

Industrial CNC Plasma Cutting Systems

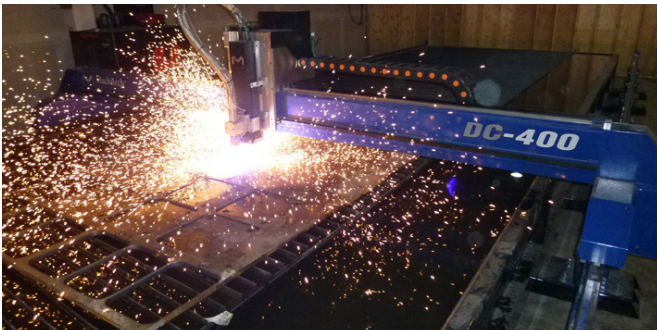
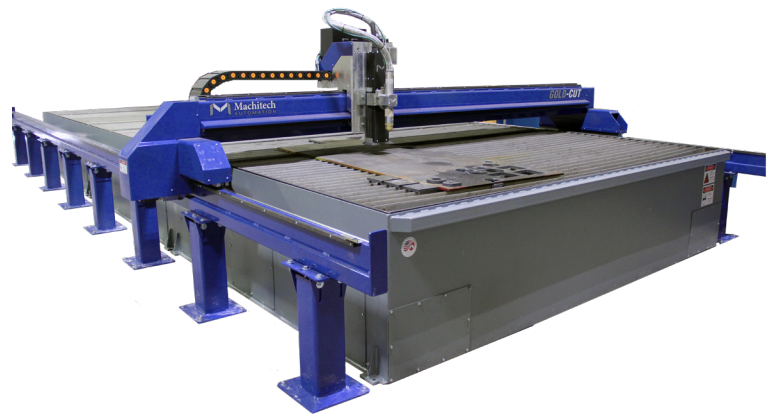
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Gold Cut - Efficiency & Performance

Perfect for fabrication shops looking for accuracy, high efficiency and high production

- Heavy-duty bridge & rail system
- High volume production
- High quality precision components
- Sheet metal to heavy plate capability
- Customized to user requirements



FEATURES:

- Modular design allows for table expansion
- Table sizes: 5' x 10' up to 10' x 40"
- Custom table sizes and configurations available
- Zoned down draft or water table
- 6" x 8" heavy duty fully machined steel gantry
- True dual drive system
- High quality Agma 10 rack & pinion
- Bosch linear ways on gantry
- Ultra precision helical planetary gearboxes
- Welded and machined over-sized end trucks
- Hypertherm conventional & HyDefinition plasma cutters
- Hypertherm Edge Connect CNC controller
- Hypertherm cutting & nesting software
- Windows-based, 15" touch screen monitor
- Machitech Automatic Torch Height Control
- Magnetic torch breakaway
- Integrated self diagnostics
- Full part list and electrical schematics
- On-site installation and training included
- Free lifetime remote support

Machine models and specifications are subject to change without notice.

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SPECIFICATIONS:

FEATURES	<ul style="list-style-type: none"> • Ideal for small to medium fabrication job shops • Looking for accuracy, efficiency and production with a budget • Customer can re-use existing table • Modular design allows for future table expansion • Dual drive technology
CONSTRUCTION	<ul style="list-style-type: none"> • Fully welded / machined steel gantry • Modular design (pedestal rail) • Separate table (water / downdraft) can be provided by customer or Machitech
GANTRY	<ul style="list-style-type: none"> • 6" x 8" steel, welded and machined • Over-sized end trucks, for maximum stability • Clearance under gantry: 6.5" • 3/4" Agma 10 rack and pinion • 25mm Bosch linear ways on machined surfaces • Cables and hoses are protected by the structure and enclosed power track • Heat shield under gantry
RAILS	<ul style="list-style-type: none"> • 3/4" Agma 10 straight rack and 2.5" pinion gears • Self-cleaning Dual Vee rails • Pedestal rail system (mid height)
TABLE SIZES	<ul style="list-style-type: none"> • 5' x 10' up to 10' x 40' • Custom sizes and configurations available
CNC	Hypertherm Edge Connect: <ul style="list-style-type: none"> • Windows based • 2 USB port, network connection • Phoenix software • Shape library • Part Program Support (PPS), Remote Help, Auto gas support, DXF import, and shape nesting • 2 year warranty
SOFTWARE	Hypertherm Cam: <ul style="list-style-type: none"> • Pronest / LT / LTS • Tube Pro
DRIVES	Digital AC Servo 750 watt / axis
GEARBOX	<3 arcminute Ultra Precision helical planetary
RACK & PINION	3/4" face – Agma 10
MAX. STATIONS	2 Plasma , 3 Oxy-fuel
PLASMA OPTIONS	Powermax, MaxPro200 Hypertherm HPRXD, XPR170 or XPR300
HYPERTHERM TRUE HOLE ENABLED	Yes - Optional

HYPERTHERM FULL SUITE	Yes - Optional
HEIGHT CONTROL	• Machitech THC
CUTTING SPEED	0 to 500 IPM, related to process and plasma power source
MAX. TRAVERSE SPEED	1000 IPM
REPEATABILITY	0.001"
POSITIONING ACCURACY	0.003"
TABLE TYPE	<ul style="list-style-type: none"> • Water table with raise/lower system • Zoned downdraft with removable trays • Table drawings available
TABLE CAPACITY	4"

OPTIONS AVAILABLE:

AUTO SLAG REMOVAL SYSTEM	No
CAMERA	Yes
DOT PEEN MARKER	Yes
DRILL	No
DRILL TOOL CHANGER	No
DUST COLLECTION SYSTEM	Yes - different systems and options available
EXTRA HIGH CLEARANCE	Yes - custom
INK JET MARKER	Yes
OXY-FUEL BEVELING	Yes - Straight line bevel adaptor
PLASMA BEVELING	Straight line bevel adaptor
PULL CORD	Yes
ROTARY PIPE/TUBE PROCESSING	<ul style="list-style-type: none"> • 10' long • 20' long
SCRIBER	Yes