

# Hypertherm®

## Powermax125®

Professional-grade plasma metal cutting system for mechanized piercing 25 mm.



Capacity	Thickness	Cut speed
Severance	57 mm	125 mm / min
Pierce	25 mm	500 mm / min

### Maximum productivity

- Finish jobs faster with cut speeds five times greater than oxyfuel on 12 mm mild steel.
- Spend less time on grinding and edge preparation due to superior cut and gouge quality.

### Low operating costs

- Reduce costs with long consumable life and more uptime.
- Electrode end-of-life detection protects the torch and workpiece from damage by automatically stopping power when the electrode is overused.

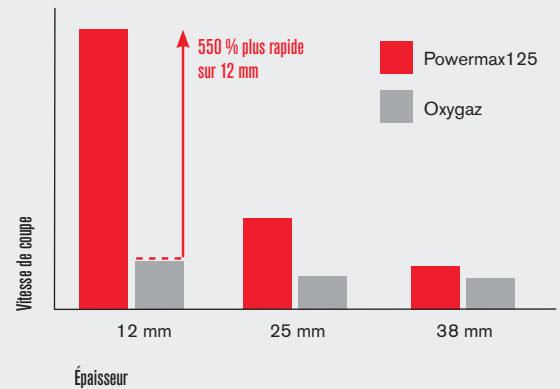
### Easy-to-use for cutting

- No need to change the air pressure. Smart Sense™ technology ensures that it is always correctly set.

### Built and tested to withstand the harshest conditions

- Duramax™ torches are designed for high-impact and heat resistance.
- SpringStart™ technology ensures consistent starting and a more reliable torch.
- Low maintenance for maximum uptime.

Performance de coupe relative sur acier doux



## Specifications

Input voltages	200–600 V, 3-PH, 50/60 Hz
Kilowatt output	21.9 kW
Input current @ 16.8 kW	400 V, 3-PH 36 A
Output current	30–125 A
Rated output voltage	175 VDC
Duty cycle @ 104° F (40° C)	100% @ 125 A, 400 V, 3-PH
Open circuit voltage (OCV)	305 VDC
Dimensions with handles	P 592 mm; L 274 mm; H 508 mm
Weight w/25' torch	48.9 kg
Gas supply	Clean, dry, oil-free air or nitrogen
Recommended gas inlet flow rate/ pressure	Cutting: 260 L/min @ 6 bar
Input power cable length	3 m
Power supply type	Inverter – IGBT
Engine drive requirement	40 kW for full 125 A output
Certifications	CSA-certified for use in the Americas and Asia, except China
Warranty	Power supplies have a 2-year warranty and torches a 1-year warranty

## ISO 9001:2008

La gestion environnementale est une valeur essentielle d'Hypertherm. Nos produits Powermax sont conçus pour se conformer et dépasser les réglementations environnementales mondiales, dont la directive RoHS.



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**Cut with confidence**<sup>®</sup>