec)	20 mm
Weight	1.3 kg

Standard Equipment:

Spanner SW 17/SW 15, 4 m cable, collet 6 mm

DG 7 E Art. no. 4933391200

Single low speed 2-handed die grinder

Features:

- Electronic speed control
- Long spindle for easy access to awkward places
- Heavy-Duty metal gearbox
- Low maximum speed



Power input	600 W
Collet diameter	6 + 8 mm
No load speed	3000–7000 rpm
Max. grinding wheel dia.	45 mm
Weight	1.5 kg

Standard Equipment:

Spanner SW 17/SW 15, 4 m cable, collet 6 mm

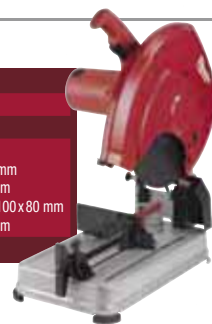
CHS 355 Art. no. 4933411760

2300 Watt chapsaw

Features:

- 2300 Watt motor with 3800 rpm for excellent cutting performance
- Lock pin function keeps the saw closed position during transportation (no chain required)
- Quick release vice adjustment for fast angle adjustment from -45° to +45°
- Quick release mitre clamp for fast work piece change
- Spindle lock for fast and easy disc change
- Easy brush change due to external brush doors
- Integrated metal fan for best durability and long life
- Stamped steel base with additional rips to prevent deforming

Power input	2300 W
No load speed	3800 rpm
Abrasive wheel diameter	355 mm
Cutting capacities at 90°, 45°:	
Round profile	125 mm, 100 mm
Square profile	115 mm, 80 mm
Rectangular profile	230 x 70 mm, 100 x 80 mm
L-Shape profile	130 mm, 80 mm
Weight	18.0 kg



Standard Equipment:

Spanner, allen key, 355 mm cutting disc

S 2.5 Art. no. 4933368530

Plate shear for cutting up to 2.5 mm in steel

Features:

- Precision metal gearbox and cutting table with four-sided reversible blades
- Safety hand guard and easy handling from slimline motor housing

Power input	500 W
Cutting capacity in steel plate	
up to 400/600/800 N/mm²	2.5/2.0/1.5 mm
in aluminium up to 250 N/mm²	3.0 mm
Max. cutting speed	5–7 m/min
Min. cutting radius	20 mm
Rated load strokes	1350 spm
Weight	2.2 kg



Standard Equipment:

Hand guard, spanner, 4 m cable, four-sided blades, thickness gauge

N 2 Art. no. 4933368520

Nibbler for sheet steel up to 2 mm

Features:

- Precision metal gearbox for accurate cuts particularly when working with templates
- Direction of the cutting tool can be changed 90° to both sides
- Clean, burr-free cutting
- Excellent curve negotiation
- Also suitable for corrugated and trapezoidal sheets when equipped with special die (accessory 4932279498)

Power input	500 W
Cutting capacity in steel plate	
up to 400/600/800 N/mm²	2.0/1.5/1.0 mm
in aluminium up to 250 N/mm²	2.5 mm
Max. cutting speed	1.3 m/min
Min. cutting radius	4 mm
Rated load strokes	1350 spm
Weight	1.8 kg



Standard Equipment:

Spanner, 4 m cable, standard die

MCS 65 Art. no. 4933393325

Dry cut metal circular saw

Features:

- Dry-cutting technology provides fast, clean and burr-free metal cutting
- Cuts steel, stainless steel, aluminium, insulated foam panel
- Large cutting depth of 65 mm
- Powerful 1500 watt, 4000 rpm motor
- Exclusive chip-release shield latch for fast waste disposal and blade changing
- Plunge lever for fast and effective plunge cuts

Power input	1500 W
Cutting depth 90°	65 mm
Sawblade diameter	203 mm (8")
Arbor	15.87 mm (5/8")
No load speed	4000 rpm
Weight	5.7 kg



Standard Equipment:

1 x cermet tipped blade, 42 teeth, carrying case

WOODWORKING



SSPE 1500 X Art. no. 4933428900

1500 W SAWZALL®

Features:

- 1500 W Milwaukee® motor – highest overload protection in the industry; prevents motor burn up/failure
- Constant power technology – maintains constant speed under load for unmatched cutting performance
- Patented gear protecting clutch – extends gear and motor life by absorbing high impact forces caused by sudden blade lock-ups
- Patented counter balanced mechanism – smoothest running, lowest vibrating reciprocating saw in the industry
- Variable speed trigger and dial speed control – maximum speed control
- QUIK-LOK blade clamp system – provides fast and easy blade changes

Standard Equipment:

4 m cable, 1 SAWZALL® blade, additional keyed blade clamp, carrying case

NEW



Power input	1500 W
No load stroke rate	0–2800 spm
Stroke	32 mm
Weight	4.45 kg

SSPE 1300 QX Art. no. 652351

1300 W SAWZALL® with rotating rear handle

Features:

- 360° rotating handle for optimal user comfort
- Highest cutting performance due to powerful 1300 watt motor combined with a 32 mm saw stroke
- Gear protection system – protects the gear box in case of blade lock-ups
- Multipurpose blade reception
- FIXTEC blade reception



Power input	1300 W
No load stroke rate	0–3000 spm
Stroke	32 mm
Weight	4.2 kg

Standard Equipment:

4 m QUIK-LOK cable, 1 saw blade, carrying case

SSPE 1300 SX Art. no. 4933428520

1300 W SAWZALL®

Features:

- Powerful 1300 watt motor
- Gear protection system – protects the gear box in case of blade lock-ups
- Patented AVS Anti-Vibration-System ensures unsurpassed low-vibration running
- Variable speed pre-selection
- Keyless depth guide for optimised use of saw blades
- FIXTEC blade reception as well as change kit to keyed blade change



Power input	1300 W
No load stroke rate	0–2800 spm
Stroke	32 mm
Weight	3.9 kg

Standard Equipment:

4 m cable, 1 SAWZALL® blade, additional keyed blade clamp, carrying case

SSD 1100 X Art. no. 4933416710

1100 W SAWZALL®

Features:

- Permanent pendulum
- FIXTEC blade reception
- Water and finger protection nose for safer work and better rust protection
- Full wave electronic
- Variable speed trigger switch
- Durable long lasting slider cople mechanism



Power input	1100 W
No load stroke rate	0–2900 spm
Stroke	28 mm
Weight	3.4 kg

Standard Equipment:

4 m cable, 1 blade, carrying case

SCS 65 Q Art. no. 638051

190 mm circular saw (65 mm DOC)

Features:

- 1900 watt motor with large power reserves
- Unrivaled balance and comfort due to the adjustable 'TILT-LOK' handle with 'soft grip'
- Ideally positioned levers for depth and bevel cut adjustments
- Good visibility of blade at the cutting edge for improved control
- Robust aluminium base plate
- QUIK-LOK – patented system for fast change of cable



Power input	1900 W
Cutting depth 90°/45°	0–65/0–52 mm
Blade/arbor Ø	190/30 mm
No load speed	5800 rpm
Weight	5.5 kg

Standard Equipment:

4 m QUIK-LOK cable, carbide tipped 20 tooth saw blade, parallel guide, spanner

CS 60 Art. no. 4933419225

184 mm circular saw (61 mm DOC)

Features:

- 1600 W powerful motor with 5800 rpm for fast cutting through tough materials
- 0–56° bevel capacity and 45° positive stop
- Quick release locking lever design for fast bevel adjustments
- Large cutting capacity of 61 mm
- Large, ergonomic handles and levers for improved ergonomics and control
- Long side fence for straight cuts and precise guidance



Power input	1600 W
Power output	765 W
Max depth of cut	61 mm
Blade/arbor Ø	184/30 mm
No load speed	5800 rpm
Weight	4.8 kg

Standard Equipment:

Side fence, bag, saw blade key

CS 55 Art. no. 4933403635

165 mm circular saw (56 mm DOC)

Features:

- Compact and light-weight one-hand circular saw for fast and easy one-hand cutting
- Centre of gravity optimised design for better balance
- Professional, diecast aluminium base plate
- Large cutting depth of 56 mm
- Electronic motor brake, saw blade stops within seconds
- Excellent chip deflection – away from the user
- Ergonomic soft grip for comfortable use
- Easy access to carbon brushes for reduced downtime and increased productivity
- Spindle lock for fast blade-changing



Power input	1050 W
Cutting depth 90°/45°	0–56/0–37 mm
Blade/arbor Ø	165/30 mm
No load speed	5100 rpm
Weight	3.6 kg

Standard Equipment:

4 m cable, carbide tipped 24 tooth saw blade, parallel guide, spanner

JSPE 135 TX Art. no. 4933381230

Heavy Duty top handle jigsaw

Features:

- Excellent power/weight ratio – powerful 750 watt at only 2.5 kg
- LED light for perfect illumination of cutting area
- Precision blade guidance for precise cuts
- Patented FIXTEC system for fast keyless blade change
- Electronic with variable speed preselection, soft start and constant speed under load
- Adjustable chipping blower to the front and rear



Power input	750 W
Cutting depth wood/steel	135/10 mm
Cutting depth aluminium	30 mm
Mitre cutting angle to	45°
No load stroke rate	800–3000 spm
Stroke	26 mm
Weight	2.5 kg

Standard Equipment:

4 m cable, 5 saw blades, anti-splintering device, sliding shoe, dust cap, absorption adaptor, carrying case

FSPE 110 X Art. no. 4933357990

Heavy Duty body grip jigsaw

Features:

- Very slim motor housing for easy grip in any application and excellent view on the cutting line
- Precision blade guidance for precise cuts
- Patented FIXTEC system for fast keyless blade change and bevel adjustment with snap-in at 0° and 45°
- Electronic with variable speed pre-selection, soft start and constant speed under load
- Adjustable chipping blower to the front and rear
- Low vibration and smooth operation due to anti-vibration technology

Power input	730 W
Cutting depth wood/steel	120/10 mm
Cutting depth aluminium	30 mm
Mitre cutting angle to	45°
No load stroke rate	500–3000 spm
Stroke	26 mm
Weight	2.5 kg



Standard Equipment:

4 m cable, 5 saw blades, anti-splintering device, sliding shoe, dust cap, absorption adaptor, carrying case

BS 100 LE Art. no. 4933385150

4" (100 mm) belt sander

Features:

- Sanding surface 100x160 mm, for fast smooth sanding
- Variable preselection of belt speed for versatile use
- Integrated dust extraction with turbine and dust bag for dust-free work and less wear on sanding belt
- Easy changing of sanding belt
- Stationary work possible

Power input	1150 W
Belt length	620 mm
Sanding width	100 mm
Sanding surface	100 x 160 mm
Belt speed	230–400 m/min
Weight	5.3 kg



Standard Equipment:

4 m cable, dust bag, sanding belt

HBSE 75 S Art. no. 4933385135

3" (75 mm) belt sander

Features:

- Variable preselection of belt speed for optimum results and less wear on belt
- Drive belt roller with safety clutch
- Integrated dust extraction with turbine and dust bag
- Easy changing of sanding belt
- Bench mounting kit for stationary working

Power input	1010 W
Belt length	533 mm
Sanding width	75 mm
Sanding surface	75 x 130 mm
Belt speed	200–380 m/min
Weight	3.8 kg



Standard Equipment:

4 m cable, dust bag, sanding belt, bench mounting kit

ROS 150 E Art. no. 4933383640

6" (150 mm) random orbit sander

Features:

- 7 mm oscillation size
- Suitable for standard 6 hole abrasives

Power input	450 W
No load speed	4000–5500 rpm
Oscillation diameter	7 mm
Sanding disc diameter	150 mm
Oscillation rate	8000–11,000 rpm
Weight	2.5 kg



ROS 150 E/K

- As ROS 150 E but supplied in carrying case

Art. no. 4933383650

Standard Equipment:

4 m cable, dust bag, suction hose connection, additional handle, sanding disc

PRS 125 E Art. no. 4933391190

5" (125 mm) random orbit sander

Features:

- Ideal for smooth finish and fast stock removal on flat as well as curved surfaces
- Excellent dust extraction through base as well as side
- Variable speed for superior results in a range of materials

Power input	200 W
Oscillation rate	14,000–26,000 rpm
Oscillation diameter	2.0 mm
Sanding disc diameter	125 mm
Weight	1.3 kg



Standard Equipment:

4 m cable, set of sandpaper sheets, dust bag

POS 13 Art. no. 4933391175

1/3" sheet palm sander

Features:

- Oscillation movement 2 mm: ideal for fine sanding and working close to edges
- Integrated dust extraction in dust bag
- DUO attachment system for all types of sandpaper (Velcro® and clamp)

Power input	200 W
Oscillation rate	26,000 rpm
Oscillation diameter	2.0 mm
Base plate	80 x 130 mm
Sandpaper size (Velcro®)	80 x 133 mm
Sandpaper size (clamped)	80 x 166 mm
Weight	1.3 kg



PDS 13

- Also available as delta sander with sandpaper size 100x147 mm

Art. no. 4933391185

Standard Equipment:

4 m cable, set of sandpaper sheets, dust bag

PJ 710 Art. no. 4933378875

Biscuit joiner

Features:

- Rugged construction
- Powerful 710 watt motor
- Variable, precise angle adjustment with 3 preset angle positions (22.5°, 45°, 67.5°)
- Spindle lock for easy blade changing
- ERGO-switch
- Positioning depth gauge
- 6-tooth cutter
- Plunge depth adjustment knob with 6 preset positions
- Clear reference markings and scales
- Two column guides
- Anti-slip rubber pads in base plate

Power input	710 W
Cutting depth max.	19 mm
No load speed	10,000 rpm
Cutter Ø	100 mm
Weight	2.9 kg



Standard Equipment:

4 m cable, paper dust bag, key, chip deflector, 6 tooth cutter, carrying case

MS 216 SB Art. no. 4933419300

216 mm ultra compact slide mitre saw

Features:

- 1800 Watt motor – with enough power for high performance cutting in hard timber
- Dual vertical steel rails with two linear bearings deliver smooth sliding action
- Rail Lock – the saw head locks in the back position automatically
- Adjustable laser – allows the user to align the cutline and the blade
- Steel detent plate with preset angles gives repeated accurate cuts
- Lock lever/handle over mold – allows the user to make repeated cuts comfortably and without fatigue
- Mitre release system – for quick and smooth change of cutting orientation
- Integral LED jobsite light –for better visibility of work piece and cutline
- Spindle lock – for quick and easy blade change
- Compact base
- 48°/-2° bevel capacity

Power input	1800 W
Saw blade Ø	216 x 30 mm
Bevel (degrees) left	48°
Bevel (degrees) right	-2°
Mitre (degrees) right	50°
Mitre (degrees) left	50°
M 90° x 90° mm max. H x W	270 x 60 mm
M 90° x 45° mm max. H x W	270 x 48 mm
B 45° x 90° mm max. H x W	190 x 60 mm
B 45° x 45° mm max. H x W	190 x 48 mm
Weight	14.5 kg

14.5 KG WEIGHT

Lightweight for easy transportation

LIGHT AND LASER

Accurate cut line visibility

1800 W MOTOR

High power for optimum cutting performance

CAPACITY

-50° left and right mitre capacity. 48° and -2° bevel capacity

HIGH SLIDING FENCE

Maximum support

STEEL DETENT PLATE

Repeatable accurate cuts

Standard Equipment:

Sawblade 48 tooth, blade spanner, laser, LED light, work clamp, dust bag

Dust extraction kit for the MS 216 SB

Art. no. 4932430005

Content:

- 2 x MS 216 SB dust port
- 5 x Connector for Ø 32 mm hose
- 2 x Ø 32 mm hose
- 1 x Y connector
- 1 x Connector for Ø 36 mm hose



MS 305 DB Art. no. 4933411550

12" (305 mm) dual bevel sliding mitre saw

Features:

- Mitre angle digital readout – provides repeatable accuracy to 0.1°
- Dual integral jobsite lights – fully illuminate the work piece and cut line from either side of the blade
- 1800 Watt Direct Drive Motor with constant power technology – provides increased power with constant speed under load. This ensures a quick, clean cut even in hardwood materials.
- Integral dust channel – captures 75% of all dust and debris cut by capturing dust near the cut on both sides of the blade and directing it to the back of the saw
- Mitre capacity 55° to the left and 60° to the right – for maximum versatility. Mitre detents L & R at: 0°, 15°, 22.5°, 31.6°, 45°, 60°
- Dual-bevel design – to incline the saw head left and right 0° – 48° with bevel detents L & R at: 0°, 22.5°, 33.85°, 45°, 48°

Power input	1800 W
No load speed	3200 rpm
Cable	3 m
Weight	29.5 kg



Standard Equipment:

Workpiece clamp, dust bag, saw blade (60 teeth), vacuum adaptor Ø 35/58 mm, wrench, 3 m cable

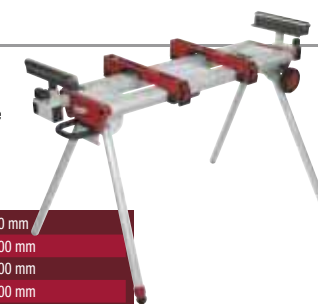
MSL 3000 Art. no. 4933411565

Universal mitre saw leg stand

Features:

- Extendable up to 3 m – makes it easy to cut large workpieces to length with the Milwaukee® double bevel mitre saw MS 305 DB
- Folds down to 1200 mm – thanks to the collapsible legs and compact design
- Height adjustment – provides increased stability on uneven floors
- Lightweight construction and wheel set – provides portability on the jobsite
- Comfortable working height – 81 cm guarantees a safe, accurate and comfortable working height
- Heavy Duty – carries up to 250 kg
- Fully adjustable workpiece rests – provide support for long lengths of material – single knob adjustment
- Quick to assemble – set up within seconds
- Roller supports – for effective material support

Height	810 mm
Base length	1100 mm
Extendable up to	3000 mm
Folds down to	incl. rollers 1200 mm
Bearing force	250 kg
Weight	23 kg



MSUV 275 Art. no. 4933419550

Mitre saw stand

Features:

- Upright folding design for easy storage in shops, garages, and trailers
- Improved setup with easy one action foot pedal lock and single lift point
- 2750 mm material capacity
- 180 kg maximum load
- Universal saw brackets – compatible with most popular brands
- Non-skid rubber feet
- Quick release extension locks
- Improved secondary bracket lock
- Integrated storage tray

Height	850 mm
Base length	1170 mm
Extendable up to	2750 mm
Folds down to	incl. rollers 1340 mm
Bearing force	180 kg
Weight	26 kg



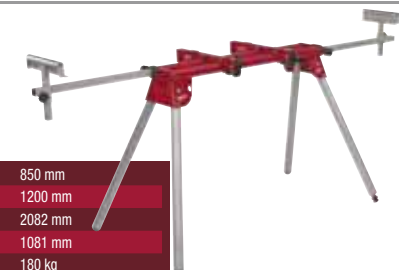
MSL 1000 Art. no. 4933428970

Mitre saw stand

Features:

- Light weight aluminum, easy to transport onto the jobsite
- 1.08 m total length, will fit into most small vans and cars
- Extendable each side – 2.08 m extended
- Quick release brackets
- One point leg adjustment for levelling on uneven ground
- Height adjustable level stops
- Will hold up to 180 kg
- Compact foldable design

Height	850 mm
Base length	1200 mm
Extendable up to	2082 mm
Folds down to	1081 mm
Bearing force	180 kg
Weight	16.6 kg



AS 250 ECP Art. no. 4933416050

25l dust extractor

- Features:**
- Compact 25 litre tank
 - 3600 litres/min airflow with 190 mbar suction
 - Ideal for site use
 - Power take off for auto switching of powertools

Standard Equipment:
Floor cleaning kit



Power input max.	1400 W
Air volume	3600 l/min
Max. vacuum	190 mbar
Weight	5.7 kg

AS 300 ELCP L-CLASS Art. no. 4933416060

30l L-Class dust extractor - easy clean filter cleaning

- Features:**
- Semi-compact 30 litre tank for site/workshop use
 - 3700 litres/min airflow with 250 mbar suction with power take off with auto switching for powertools
 - Easy clean PET filter
 - Super silent turbine for low noise
 - Anti-static package to prevent shocks caused by static charges
 - Dust class L. Standard MAK-factor > 1 mg/m³

Standard Equipment:
Floor cleaning kit



Power input max.	1500 W
Air volume	3700 l/min
Max. vacuum	250 mbar
Weight	10.0 kg

AS 500 ELCP L-CLASS Art. no. 4933416070

50l L-Class dust extractor - easy clean filter cleaning

- Features:**
- Large 50 litre tank ideal for workshop use
 - 3700 litres/min airflow with 250 mbar suction
 - Power take off with auto switching for powertools
 - Easy clean PET filter
 - Super silent turbine for low noise
 - Anti-static package to prevent shocks caused by static charges
 - Dust class L. Standard MAK-factor > 1 mg/m³

Standard Equipment:
Floor cleaning kit



Power input max.	1500 W
Air volume	3700 l/min
Max. vacuum	250 mbar
Weight	11.0 kg

AS 300 ELAC L-CLASS Art. no. 4933428455

30l L-Class dust extractor - auto clean filter cleaning

- Features:**
- Semi-compact 30 litre tank for site/workshop use
 - 3800 litres/min airflow with 250 mbar suction, power take off and auto switching for powertools
 - Easy clean PET filter
 - Super silent turbine for low noise
 - Anti-static package to prevent shocks caused by static charges
 - Dust class L. Standard MAK-factor > 0.1 mg/m³
 - Automatic filter cleaning system

Standard Equipment:
Floor cleaning kit



Power input max.	1500 W
Air volume	3800 l/min
Max. vacuum	250 mbar
Weight	12.0 kg

AS 300 EMAC M-CLASS Art. no. 4933416080

30l M-Class dust extractor - auto clean filter cleaning

- Features:**
- Soft start for precise start
 - Double filter system
 - Washable and longlasting filter
 - Anti-static package to prevent shocks caused by static charges
 - Power take off for auto switching of powertools
 - Automatic filter cleaning system
 - Dust class M. Standard MAK-factor > 0,1 mg/m³: mineral dust, wood dust (oak, beech)

Standard Equipment:
Floor cleaning kit



Power input max.	1500 W
Air volume	3800 l/min
Max. vacuum	250 mbar
Weight	10.0 kg

Metal Snips

Milwaukee® Snips feature a forged cutting head for maximum durability, machined steel blades for precision cuts.

Features:

- One handed locking for ease of use/quick open and close
- Flush bolt design won't hang up on material
- Forged alloy steel blades for maximum tool strength
- Hard chrome plated blades increases tool life by reducing rust corrosion

Article No.	Cutting direction	Total length	Edge length	Cutting capacities		Weight
				Steel / Aluminium / Copper thickness	Stainless steel thickness	
48224030	Straight	260 mm	31 mm	1.0 mm	0.6 mm	430 g
48224020	Right	260 mm	31 mm	1.0 mm	0.6 mm	430 g
48224010	Left	260 mm	31 mm	1.0 mm	0.6 mm	430 g



NEW

Heavy Duty Lineman's Pliers

Milwaukee® Lineman's Pliers feature four application specific designs (Reaming, Wire Cutting, Nail Pulling, Pliers) that allows professionals to carry less tools and get more done.

Features:

- Long handles for better leverage
- Laser hardened durable cutting edges
- Made from Chrome Vanadium steel
- Deburring ribs

Article No.	Cutting capacities		Total length	Weight	Deburring ø
	Medium / hard wire ø	Soft wire ø			
48223309	3.0 mm	4.6 mm	250 mm	500 g	25 mm



NEW

Water Pump Pliers

The Milwaukee® Quick Adjust Water Pump Pliers are the only tool of its kind on the market with exposed steel handles to smooth out rough edges of metal pipe and a forged steel design for maximum tool life.

Features:

- One hand push button adjustment for fast and firm grip
- Fine scale adjustment positions for precise grip
- Laser teeth for durability and toughness

Article No.	Total length A	Working capacities		Weight	Deburring head ø	Deburring handles ø
		Nut size (across flats)	Tubes / pipes ø			
48223108	200 mm 8 inch	30 mm	32 mm	270 g	38 mm	25 mm
48223110	250 mm 10 inch	36 mm	42 mm	450 g	51 mm	25 mm
48223112	300 mm 12 inch	50 mm	60 mm	800 g	70 mm	25 mm



NEW

Diagonal Cutting Pliers

Milwaukee® Diagonal Cutting Pliers feature a high-leverage design for maximum cutting power and precision.

Features:

- Offset ground tips to protect cutting edges
- Laser hardened cutting edges cuts wire, bolts, screws and nails
- High leverage design for cutting power and performance
- Reaming head design smooth edges of metal pipe from 12 mm to 25 mm
- Rust protection

Article No.	Total length A	Cutting capacities		Jaw length	Weight
		Medium / hard wire ø	Soft wire ø		
48224106	160 mm	2.5 mm	4.0 mm	22 mm	230 g
48224107	180 mm	3.0 mm	4.0 mm	26 mm	290 g



NEW

Fastback Flip Utility Knife Art. no. 48221901

Features:

- One handed blade opening:
User can flip open the blade with one hand for easy activation
- Integrated gut hook:
Allows users to make cuts without exposing the blade
- Tool free blade change:
Less down time in the field for blade changes
- Wire stripper:
Eliminates the need to look for another tool in user's bag
- Thin body design: Tool is easily stored in user's pocket
- Belt Clip: For easy storage



Rasping Jab Saw Art. no. 48220304

Features:

- Built in rasping holes:
Allows user to rapidly expand holes or smooth rough edges
- Rubber overmould:
Increased comfort and reduced hand slippage
- 150 mm plaster/drywall blade:
Extra strong blade is more resistant for plunge cuts.
Coated for corrosion protection.



Sliding Utility Knife Art. no. 48221910

Features:

- Side slide blade activation:
Reduces the risk of exposing the blade accidentally
- Wire stripper:
Eliminates the need for another tool in the user's bag
- Tool free blade change:
Saves time changing blades
- Blade storage:
Magnetic holder for five blades
- Heavy Duty:
Full metal body with rubber overmould for increased comfort and reduced hand slippage



Demolition blades for wood and nail impregnated wood

THE AX

FANG TIP™ NAIL GUARD™



For faster plunge cutting and reaching into restricted areas.

Protects the tooth during nail impacts for increased durability and life time.

- **Strong:** Extra thick 1.60 mm body for maximum robustness and life making it ideal for wood with nails or bolts.
- **Fast:** Aggressive 5 Tpi tooth geometry removes more material per stroke for faster cutting.
- **Sloped shape:** Excellent for plunge cutting and reaching into restricted areas.
- **Shatter resistant:** Bi-Metal construction allows the blade to bend and flex without breaking.

Heavy Duty blades for metal

THE TORCH



- **Strong:** Robust 1.06 mm thick body.
- **Shatter resistant:** The bi-metal blade body will bend and flex but not break.
- **Torch:** – Thick 1.06 mm robust blade body for precise cuts in sheet metal and pipes.
– 25 mm blade height for improved stability and minimum vibration.

Extra Heavy Duty blades for metal and demolition

THE WRECKER



- **Strong and precise:** Extra thick 1.60 mm blade body.
- **Bi-Metal construction:** Excellent blade life and performance.
- **Tooth geometry:** Aggressive strengthened tooth tip design and uniform gullet depth allows for more material to be removed per stroke for faster cutting.
- **Blade shape:** Sloped – The sloped shape makes this blade ideal for plunge cutting.
Most suited for cutting metal and for demolition applications (wood with nails).



HACKZALL Blades

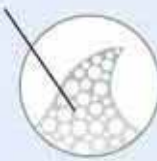
- Specially engineered blades for HACKZALLs giving 35% more cuts per charge.

High Performance Bi-Metal Cobalt Holesaws



ICE Hardening Process

87% Hard Metal



Standard Heat Treatment

87% Hard Metal



Surface Coating

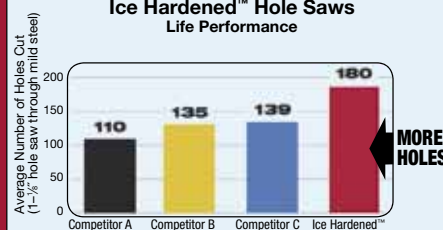
97% Hard Metal



ICE Hardening

more hard metal = 50% longer life time

Ice Hardened™ Hole Saws Life Performance



Up to 50% Longer Life
than the Competition

Ice Hardened™ Hole Saws Speed Performance



Up to 2 x Faster Cutting
than the Competition



8 pc Holesaw set
Ø 19, 22, 25, 29, 38 mm
Art. no. 49224005



14 pc Holesaw set
Ø 19, 22, 25, 29, 32, 35, 38, 44, 51, 57 mm
Art. no. 49224152



17 pc Holesaw set
Ø 20, 22, 25, 32, 40, 44, 51, 57, 64, 65, 67, 68, 76 mm
Art. no. 49224102



Nothing but **HEAVY DUTY.**[™]

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