



Gas Control Equipment



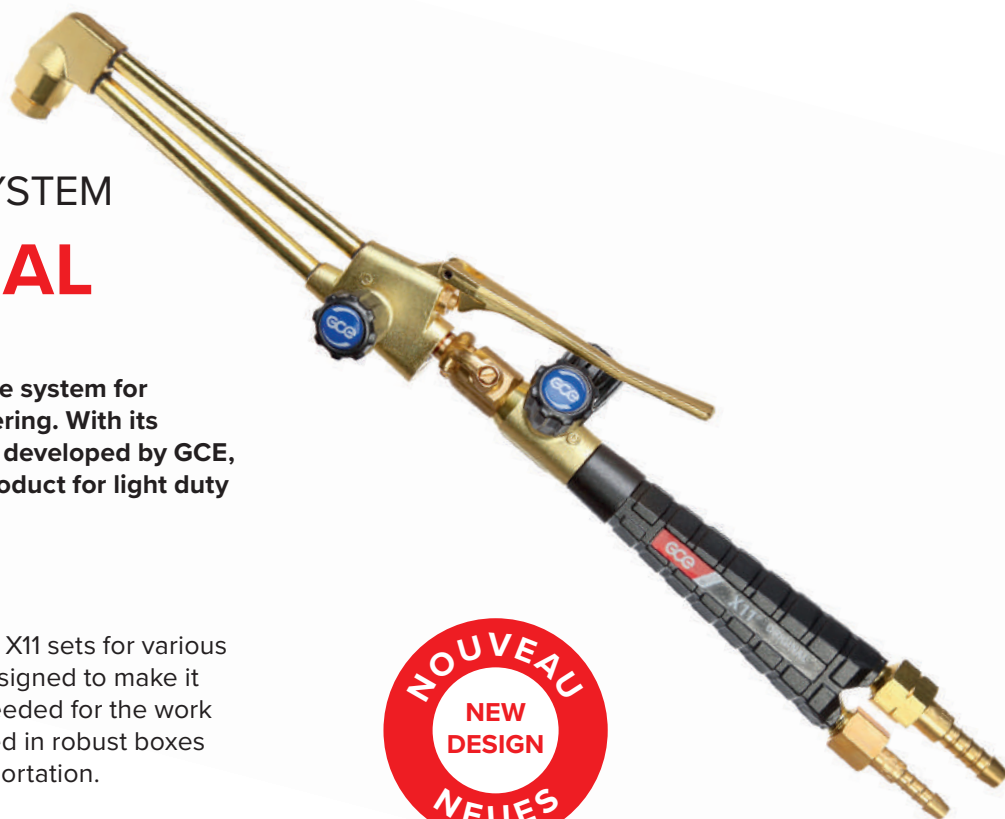
COMPLETE TORCH SYSTEM

X11® ORIGINAL

The GCE X11® Original is a complete system for cutting, welding, heating and soldering. With its ergonomic design and wide range, developed by GCE, it's probably the most attractive product for light duty applications on the market.

COMPLETE SETS

GCE offer a wide range of complete X11 sets for various applications. They are all special designed to make it easy for the user to select what's needed for the work to be done. The equipment is packed in robust boxes for good protection and easy transportation.



X11® ORIGINAL

TECHNICAL INFORMATION

The X11® Original is a complete system comprising everything you likely need for general welding, heating, brazing or cutting applications.

WELDING AND HEATING HEADS

The single flame, backfire safe, welding heads come in a flow range from 40 l/h up to 1250 l/h and have spanner grips for easy exchange of tips. The welding heads are made of chrome-plated copper for efficient heat dissipation and are fully swaged to give a perfect flame.

Flexible welding heads, heating attachments up to 2500 l/h, and soldering heads are also available.

EFFICIENT CUTTING NOZZLES

A wide range of nozzles for a better cutting performance is available in the X11 Original system. The solid cutting nozzle with flat seat sealing for the acetylene injector attachment, the two-piece nozzle for the propane attachment, as well as the three-seat nozzle for nozzle mix of the preheating gases, provide a complete and efficient assortment of nozzles.

WIDE RANGE OF APPLICATIONS

The cutting attachment is featured with either lever or knob, and comes with a straight or angled head. The injector and nozzle mix versions have a cutting capacity up to 150 mm, for all kinds of cutting situations.

ADVANTAGES

- The teflon washers on all attachments, for perfect seal, are easily replaced.
- The quick connection nut enables rapid exchange of the welding head and the cutting attachment.
- The new trim valve design and the cutting oxygen lever are easy to handle.
- A vast number of accessories increases the flexibility of the X11® Original torch system.
- The X11® Original might be used for acetylene as well as for propane.
- The X11® Original fully meets the requirements of EN ISO 5172 and is manufactured according to the Quality Management System ISO 9001.

X11® ORIGINAL SHANK - CONNECTIONS

Art. Nr.	Oxygen	Fuel gas
0767537	G1/4"	G1/4"LH
0767535	G1/4"	G3/8"LH



BV 12 RANGE WITHOUT NUT

Art. Nr.	Fitting	Hose (mm)	Quantity
0863531	G1/4"; 9/16" UNF	6,3	1
0863532	G3/8"; M16×1,5	6,3	1
0863533	G3/8"; M16×1,5	8	1
0863534	G3/8"; M16×1,5	10	1
0763568	G1/4" and G3/8" set of two	6,3/8 twin	1 (2 pcs)

BV 12 RANGE INCLUDING NUT



Art. Nr.	Gas	Fitting	Hose (mm)	Quantity
9402370	Fuel	9/16" UNF LH	6,3	1
871132	Fuel	G1/4" LH	6,3	5
871122	Fuel	G3/8" LH	6,3	1
871112	Fuel	G3/8" LH	8	1
871102	Fuel	G3/8" LH	10	1
0764437	Fuel	M16×1,5 LH	6,3	1
0764439	Fuel	M16×1,5 LH	8	1
9402990	Oxygen	9/16" UNF	6,3	1
871131	Oxygen	G1/4"	6,3	5
871121	Oxygen	G3/8"	6,3	1
871111	Oxygen	G3/8"	8	1
871101	Oxygen	G3/8"	10	1
0764436	Oxygen	M16×1,5	6,3	1
0764438	Oxygen	M16×1,5	8	1

CUTTING ATTACHMENTS

With the GCE X11 Original cutting attachment its possible to cut up 150 mm thickness.

Art. Nr.	Version	Head	Gas	Notice
0764151	Lever	90°	Acetylene	
0767545	Lever	90°	Acetylene	Nozzle HA411 No.1 included
N560172	Lever	90°	Acetylene	Nozzle HA411 No.1 included
0763614	Lever	90°	Fuel gas	Ace, propane, methane, natural gas



CUTTING NOOZLES



HA 411

The GCE HA411 flat seal injector nozzle special designed for cutting with acetylene. The cutting nozzle is made of copper with cylindrical gas channels which results in an even heating and cutting oxygen flame. The range of 5 sizes allows cutting up to 100 mm.

Art. Nr.	Thickness (mm)	Pressure - Ox. (bar)	Pressure - f. gas (bar)	Flow rate - Ox. (m³/h)	Flow rate - f. gas (m³/h)
0768826	1 - 3	1,5	0,2 - 0,8	0,2 - 0,3	0,1 - 0,2
0768827	3 - 10	1,5 - 2,0	0,2 - 0,8	0,5 - 0,6	0,1 - 0,2
0768828	10 - 25	3,0 - 4,0	0,2 - 0,8	1,6 - 2,0	0,3
0768829	25 - 50	4,0 - 4,5	0,2 - 0,8	3,8 - 4,2	0,3
0768830	50 - 100	3,0 - 6,5	0,2 - 0,8	5,0 - 9,8	0,3 - 0,5



HP 433: PROPAN-NATURAL GAS

The GCE HP433 flat seal injector nozzle special designed for cutting with propane or natural gas. The outer nozzle and is made from copper inner nozzle is made from brass with gas channels which results in an even heating and cutting oxygen flame. The range of 5 sizes allows cutting up to 100 mm.

Art. Nr.	Thickness (mm)	Pressure - Ox. (bar)	Pressure - f. gas (bar)	Flow rate - Ox. (m³/h)	Flow rate - f. gas (m³/h)
0769075	1 - 3	2,0	0,3 - 1,5	0,2 - 0,8	0,1
0769076	3 - 8	1,5 - 3,0	0,3 - 1,5	1,0 - 1,4	0,1 - 0,2
0769077	8 - 20	2,0 - 4,0	0,3 - 1,5	1,7 - 3,0	0,2
0769078	20 - 50	2,5 - 5,0	0,3 - 1,5	3,6 - 6,0	0,2



ANME

The GCE ANME 3 cone nozzle mix is designed for cutting with acetylene and intended to be used together with the nozzle mix cutting attachment. Nozzle has cylindrical cutting channels and six channels for heating. Nozzles allows cutting up to 150 mm.

Art. Nr.	Thickness (mm)	Pressure - Ox. (bar)	Pressure - f. gas (bar)	Flow rate - Ox. (m³/h)	Flow rate - f. gas (m³/h)
0768670	3 - 6	2,5 - 3,5	0,3	1,25 - 1,65	0,3
0768635	5 - 12	3,0 - 4,0	0,3	2,12 - 3,2	0,4
0768599	10 - 75	3,5 - 4,5	0,3	3,2 - 4,45	0,45
0768636	70 - 100	4,5 - 5,5	0,5	8,4 - 9,8	0,6
0768662	90 - 150	5,5 - 6,0	0,5	9,2 - 14,6	0,75



PNME

The GCE PNME 3 cone nozzle mix is designed for cutting with propane and intended to be used together with the nozzle mix cutting attachment. Nozzle has cylindrical cutting channel and nine channels for heating. Nozzles allows cutting up to 150 mm.

Art. Nr.	Thickness (mm)	Pressure - Ox. (bar)	Pressure - f. gas (bar)	Flow rate - Ox. (m³/h)	Flow rate - f. gas (m³/h)
0769494	3 - 6	2,5 - 3,5	0,2	1,8 - 2,95	0,3
0769495	5 - 12	3,0 - 4,0	0,2	3,3 - 4,95	0,4
0769496	10 - 75	3,5 - 4,5	0,2	5,0 - 8,6	0,45
0769497	70 - 100	4,5 - 5,5	0,4	9,4 - 12,8	0,6
0769498	90 - 150	5,5 - 6,5	0,4	14,0 - 18,6	0,75

COMPLETE X11® ORIGINAL BOX

0763484 includes:

X11 Original shank G1/4" + G3/8" LH	1 pce
Quick connection nut	1 pce
Cutting attachment 90°, with lever	1 pce
Cutting nozzle HA 411 (2-4)	3 pcs
Welding attachment 80-1000 l/h	6 pcs
Spanner	1 pce
Cleaning needles in a case	1 pce
Safety non return valve	2 pcs



Each product in the box is available as individual products as well.

*Other versions are available, please contact your local GCE sales office for information.

COMPLETE SETS

Art. Nr.	Shank	Cutting attachment	Welding attachment	Noozles	Other equipment
0764265	X11 G1/4" + G1/4"LH	X11 P 190 ACE 90° L	2A 160I, 3A 315I, 4A 500I	HA411 - No.2, No.3	cleaning needles, BV12 + nuts, QC, plastic case
0764264	X11 G1/4" + G1/4"LH	X11 P 190 ACE 90° L	1A 80I, 2A 160I, 3A 315I, 4A 500I, 5A 800I	HA411 - No.2, No.3, No.4	cleaning needles, BV12 + nuts, QC, spanner, washers, plastic case
204000315	X11 G1/4" + G1/4"LH	X11 P 190MIX 90° L	1A 80I, 2A 160I, 3A 315I, 4A 500I, 5A 800I, E5A 1000I	HA311 - No.2, No.3, No.4, No.5	cleaning needles, hose connections + nuts, QC, spanner, washers, metal case
71680001	X11 G1/4" + G3/8"LH	X11 P 190 ACE 90° L	0A 40I, 1A 80I, 2A 160I, 3A 315I, 4A 500I, 5A 800I	HA411 - No.1, No.2, No.3, No.4	cleaning needles, hose connections + nuts, QC, washers, plastic case
0763484	X11 G1/4" + G3/8"LH	X11 P 190 ACE 90° L	1A 80I, 2A 160I, 3A 315I, 4A 500I, 5A 800I, E5A 1000I	HA411 - No.2, No.3, No.4	cleaning needles, BV12 + nuts, QC, spanner, plastic case
0763487	X11 G1/4" + G3/8"LH	X11 P 190 ACE 90° L	1A 80I, 2A 160L, 3A 315I	HA411 - No.2, No.3	cleaning needles, BV12 + nuts, QC, spanner, plastic case
204000309	X11 G1/4" + G3/8"LH	X11 P 190 ACE 90° L	0A 40I, 1A 80I, 2A 160I, 3A 315I, 4A 500I, 5A 800I	HA411 - No.1, No.2, No.3, No.4	cleaning needles, hose connections + nuts, QC, washers, cutt. guide device, metal case
05400010	X11 G1/4" + G3/8"LH	X11 P 190 ACE 90° L	1A 80I, 2A 160I, 3A 315I	HA411 - No.1, No.2	cleaning needles, hose connections + nuts, QC, plastic case

WELDING & HEATING ATTACHMENTS

WELDING ATTACHMENTS



Art. Nr.	Size Nr.	Gas flow (l/h)	Thickness (mm)
9430540	0	40	0,2 - 0,5
9431640	1A	80	0,5 - 1,0
9390440P	2A	160	1,0 - 2,0
9389890P	E2A	230	1,5 - 3,0
9390460P	3A	315	2,0 - 4,0
9389900P	E3A	400	3,5 - 5,0
9390480P	4A	500	4,0 - 6,0
9389910P	E4A	650	5,0 - 7,0
9389380P	5A	800	6,0 - 9,0
9389400P	6	1250	9,0 - 14,0

FLEXIBLE ATTACHMENT



Art. Nr.	Size Nr.	Gas flow (l/h)	Thickness (mm)
9390590	1	80	0,5 - 1,0
9429790	2	160	1,0 - 2,0
9389580P	3	315	2,0 - 4,0
9390620	4	500	4,0 - 6,0
9389600	5	800	6,0 - 9,0

HEATING ATTACHMENT - ACETYLENE



Art. Nr.	Type
202232204P	Multiflame 500 l/h
202232205	Multiflame 800 l/h
202232206	Multiflame 1000 l/h

HEATING ATTACHMENT - PROPANE



Art. Nr.	Type
0763658	Multiflame 90 l/h
202232126	Multiflame 1000 l/h

ACCESSORIES

Art. Nr.	Type	Position
163811162890P	Spanner 6-gap	
9430450	Circle cutting device Ø 60-200 mm	3
9414770	Twin wheel cutting guide, injector	1
70510P	Twin wheel cutting guide, nozzle mix	2
9414760	Cleaning needles in a case	
9414750	Teflon washers, 5 pcs/package	