



SCORPION – CNC Gas and Plasma Cutting Machine

Basic equipment

- linear bearing in cross axis
- backlash-free rack & pinion positioning
- AC servo-drive system (6 000 mm/min.)
- BURNY 2.5 Plus CNC control system
- membrane keyboard
- floating cutting heads
- speed control of torch vertical motion
- electric ignition
- manual material piercing

Optional equipment

- plasma system by customer request
- BURNY 10 LCD Plus CNC control system
- HI-LOW preheating
- automatic capacitive height control of oxy-fuel torch
- 2-step material piercing
- automatic initial height sensing of plasma torch
- arc voltage height control of plasma torch
- pneumatic marker

Technical specification

SCORPION	2 000	2 500	3 000
max. number of torches	4		
rail span	2 000 mm	2 500 mm	3 000 mm
cutting width* – 1 torch	1 600 mm	2 100 mm	2 600 mm
cutting width* – 2 torches	1 470 mm	1 970 mm	2 470 mm
cutting width* – 3 torches	1 340 mm	1 840 mm	2 340 mm
cutting width* – 4 torches	1 210 mm	1 710 mm	2 210 mm
cutting length	by customer request		
min. parallel cut	90 mm		
cutting speed	50–6 000 mm/min.		
standard cutting thickness	up to 200 mm		
machine width	2 650 mm	3 150 mm	3 650 mm
machine length	1 320 mm		
machine height	1 700 mm		
table height recommended	600 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.