



NEW MAXI – CNC Gas and Plasma Cutting Machine

Basic equipment

- **NEW** fully welded beam without bolted joints
- **NEW** two linear bearing in cross axis
- **NEW** AC servomotors
- cutting speed 0–20 000 mm/min.
- digital synchronization in longitudinal axis
- **NEW PIERCE 19**“ control system with touch screen
- floating cutting heads
- electric ignition
- **NEW** arc voltage height sensing of plasma torch
- automatic piercing with HI-LOW preheating
- torch selection from control system
- **NEW** automatic initial height sensing of plasma torch
- capacitive height control of oxy-fuel torch
- **NEW** automatic gas console
- parking facility for heads out of cutting area
- limit switch in each axis

Optional equipment

- plasma system by customer request
- pneumatic anti-collision system
- pneumatic, plasma or inkjet marker
- drilling head
- **NEW** air cooling for gas cutting
- control system heating (for winter operation)

Technical specification

MAXI	4 000	4 500	5 000	5 500
max. number of torche	6			
rail span	4 000 mm	4 500 mm	5 000 mm	5 500 mm
cutting width* – 1 torch	3 600 mm	4 100 mm	4 600 mm	5 100 mm
cutting width* – 2 torches	3 600 mm	4 100 mm	4 600 mm	5 100 mm
cutting width* – 3 torches	3 600 mm	4 100 mm	4 600 mm	5 100 mm
cutting width* – 4 torches	3 600 mm	4 100 mm	4 600 mm	5 100 mm
cutting width* – 5 torches	3 500 mm	4 000 mm	4 500 mm	5 000 mm
cutting width* – 6 torches	3 350 mm	3 850 mm	4 350 mm	4 850 mm
cutting length	by customer request			
min. parallel cut	90 mm			
cutting speed	0–20 000 mm/min.			
cutting thickness	up to 200 mm			
machine width	4 710 mm	5 210 mm	5 710 mm	6 210 mm
machine length	1 525 mm			
machine height (including rails)	1 800 mm			
cutting table height	700 mm			
plasma system	by customer request			
supply voltage	230V/50Hz			

* Technical data is valid for the application of oxy-fuel torches.
For data of alternative machine configurations, please, contact us.

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PIERCE
CONTROL AUTOMATION