



# OPTIMAX M8

## FEATURES:

INDUSTRIAL CNC PLASMA  
 NEAR ZERO MAINTENANCE  
 SMOOTH & PRECISION  
 ERGONOMIC LOADING  
 ECO GREEN & SAFE  
 EASY OPERATION

## WHAT'S NEW:

10.4" COLOR MONITOR  
 RESPONSIVE THC SYSTEM  
 MULTI FUNCTION ENCODER  
 DYNAMIC SPEED GEARBOX  
 WIRELESS REMOTE CONTROL  
 CLOSE LOOP DIGITAL MOTOR



ARM CNC SYSTEM



WIRELESS REMOTE



AUTO THC & IHS



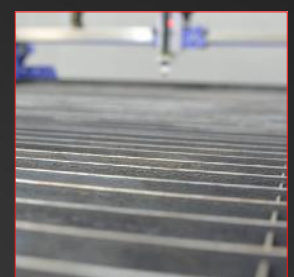
CVT STEEL BELT



READY STOCK UNITS



DSG GEARBOX



WATER TABLE

# OPTIMAX M8

## Technical Specification

### OPTIMAX

Model type  
Year

### Plasma Pro

M8  
2019

#### A CNC Controller :

CNC controller type  
Monitor size  
Controller coord display  
Graphic display / Zoom  
CNC CPU core  
CNC DSP chip / Mod  
Installed CNC motor  
Dual X axis slave  
Program storage capacity  
Storage type External / Internal  
Function Encoder  
Cutting preview / Offline mode  
Machine Coordinate  
Manual Mode  
USB host port  
Break point restore  
Power of restore  
Program rotation / Automatic  
Integrated Shape CAD/CAM  
Nesting  
THC activation

Industrial  
10.4" Full Color  
0.001 mm  
yes  
ARM  
Integrated  
3 axis  
Slave Independent  
Available  
Flash / SSD  
Multi function  
Full / Partial  
Auto Zero  
with ASSIST mode  
USB 2.0  
Arc of f / Manual  
Last position record  
Manual / Program  
Various / 48  
Row / Column / Qty  
Programmable

#### B Torch Height Control :

Z axis range (mm)  
Adjustable Z axis base  
Stroke safety limits  
Zero point switch  
THC voltage ( Plasma )  
Independent THC  
Manual override / THC offline  
THC drive motor  
Sensitivity control  
Online THC adjustable  
Arcon sensor port  
Auto Initial Height Setting

100  
Stepless  
mechanical  
mechanical  
upto 300V  
Automatic  
Up Down  
Digital Motor  
Digital  
v  
Standard  
Digital adjustable

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## Technical Specification

### C Electronic :

Homing / hardware zero	opt ðal
Software limit	2 axis
Hardware limit	mechanical
Cable management system	Carrier

### D Motor & drive system :

Digital motor with posit ðn encoder	3 axis
Posit ðn deviat ðn correct ðn	Automat ð
Stainless box track	50 mm
Cont ðous velocity tensioned / CVT belt	Mechanical adjustable
Gearbox reduct ðn	Variable speed
Rapid speed mm/m	12000

### E Frame & accessories

Machine Size	2200x3000x900
Work area X Y	1300x2500
Frame modular	Steel
Frame side cover	Steel
Steel full plate thickness capacity	12 mm
Integrated control box	Cooling fan included
Removable tray / slats table	50 mm
Water table	Modular

### F Support and Training

CAM / Nest ðg Software ARTCAM	included
Standard operator training ( Sby )	v
Maintenance training	v
Telephone / email support	v

\* v = yes - = no o = opt ðnal

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*Manufacturer reserve the right to improve product by changing the specif ðat ðn without prior not ðe*

*Please conf ðrm f ðnal specif ðat ðn before placing order*