

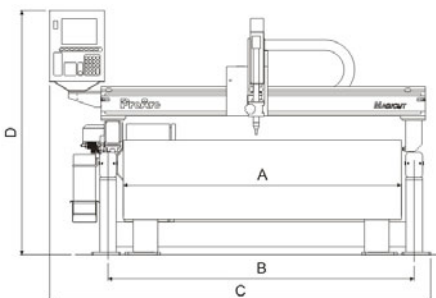


EDGE II CONTROLLER

Advance PC-base CNC controller  
 566 MHz Intel Celeron Processor  
 256 MB of RAM, 20 GB HD  
 10.4" VGA active matrix color LCD  
 screen, 1.44 MB floppy drive  
 Windows XP operating system

### Options:

- PC-005 Zinc powder for marking
- PC-007L Laser point positioning unit
- PC-047 Anti-collision device
- PC-102 Dwindraft cutting table
- PC-026 Mechanical torch height control
- PC-010 Flame torch height sensing control



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## FEATURES

- Magicut is offered in 4', 5' and 6' cutting width for plasma and oxy-fuel cutting.
- Compactly designed structure convenient for installation and transportation.
- The brushless AC servo motor has high torque, high resolution and inertia.
- Precision gear reducer with backlash less than 3 arc min.
- Position accuracy: +/-0.1mm, repeat accuracy: +/-0.1mm.
- Ability to construct/edit parts on screen.
- Shape library with graphic display.
- Part mirror, rotate, scale and plate alignment capability.
- Cut loss recovery - multiple options of return point.
- On-line help function.
- Complete optical isolation, grounding.
- RS232/RS422, programmable to 230K baud.

## SPECIFICATION

Model	Unit	Magicut 12	Magicut 15	Magicut 18
Power input	~	3 Phase 220V 50/60Hz.		
Max. cutting width (A)	mm	1300	1600	1900
Max. cutting length	mm	2500(+2500)		3200(+3200)
Max. workpiece thickness	m	50		
Max. travel speed	m/min	9		
Cutting speed	m/min	6		
Motor driven unit		AC servo motor		
Longitudinal drive		Rack & pinion		
Cross direction drive		Rack & pinion		
Longitudinal rail		Linear way & I-rail		
Cross direction rail		Double linear way		
Number of torch		1 plasma (+ 1 Flame Option)		
CNC control unit		EDGE II (Burny 2.5 Option)		
Overall rail length	mm	3420	4140	
Rail gauge (B)	mm	1520	1820	2120
Max. torch stroke on cross	mm	1300	1600	1900
Overall width (C)	mm	1875	2175	2475
Overall height (D)	mm	1500		
Overall length	mm	3500	4140	
Parking space	mm	800		
Weight	kg	1600	2000	2150

Specifications subject to change without notice