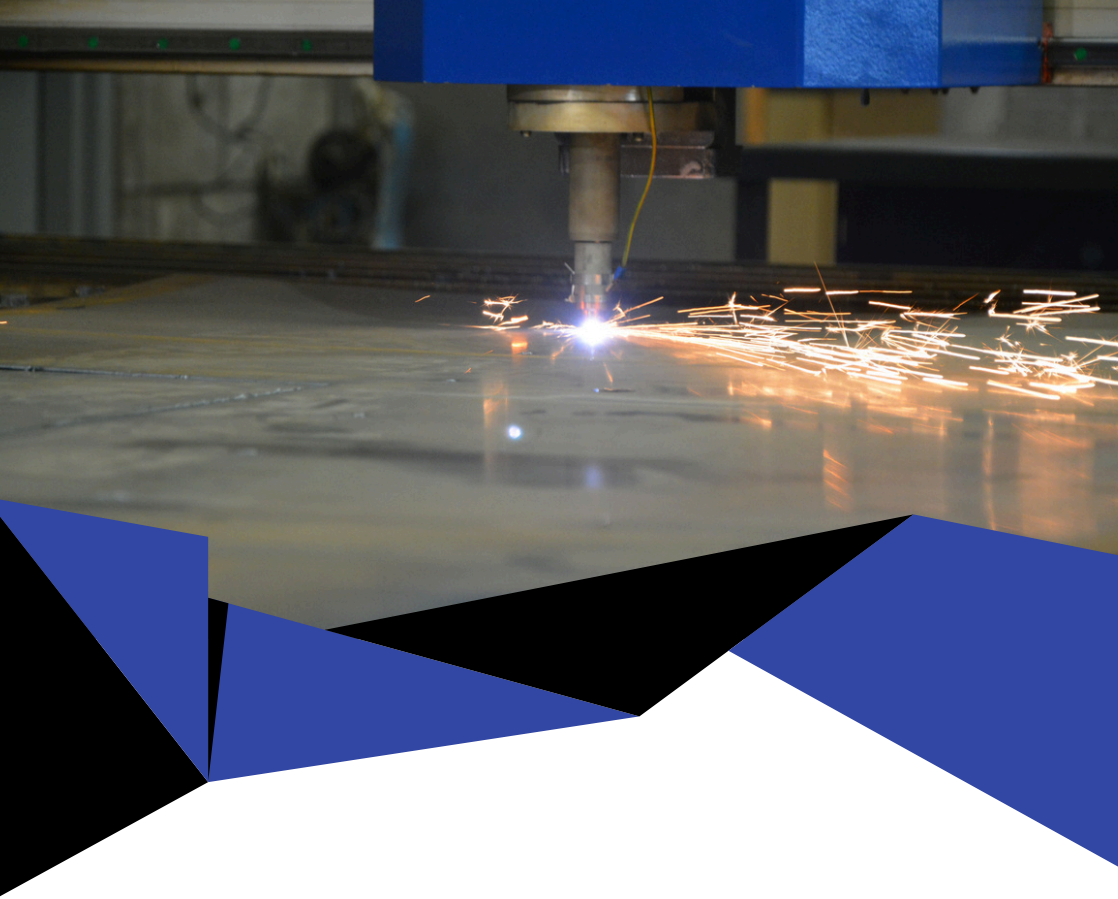


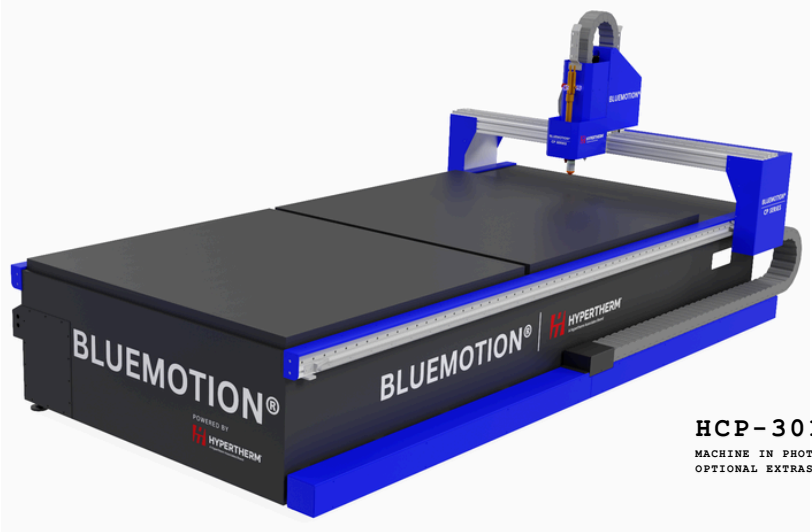
BLUEMOTION®

PLASMA PRODUCTS

HYPERTHERM®
A Hypertherm Associates Brand
Authorized Partner

HCP SERIES

INDUSTRIAL PLATE - CNC PLASMA MACHINE



HCP-3015

MACHINE IN PHOTO HAS OPTIONAL EXTRAS

Applications / Features	Best suited for sheets less than 40mm thick

Bed Type Options	Water bed	Downdraft Bed

Feature	Detail
Linear Components	Bosch Rexroth
Travel Speed	30 m/min
Positioning Accuracy	0.1mm
Controller	Hypertherm Edge
TrueHole	Yes

Model	Bed Size (mm)
HCP-1313	1350 x 1350
HCP-2513	2600 x 1350
HCP-3015	3100 x 1600
HCP-6015	6200 x 1600
HCP-4020	4100 x 2100
HCP-6020	6200 x 2100

BLUEMOTION®

PLASMA OPTIONS







Hypertherm Plasma	Pierce Capacity (Mild Steel)	Cutting Speed @ 16mm (Mild Steel)
Powermax 45 SYNC	12mm	500 (mm/min)
Powermax 85 SYNC	20mm	840 (mm/min)
Powermax 105 SYNC	22mm	1090 (mm/min)
Powermax 125	25mm	1260 (mm/min)
MAXPRO200	32mm	2265 (mm/min)
XPR 170	40mm	2017 (mm/min)
XPR 300	50mm	3280 (mm/min)

EXTRA OPTIONS

Item	Detail
Laser Alignment	Fast Sheet Setup
Scribe	High Speed Plate Marker
Oxy-Fuel Cuttting	Propane / Acetylene Gas Cutting Torch

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HCP SERIES

INDUSTRIAL PLATE - CNC PLASMA MACHINE

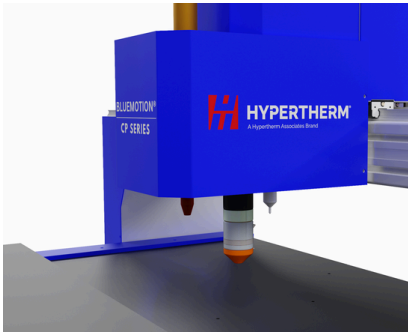


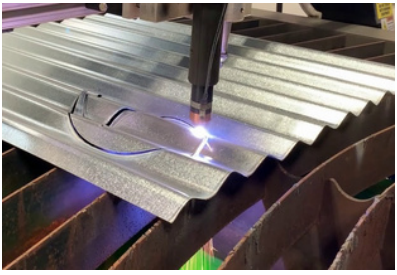
ProNest Nesting Software

- Powerful, high-yield nesting reduces your material costs and increases profitability.
- Incredibly easy to learn and use, with intuitive screens, and a wide variety of helpful features.
- Specialized cutting techniques can reduce total cut time by up to 50%. (Automatic Nesting Module is optional)

Collision Detection Technology

- Bluemotion's collision detection technology is integrated into the plasma head.
- No manual reassembly required after collision.
- Torch maintains zero position after collision (to within 0.1mm).

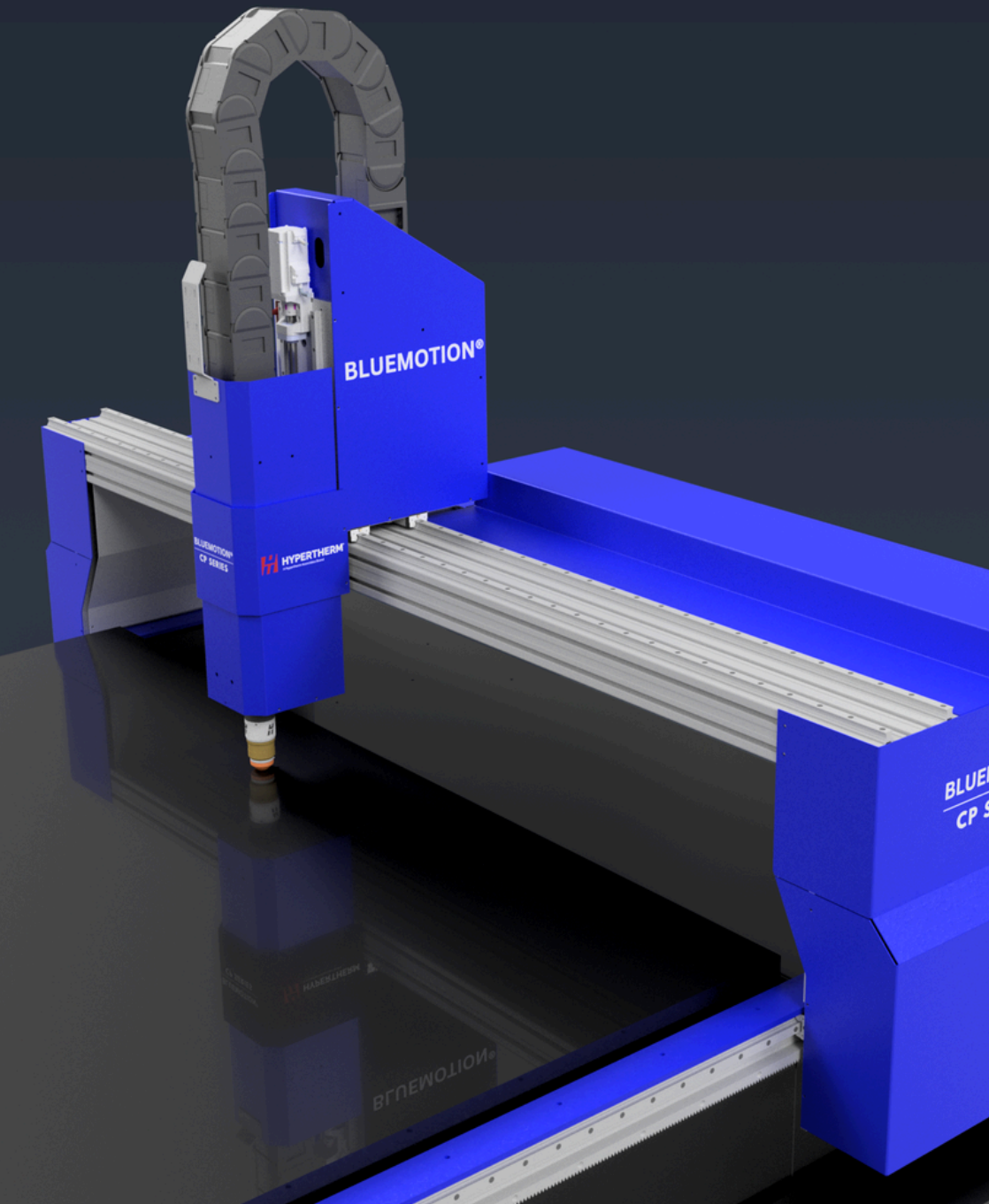




Automatic Height Control

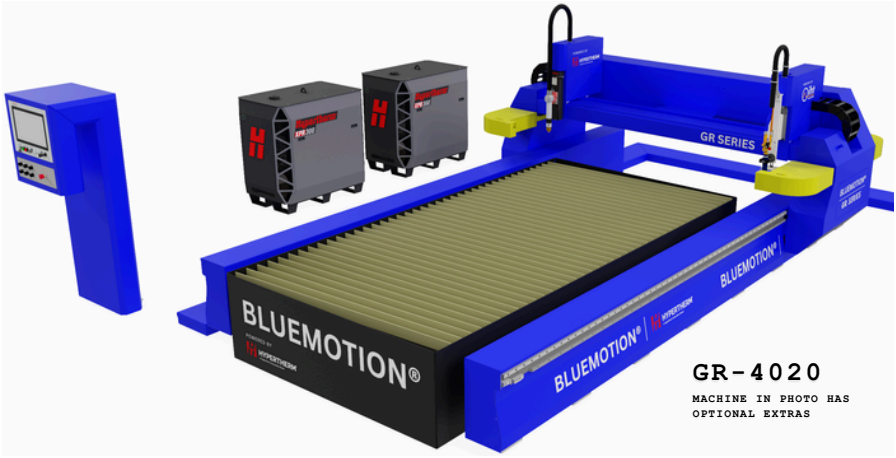
- Automatically adjusts head to workpiece height.
- Easy to use on workpieces with uneven surfaces.
- Ensures consistent cut quality along workpiece.

PHOTOS



GR SERIES

HEAVY INDUSTRIAL - CNC PLASMA MACHINE



Applications / Features	Heavy Industrial Cutting | High Definition Cutting

Bed Type Options	Water bed	Downdraft Bed

Feature	Detail
Linear Components	Bosch Rexroth
Controller	Hypertherm
Positioning Accuracy	0.01mm
Plate Marking	Yes (standard)
Collision Detection Torch	Yes
Truehole	Yes
Z Clearance	360mm

Model	Bed Size (mm)
GR-4020	4120 x 2100
GR-6020	6180 x 2100
GR-8020	8240 x 2100
GR-16020	16480 x 2100
GR-6030	6180 x 3100
GR-8030	8240 x 3100
GR-16030	16480 x 3100

*Custom sizes can be produced upon request.

PLASMA OPTIONS





Hypertherm Plasma	Pierce Capacity (Mild Steel)	Cutting Speed @ 16mm (Mild Steel)
MAXPRO200	32mm	2265 (mm/min)
XPR 170	40mm	2277 (mm/min)
XPR 300	50mm	3440 (mm/min)
XPR 460	64mm	4420 (mm/min)

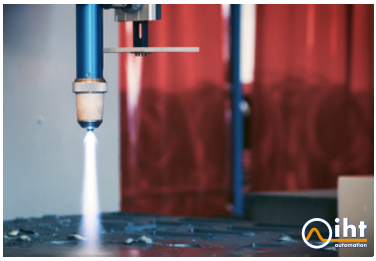
EXTRA OPTIONS

Item	Detail
Additional Cutting Heads	Up to 10
Oxy-Fuel Cuttting	Propane / Acetylene Gas Cutting - Up to 10 Torches
3D Bevel Cutting	True Bevel technology - Bevel angle < 50°
Drilling Head	Drill, Countersink, Tap

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OXY-FUEL OPTIONS



IHT Automation Autogen Cutting

- Automated gas control, flame ignition, height sensing, backfire detection and slag detection.
- Automated processes ensure maximum efficiency and a safe cutting environment.
- Lower cutting cost per meter than manual system.

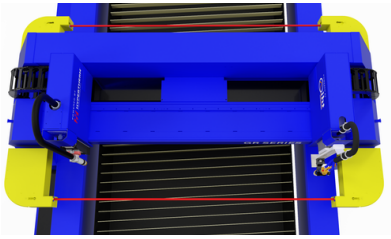
Features	Manual System	Automated System
Compatible with Multiple Fuel Gasses	✓	✓
3D Bevelling Capabilities	✓	✓
Automatic Flame Ignition	✗	✓
Automatic Height Sensing During Material Preheating	✗	✓
Integrated Automatic Height Control	✗	✓
Automatic Gas Control	✗	✓
Ignition Detection	✗	✓
Backfire Detection	✗	✓
Slag Detection	✗	✓


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GR SERIES

HEAVY INDUSTRIAL - CNC PLASMA MACHINE

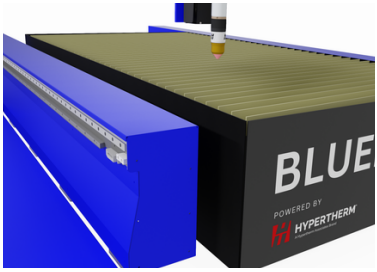


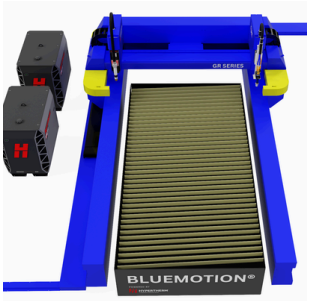
Safety Ring System

- Increased safety during operation and sheet loading / unloading.
- Bluemotion's unique safety ring technology improves operator safety during use.
- 360° safety coverage around moving elements of machine.

Covered Rail Design

- Protects rails from sheet contact, dust, sparks and slag.
- Increases longevity of rails and reduces maintenance requirements.
- Maintains machines accuracy and precision over long periods of time.





Heavy Steel Bed

- Aerospace Precision Machined Frame
- Improves accuracy and precision.
- Improves dynamic performance.

PT SERIES

PROFILE - CNC PLASMA MACHINE

BLUEMOTION®

PT-7515



Feature	Detail
Profile Capacity	160mm x 160mm (Square), 160mm Diameter (Round)
Positioning Accuracy	0.1mm
Plate Marking	Yes (optional)
Collision Detection Torch	Yes
Torch Height Controller	Yes
Anti-Collision	Yes

Model	Length* (mm)
PT-3015	3000
PT-7515	7500

*Custom length can be produced upon request.

Applications / Features	Automated tube coping and profiling

PLASMA OPTIONS



Hypertherm Plasma	Pierce Capacity (Mild Steel)	Cutting Speed @ 16mm (Mild Steel)
Powermax 45 SYNC	12mm	325 (mm/min)
Powermax 65 SYNC	16mm	560 (mm/min)
Powermax 85 SYNC	20mm	840 (mm/min)
Powermax 105 SYNC	22mm	1090 (mm/min)

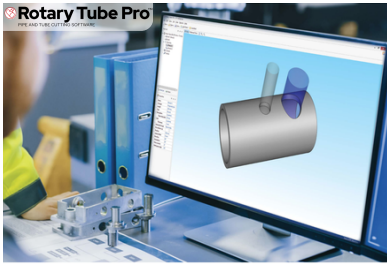
EXTRA OPTIONS

Item	Detail
Automatic Chucks	CNC Controlled Chucks
Water Cooling	Through Tube Cooling
Unload Assist	Automated Material Support for longer pieces
Load Assist	Automated Loading System

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PT SERIES

PROFILE - CNC PLASMA MACHINE

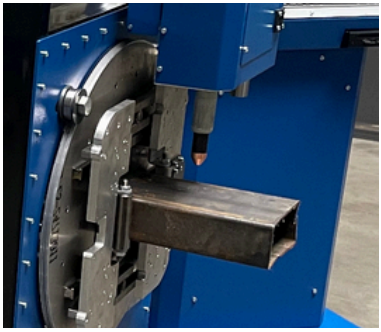


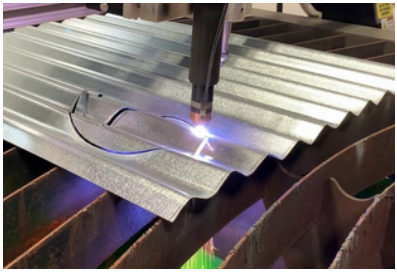
Rotary Tube Pro Nesting Software

- Powerful, high-yield nesting reduces your material costs and increases profitability.
- Incredibly easy to learn and use, with intuitive screens, and a wide variety of helpful features.
- Specialized cutting techniques can reduce total cut time by up to 50%.

Collision Detection Technology

- Bluemotion's collision detection technology is integrated into the plasma head.
- No manual reassembly required after collision.
- Torch maintains zero position after collision (to within 0.1mm).





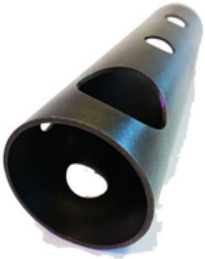
Automatic Height Control

- Automatically adjusts head to workpiece height.
- Easy to use on workpieces with uneven surfaces.
- Ensures consistent cut quality along workpiece.

PHOTOS









Air plasma: Powermax

Light industrial single gas (air, nitrogen, or F5) cutting systems, great for duct cutting, pipe cut-off, beveling, and robotic cutting.



HyPerformance plasma

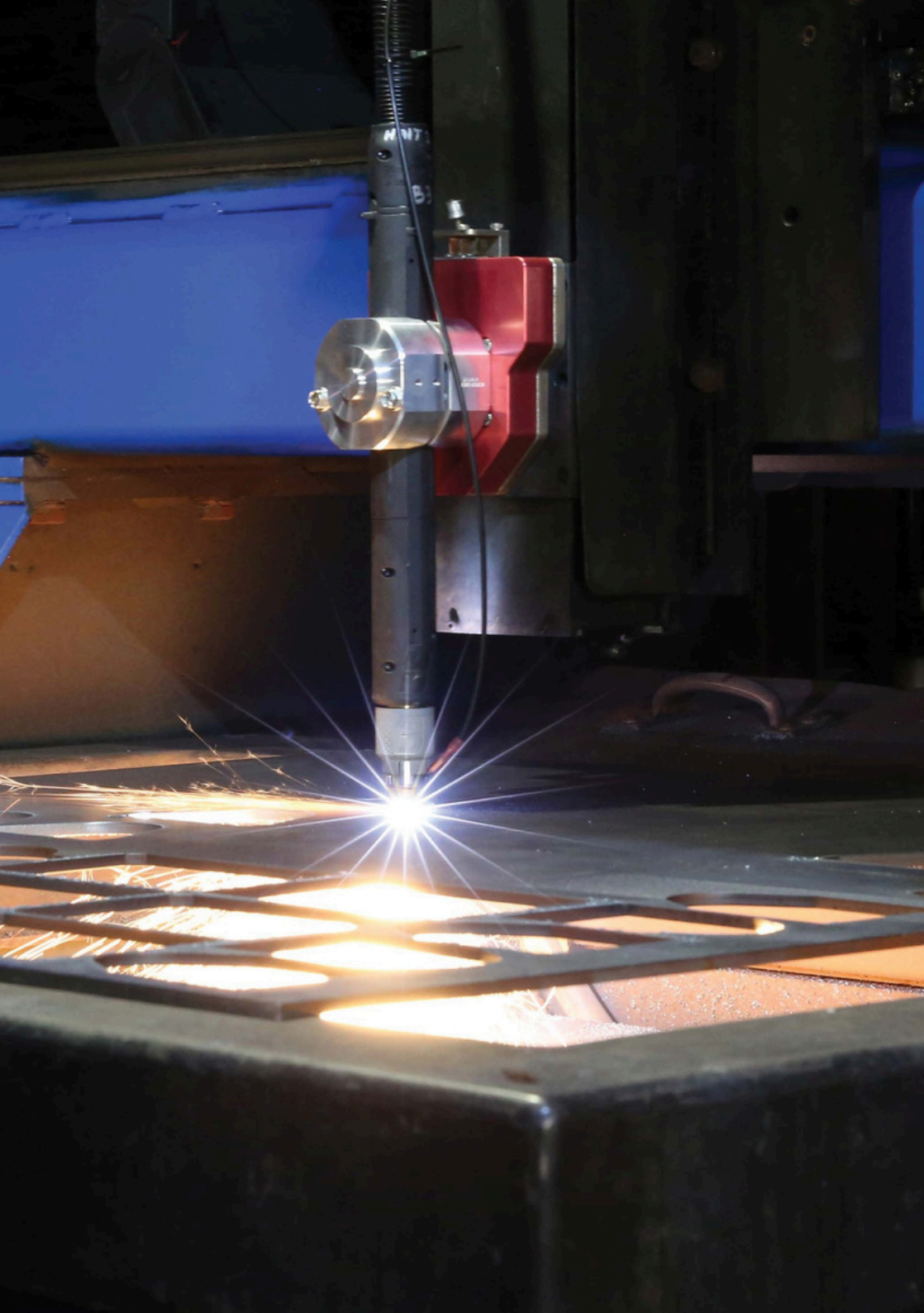
HyPerformance plasma systems deliver HyDefinition cut quality at a fraction of the operating costs. By incorporating our proven HyDefinition, LongLife, PowerPierce, HDi and True Hole technologies, HyPerformance plasma boosts overall performance, productivity and profitability. The systems offer unmatched process flexibility to cut, bevel and mark metals, including 3D shapes, up to 160 mm (6-1/4") thick.



XPR® plasma

XPR plasma represents the most significant advance in mechanized plasma cutting technology, ever. This latest generation system redefines what plasma can do by expanding its capabilities and opportunities in ways never before possible. With unmatched X-Definition® cut quality on mild steel, stainless steel and aluminum, XPR increases cut speed, dramatically improves productivity and significantly reduces operating costs. New ease-of-use features and engineered system optimization make XPR easier to run with minimal operator intervention, while also ensuring optimal performance and unmatched reliability.





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