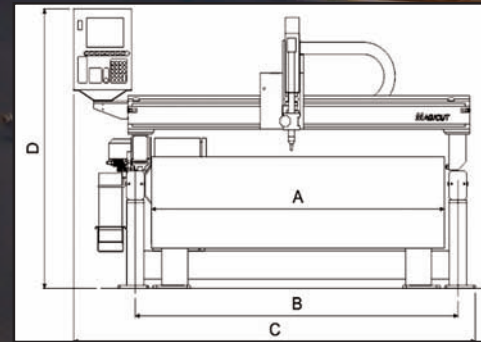


CUTTING AUTOMATION MAGICUT SERIES



SPECIFICATION

Model	Unit	Magicut 12	Magicut 15	Magicut 18
Power input	~		3 Phase 220V 50/60Hz	
Max. cutting width (A)	in	51	62	74
Max. cutting length	ft	8 or 16	10	20
Max. workpiece thickness	in / min		4	
Max. travel speed	in / min		350	
Cutting speed	in		230	
Motor driven unit	in		AC servo motor	
Longitudinal drive	in		Rack & pinion	
Cross direction drive	in		Rack & pinion	
Longitudinal rail	in		Linear way	
Cross direction rail	in		Double linear way	
Number of torch	in		1 plasma + flame (option)	
CNC control unit	in		EDGE II	
Overall rail length	in	135	159	159
Rail gauge (B)	in	61	73	85
Max. stroke on cross axis	in	51	63	74
Overall width (C)	in	80	92	104
Overall height (D)	in		60	
Overall length	ft	14 or 22	14 or 22	14 or 22
Parking space	in		31	
Weight	lb	2310	2310	2310

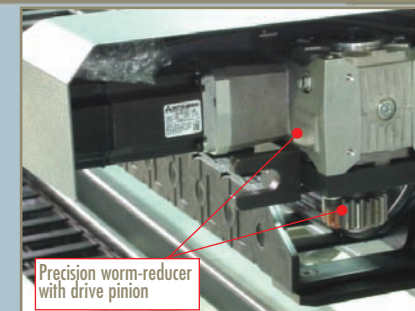
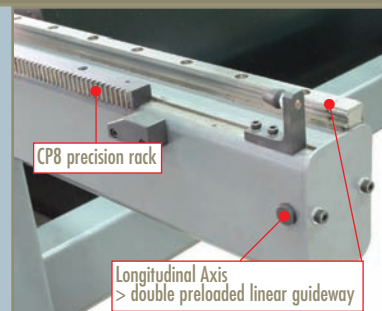
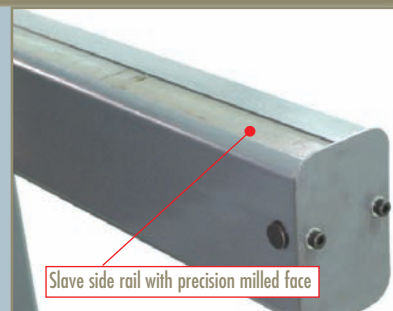
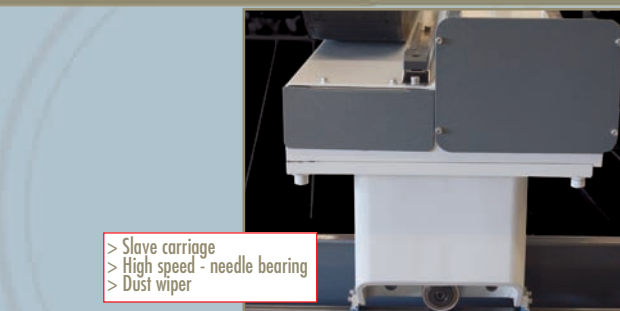


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MAGICUT 12/15/18

MAGICUT 12/15/18

FEATURES

■ Compact Design – Small Foot Print

- > Pre assembled
- > Skid mounted
- > Unique compact design

■ Construction based on Master Series

- > Sleek & rigid features
- > Unique compact design

■ Gantry System

- > Y axis utilizes high precision linear guide way – preloaded double linear ways
- > X axis main drive side employs high precision linear guide way
:: slave side Has one T rail (harden rail) – which is replaceable
- > Supports One Plasma Torch and One Oxy-Fuel Torch

■ Rail System

- > X /Y Axis applies precision rack (CP8) with drive pinion

■ Drive System

- > X /Y Axis adopt precision rack (CP8) with drive pinion

■ NPrecise Motion Control

- ≥ Backlash <3 arc minute

■ Stand alone CNC Control by Hypertherm Automation

- ≥ Servo drive amplifier box / IO interface / CNC / OPC
- ≥ Main power On / Off switch
- ≥ Level indicator

■ Sequential down draft cutting table

■ Fume collection duct

■ Mechanical duct-gate (vent) control

OPTIONS

- PC-004 Zinc powder marking torch
- PC-005 Zinc powder for marking
- PC-007 Laser point positioning unit
- PC-047 Anti-collision device
- PC-102 Downdraft cutting table
- PC-026 Mechanical torch height control
- PC-010 Flame torch height sensing control
- PC-002-2ND Motorized torch holder (2nd torch)