

# Hypertherm®

## RT80 Retrofit torch



### TECHNOLOGY UPGRADE

## Upgrade to Hypertherm's RT80 retrofit torch for enhanced productivity over the original PAC135 torches.

### Increased cutting speeds

This capable 80-amp solution promises faster cutting speeds whether your Powermax1100® is part of a handheld or mechanized system.

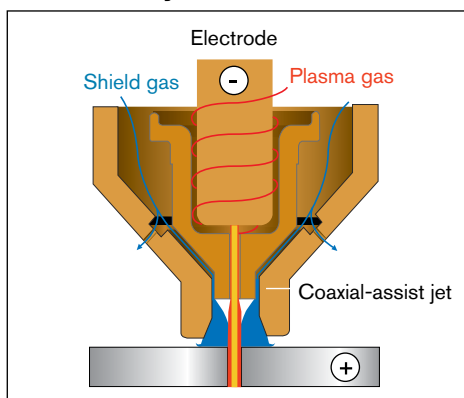
### Longer consumable life

The RT80 brings Coaxial-assist™ jet technology to your system for improved contact-starting and up to 10 times longer parts life!

### Decreased cutting costs

Increased cutting speeds and longer consumable life lead to greater overall productivity for a decrease in the cost of cutting.

### Coaxial-assist jet

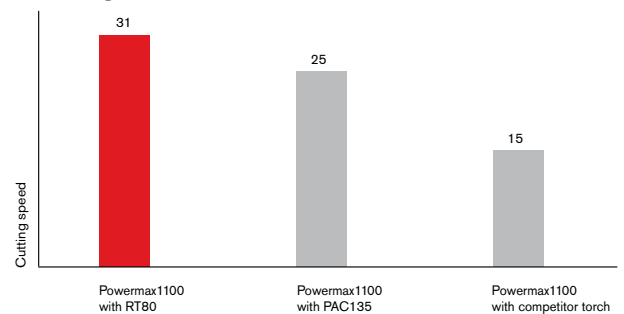


### COMPATIBLE WITH

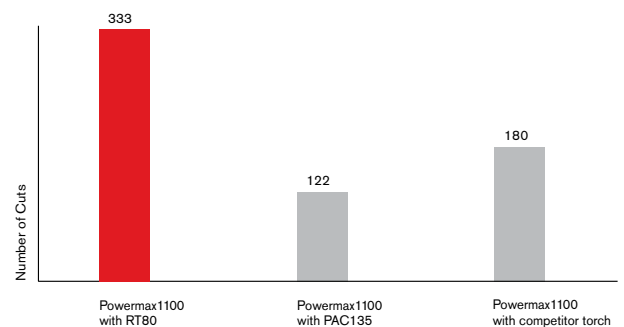
Powermax1100

### PERFORMANCE

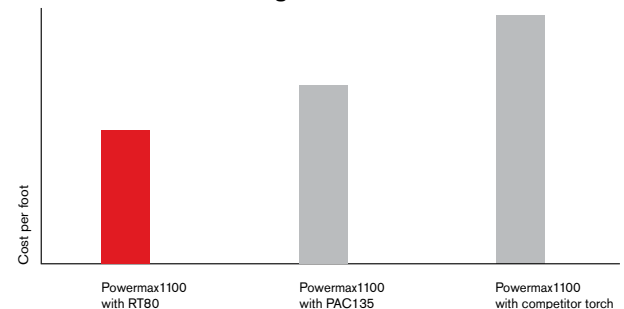
#### Cutting speed on 19 mm mild steel



#### Number of 304,8 mm edge-started cuts on 19 mm mild steel



#### Relative cost of cutting on 19 mm mild steel





FEATURES	BENEFITS
<b>Excellent torch and lead reliability</b>	Performs in most demanding applications
<b>Patented Coaxial-assist jet technology</b>	Cut speeds up to 48% faster – 480 mm/m on 25 mm steel
<b>Unique torch dynamics and HyLife® electrode technology</b>	Up to 173% longer consumable life
<b>Based on the Hypertherm T80 torch</b>	Proven design
<b>FineCut™ consumables</b>	Optimized cut quality on thin gauge mild and stainless steel
<b>Narrow-profile nozzle shield</b>	Improved drag-cutting
<b>Chemically cross-linked cable jacket</b>	Twice as cut resistant
<b>All consumables are compatible with Powermax1250 and Powermax1650 systems.*</b>	Consolidation of SKUs
<b>Backed by 1-year torch-and-lead warranty</b>	Reliable by design

\*60-amp consumables are compatible with Powermax1000 systems.

#### PARTS LIST

Part number	Description
<b>Kits and accessories</b>	
850440	All-in-one consumable kit – compatible with RT80 hand torch
850760*	All-in-one consumable kit – compatible with RT80 CE hand torch
128919	Consumable parts kit – hand torch
128920	Consumable parts kit – machine torch
128888	Consumable parts kit – FineCut
128889*	Consumable parts kit – FineCut CE
027668	Circle cutting guide assembly
024548	Leather lead cover, 7,5 m
128658	Hand heat shield kit
* Kits do not contain unshielded consumables and are for those countries requiring CE, CCC or GOST marks.	
<b>RT80 torch assemblies</b>	
087033†	RT80 hand torch assembly with 7,5 m leads
087034†	RT80 hand torch assembly with 15 m leads
087035†	RT80 machine torch assembly with 7,5 m leads
087036†	RT80 machine torch assembly with 15 m leads

† Assembly includes consumables



RT80M Retrofit torch



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**For all available consumable kit options visit [www.hypertherm.com/consumablekits](http://www.hypertherm.com/consumablekits)**