

# Hypertherm®

## Powermax 65®

Professional-grade plasma metal cutting system for mechanized piercing 20 mm.

Capacity	Thickness	Cut speed
Severance	25 mm	125 mm / min
Pierce	12 mm	500 mm / min

### Maximum productivity

- Finish jobs faster with cut speeds three 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

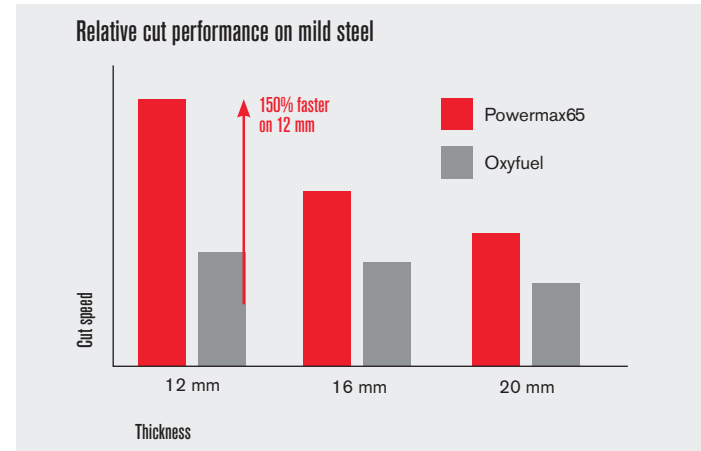
- Reduce costs with long consumable life and more uptime.
- Electrode end-of-life detection protects the torch and workpiece from damage by automatically stopping power when the electrode is overused.

### 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.



## Specifications

Input voltages	200-600 V, 3-PH, 50/60 Hz
Kilowatt output	9 kW
Input current @ 9 kW	200/208/240/480/600 V, 3-PH 32/31 /27 /13 /13 A
Output current	20-65A
Rated output voltage	139 VDC
Duty cycle @ 40° C	50% @ 65 A, 240 V, 3-PH 100% @ 46 A, 240 V, 3-PH
Open circuit voltage	295 VDC
Dimension with handles	D 592 mm; G 274 mm; Y 508 mm
Weight	32 kg
Gas supply	Clean, dry, oil-free air or nitrogen
Recommended gas inlet flow rate and pressure	260 litre / dakika @ 6 bar
Input power cable length	3 m
Power supply type	Inverter - IGBT
Engine drive requirement	15 kW for full 6.5 A output
Certificates	CE belgesi
Warranty	Güç kaynağı 2 yıl - torç 1 yıl

Engineered and assembled in the USA

ISO 9001:2008

Environmental stewardship is a core value of Hypertherm. Our Powermax products are engineered to meet and exceed global environmental regulations including the RoHS directive.



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**Hypertherm®**

**Cut with confidence®**

