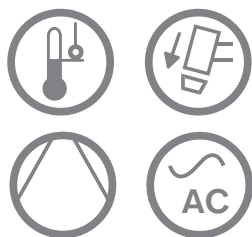


# Have you seen what our air plasma can do?

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

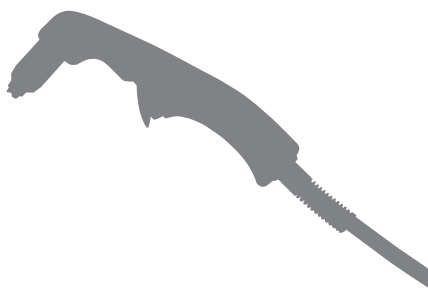


## EASY TO USE

- 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 <sup>®</sup> XP	3/8"	5/8"	120-240 V, 1-PH	20-35%	Auto-voltage™   auto-air pressure   Powercool™ design   Conical Flow™ FineCut <sup>®</sup> and HyAccess™ consumables   Duramax™ LT torch   simple controls
Powermax30 <sup>®</sup> AIR	5/16"	5/8"	120-240 V, 1-PH	20-35%	Auto-voltage   Powercool design   built-in compressor   simple controls
Powermax45 <sup>®</sup>	1/2"	1"	200-240 V, 1-PH	50%	Powercool design   cutting and gouging modes   FastConnect™ torch quick disconnect Conical Flow   HyAccess consumables
Powermax65 <sup>®</sup>	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 <sup>®</sup>	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 <sup>®</sup>	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 <sup>®</sup>	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](http://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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SHAPING POSSIBILITY™

