HYPERTHERM Powermax65 SYNC™

Description

Professional grade 20 mm (3/4?) plasma system provides automated process set-up and a revolutionary single-piece cartridge consumable for ease of use and optimized performance.

Easy-to-use with versatile design

- Easy to identify single-piece cartridge consumables are color coded by process to eliminate parts mix-up and simplify consumable inventory management.
- New SmartSYNC™ torches with the Hypertherm cartridge automatically set the correct amperage and operating mode, eliminating setup errors.
- End of life detection lets the operator know when it's time to change the cartridge.
- Less operator fatigue when using handheld torches with our new flexible lead. The lead has the same robustness of our previous lead jacket material and will also be used on robotic torches.

Minimizes Operating Costs

- Simplified operation minimizes downtime, troubleshooting, waste and training time.
- Advanced cartridge consumable design provides up to twice the life for hand cutting and improved quality over life in mechanized setups compared to standard consumables.
- Access to cartridge data for performance tracking, analyzing usage patterns.

Maximize Performance

- Tackle a wide range of jobs with easily interchangeable torch styles and application-specific Hypertherm cartridge consumables for various types of cutting and gouging.
- Reduce training time with simplified set up and consistent performance.
- Time-saving hand torch controls allow the operator to adjust the amperage on the fly and change consumables and applications without returning to the power supply.

Industry-leading reliability

- SmartSYNC™ torches are engineered for rugged, industrial environments.
- SpringStart™ technology ensures consistent starting and a more reliable torch.
- Industry-leading reliability reduces production downtime.

Specification

Cut Capacity	
Recommended	20 mm (3/4")
Severance	32 mm (1-1/4")
Output Range	20 -65 A
Input Range	415 V (Three Phase)
Pierce	
(*Pierce rating for handheld use or with automatic torch height control)	16 mm (5/8")

Application Capabilities

Mechanized Cutting

Drag Cutting

FineCut®

Max Removal Gouging

Max Control Gouging

HyAccess™

FlushCut™