

Hypertherm®

RT80

If you're ready to enhance your Powermax1100 with the kind of performance and reliability you'd expect to get only from a Hypertherm G3 Series™ system ... then you're ready for the new RT80 retrofit torch.



Hypertherm

RT80 Retrofit Torch



RT80 TORCH

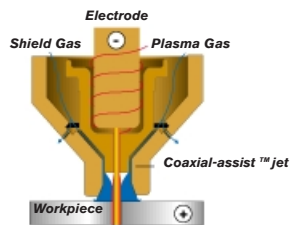
This capable 80-amp torch solution incorporates patented and proven performance enhancements: Coaxial-assist™ jet technology for faster cut speeds and Hypertherm electrode technology for parts life up to 10 times longer. Whether your Powermax1100 is part of a manual or a mechanized system, outfitting it with the new RT80 is sure to set new standards in your metal cutting operations.

BENEFITS

The RT80 retrofit torch delivers outstanding product benefits!

- Cut speeds up to 48% faster – 19 ipm on 1-inch steel (480 mm/m on 25 mm steel) with patented Coaxial-assist jet technology
- 173% longer consumable life through unique torch dynamics and HyLife electrode technology
- Consistent cut quality assured by patented blow-back contact-start torch technology
- Based on the proven design of the Hypertherm T80 torch for the Powermax1250 G3 Series
- Most consumables compatible with existing Powermax1250 and other G3 systems, allowing for consolidation of SKUs
- New narrow-profile nozzle shield allows drag-cutting convenience with the narrow front-end profile of a nozzle
- Chemically cross-linked cable jacket is twice as cut resistant and four times more burn resistant than competitive cables
- Quick-disconnect torch assembly provides a strain relief designed for durability
- Backed by 1-year torch-and-lead warranty

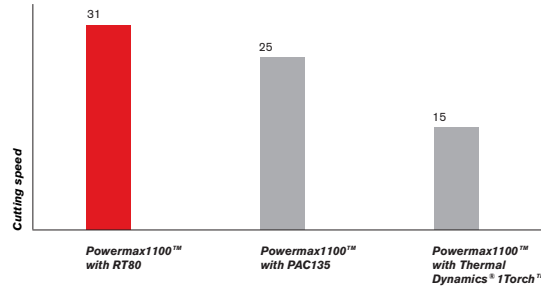
Hypertherm's patented Coaxial-assist jet design boosts cutting speed as much as 20% over conventional designs.



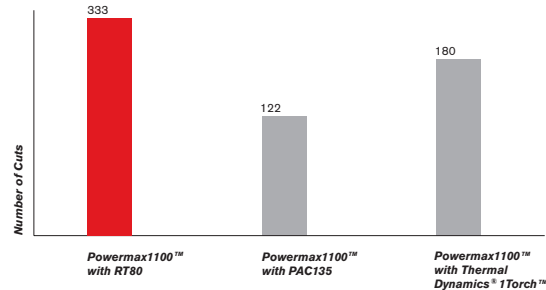
PRODUCTIVITY

The RT80 torch delivers production costs almost 30% lower than the original PAC135T torch on 3/4-inch mild steel, due to higher cutting speeds and dramatically increased parts life.

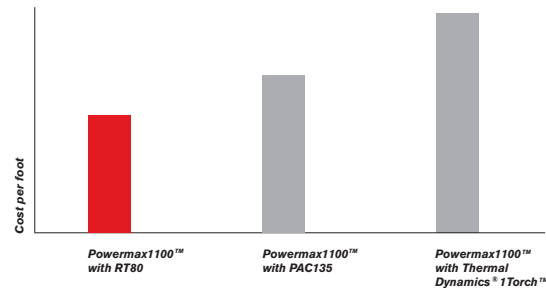
Cutting speed on 3/4-inch mild steel (19mm)



Number of 12-inch edge-started cuts on 3/4-inch mild steel (19 mm)



Relative cost of cutting on 3/4-inch mild steel (19 mm)



RT80 TORCH COMPONENTS

Manual torch



Mechanized torch



Kits and accessories

- Hand-held consumable parts kit
- Mechanized consumable parts kit
- Circle cutting guide assembly
- Leather lead cover
- Hand heat shield kit

RT80 torch assemblies

- 087033 RT80 Hand Torch Assembly, 25 ft (7.5 m) Leads
- 087034 RT80 Hand Torch Assembly, 50 ft (15 m) Leads
- 087035 RT80M Machine Torch Assembly, 25 ft (7.5 m) Leads
- 087036 RT80M Machine Torch Assembly, 50 ft (15 m) Leads

Hypertherm, Powermax, G3 Series, Coaxial-assist and HyLife are trademarks of Hypertherm, Inc. and may be registered in the United States and/or other countries.

© Copyright 5/03 Hypertherm, Inc. Revision 0
891060

All other trademarks are the properties of their respective owners. Data shown are the product of controlled testing in Hypertherm laboratories. Contact Hypertherm for a complete written description of test procedures.

www.hypertherm.com