



Gas Control Equipment

## PORTABLE CUTTING MACHINES

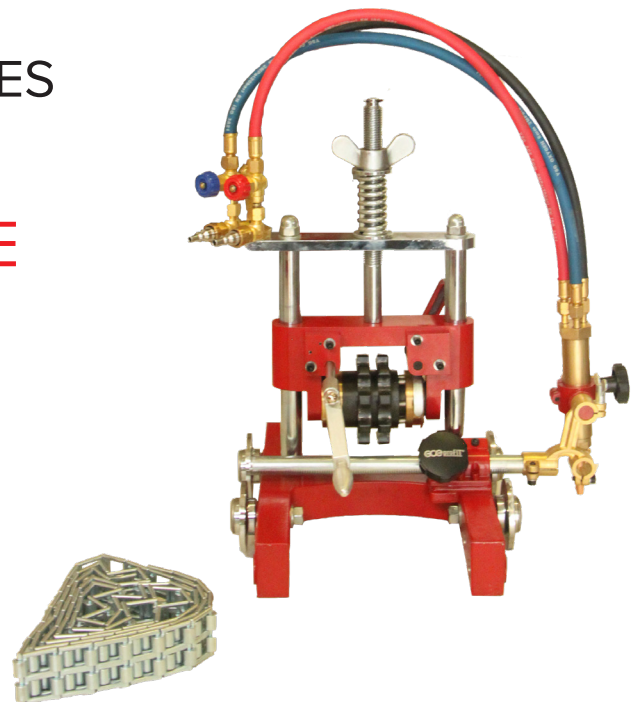
# **GCE PROFIT<sup>®</sup> PCM**

## PIPE CUTTING MACHINE

The **GCE proFIT<sup>®</sup> PCM** is a universal, manually driven cutting machine with a lightweight design for oxy-fuel applications, ideal for cutting of pipes up to 100 mm of tube wall thickness. Basic equipment contains a chain with the length for cutting pipes with external diameter up to 400 mm. The chain is built by the interlocking links which can be easily removed or added based on particular tube diameter.

There is no electricity needed for operating the machine. Therefore, it is an ideal tool that can be used in each workshop but also on-site.

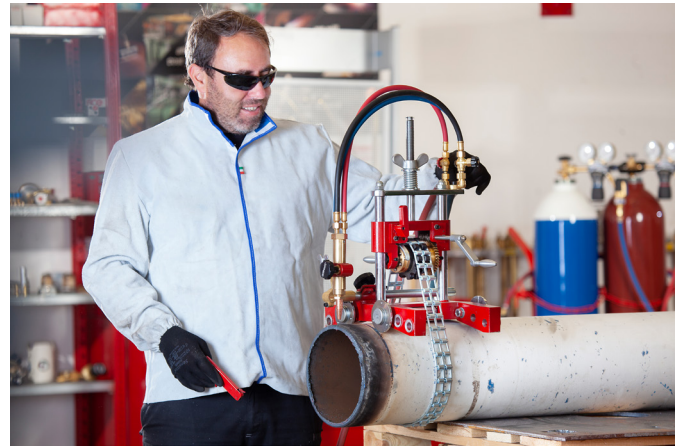
Besides perpendicular cuts, the machine can be used for cutting bevels with angle adjusted on the torch holder mechanism.



# GCE PROFIT® PCM

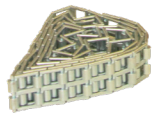
## FEATURES

TECHNICAL DATA	
<b>Cutting capacity:</b>	up to 100 mm of tube wall thickness
<b>Cutting speed:</b>	manually driven
<b>Operation:</b>	forward and reverse manually operated
<b>Oxygen inlet connection</b>	G1/4", up to 8 bar, hose min. DN8
<b>Fuel gas inlet connection:</b>	G3/8"LH, up to 1 bar, hose min. DN8
<b>Body dimensions:</b>	(400 × 500 × 600) (W x L x H in mm)
<b>Weight:</b>	15 kg
<b>Chain links:</b>	Zn - coated



## GCE PROFIT® PIPE CUTTING MACHINE

Article Number	Description	Nozzles to be ordered
<b>0870648</b>	<b>GCE proFIT®PCM with nozzle-mixing cutting torch*</b>	
<b>3C00448</b>	Additional chain links, 82 detachable links, 2,4 m	
<b>F25310014</b>	Cutting torch nozzle mixing, G1/4, G3/8, G3/8LH	ANME, PNME
<b>F25310015</b>	Cutting torch nozzle mixing, 9/16 UNF	ANME, PNME



3C00448



F25310014

### \*BASIC MACHINE PACKAGE INCLUDES:

- > Manually driven machine
- > One nozzle mix cutting torch with basic cutting nozzle
- > Torch holder, torch bar, chain tightening mechanism
- > Internal gas hoses, gas manifold with shut-off valves
- > Basic chain 1.3 m long



## ACCESSORIES AND TOOLS



14008408



14008263



14008278

Art. Nr.	Description
<b>14008157</b>	Brass cleaning brush
<b>14056010P</b>	Cleaning needle for cutting oxygen channels
<b>14008263</b>	Flashback arrestor heating oxygen
<b>14008278</b>	Flashback arrestor fuel gas
<b>14008408</b>	Flashback arrestor cutting oxygen



14008157



14056010P

## CONSUMABLES



### CUTTING NOZZLES ANME - ACETYLENE

Article Number	Thickness (mm)	Size (inch)	Cutting speed (mm/min)	Oxygen (bar)	Fuel gas (bar)
<b>0768670</b>	3 - 6	1/32	560 - 470	2,5 - 3,5	0,3
<b>0768635</b>	5 - 12	3/64	480 - 390	3,0 - 4,0	0,3
<b>0768599</b>	10 - 75	1/16	400 - 205	3,5 - 4,5	0,3
<b>0768636</b>	70 - 100	5/64	220 - 150	4,5 - 5,5	0,5
<b>0768662</b>	90 - 150	3/32	160 - 125	5,5 - 6,0	0,5

### CUTTING NOZZLES PNME - PROPANE, NATURAL GAS

Article Number	Thickness (mm)	Size (inch)	Cutting speed (mm/min)	Oxygen (bar)	Fuel gas (bar)
<b>0769494</b>	3 - 6	1/32	550 - 430	2,5 - 3,5	0,2
<b>0769495</b>	5 - 12	3/64	440 - 360	3,0 - 4,0	0,2
<b>0769496</b>	10 - 75	1/16	380 - 205	3,5 - 4,5	0,2
<b>0769497</b>	70 - 100	5/64	220 - 150	4,5 - 5,5	0,4
<b>0769498</b>	90 - 150	3/32	160 - 125	5,5 - 6,5	0,4

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