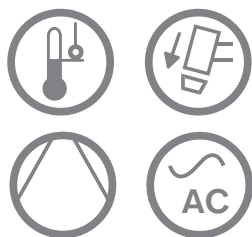


Have you seen what our air plasma can do?

Cutting metal gets easier every day. Today's air plasma systems offer many advantages over older machines.

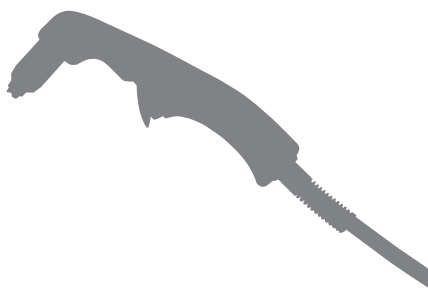


EASY TO USE

- Quick disconnect torch and work leads
- Automatic gas adjustment
- Simple controls

SMALLER AND LIGHTER

- More efficient
- More portable
- Faster cut speeds



TORCH DESIGNS

- More robust and ergonomic
- Available in styles ranging from hand to robotic, and even 4' long torches



CONSUMABLE DESIGNS

- New consumable designs with Conical Flow™ and Spring Start™ technology last longer than ever
- The Powermax105® cuts 157' more metal per consumable set than the MAX100® did

CUT CAPACITY

- Twenty years ago, the MAX100® had a severance capacity of 1-1/4"
- Today, the Powermax105® has a severance capacity of 2"

CONTACT START

- No high-frequency – Powermax systems won't interfere with other shop equipment

20 years ago



MAX100®

Amperage	100 A
Severance cut	1-1/4"
Cut speed 1/2"	35 ipm
Auto-voltage	No
Auto-gas	No
Start type	High-frequency
Removable torch	No

10 years ago



Powermax1650®

MAX100	420 lbs.
Powermax1650	134 lbs.
Powermax105	100 lbs.

Amperage	100 A
Severance cut	1-3/4" (a 38% increase)
Cut speed 1/2"	88 ipm (a 250% increase)
Auto-voltage	Yes
Auto-gas	No
Start type	Contact
Removable torch	Yes

Today



Powermax105®

Amperage	105 A
Severance cut	2" (a 55% increase)
Cut speed 1/2"	101 ipm (a 290% increase)
Auto-voltage	Yes
Auto-gas	Yes
Start type	Contact
Removable torch	FastConnect™

IF YOU ARE READY FOR THE LATEST IN PLASMA TECHNOLOGY, POWERMAX IS READY FOR YOU.

	Recommended	Severance	Input voltage	Duty cycle	Technologies
Powermax30 [®] XP	3/8"	5/8"	120-240 V, 1-PH	20-35%	Auto-voltage™ auto-air pressure Powercool™ design Conical Flow™ FineCut [®] and HyAccess™ consumables Duramax™ LT torch simple controls
Powermax30 [®] AIR	5/16"	5/8"	120-240 V, 1-PH	20-35%	Auto-voltage Powercool design built-in compressor simple controls
Powermax45 [®]	1/2"	1"	200-240 V, 1-PH	50%	Powercool design cutting and gouging modes FastConnect™ torch quick disconnect Conical Flow HyAccess consumables
Powermax65 [®]	3/4"	1-1/4"	200-480 V, 1-PH 200-600 V, 3-PH	50%	Powercool design cutting and gouging modes FastConnect torch quick disconnect SmartSense™ technology Conical Flow 11 Duramax torch styles FineCut consumables
Powermax85 [®]	1"	1-1/2"	200-480 V, 1-PH 200-600 V, 3-PH	60%	Powercool design cutting and gouging modes FastConnect torch quick disconnect SmartSense technology Conical Flow 11 Duramax torch styles FineCut consumables
Powermax105 [®]	1-1/4"	2"	200-600 V, 3-PH	80%	Powercool design cutting and gouging modes FastConnect torch quick disconnect SmartSense technology Conical Flow electrode end of life detection 11 Duramax torch styles FineCut consumables
Powermax125 [®]	1-1/2"	2-1/4"	480 V, 3-PH 600 V, 3-PH	100%	Powercool design cutting and gouging modes FastConnect torch quick disconnect SmartSense technology Conical Flow electrode end of life detection 11 Duramax torch styles FineCut consumables

Clean side/dirty side design
protects electronics

Easy-to-use controls

Mode selector for multiple
cutting and gouging modes

Smart Sense™ technology sets
gas pressure automatically

Powercool™ design for
greater reliability

FastConnect™ torch
quick disconnect

Removable work leads



For location nearest you, visit:
www.hypertherm.com

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One of Hypertherm's long-standing core values is a focus on minimizing our impact on the environment. Doing so is critical to our, and our customers' success. We are always striving to become better environmental stewards; it is a process we care deeply about.

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Hypertherm[®]
SHAPING POSSIBILITY™

