



Powermax® system comparison

60/65 AMP SYSTEMS



80/85 AMP SYSTEMS



100/105 AMP SYSTEMS



Features	Powermax1000	Powermax65	Powermax65 SYNC™	Powermax1250	Powermax85	Powermax85 SYNC™	Powermax1650	Powermax105	Powermax105 SYNC™
Last manufactured	2010	2021	New	2010	2021	New	2012	2021	New
System									
Consumable/cartridge end-of-life detection	⊘	⊘	●	⊘	⊘	●	⊘	●	●
Automated process setup	⊘	⊘	●	⊘	⊘	●	⊘	⊘	●
Cartridge utilization data collection	⊘	⊘	●	⊘	⊘	●	⊘	⊘	●
SmartSense™ technology automatically adjusts gas pressure	⊘	●	●	⊘	●	●	⊘	●	●
Fault code identification	⊘	●	●	⊘	●	●	⊘	●	●
Torches									
15 and 75-degree hand torches with amperage adjustment controls and safety lock feature	⊘	⊘	●	⊘	⊘	●	⊘	⊘	●
Standard and mini machine torches	●	●	●	●	●	●	●	●	●
Robotic torches - 45, 90, and 180-degree options	⊘	●	●	⊘	●	●	⊘	●	●
Long torches - 45 and 90-degree options	⊘	●	●	⊘	●	●	⊘	●	●
SpringStart™ technology for torch reliability and performance	⊘	●	●	⊘	●	●	⊘	●	●
Consumable/cartridge									
Single-piece cartridge consumables	⊘	○	●	⊘	○	●	⊘	○	●
Max control gouging	⊘	●	●	⊘	●	●	⊘	●	●
HyAccess™ available by system amperage*	⊘	●	●	⊘	⊘	●	⊘	⊘	●
FineCut®	●	●	●	●	●	●	●	●	●
Mechanized cutting	●	●	●	●	●	●	●	●	●
FlushCut™ available by system amperage	⊘	⊘	●	⊘	⊘	●	⊘	●	●
Drag cutting	●	●	●	●	●	●	●	●	●
Max removal gouging	●	●	●	●	●	●	●	●	●
Recommended system upgrade	Powermax65 SYNC ▶			Powermax85 SYNC ▶			Powermax105 SYNC ▶		

○ Requires adapter

* HyAccess cartridge availability pending. Check for availability status.