

# Powermax105

At 105 amps, the Powermax105® offers cut speeds more than three times faster than oxyfuel. Smart Sense™ technology in the Powermax105 also detects consumable end-of-life, automatically turning off power to the torch to prevent potential damage to other parts or the work piece. A variety of Duramax® torch styles provide exceptional versatility for hand cutting and gouging, portable automation, X-Y table and robotic cutting or gouging.

Below are some of the most common system configurations, which include a power supply, torch, work cable and starter consumable kit.



Model (input voltage, phase, certification)	Handheld systems			Mechanized systems		
	75° torch 7,6 m	75° torch 15,2 m	75° and 15° torches 7,6 m	180° full-length torch 7,6 m with remote pendant	180° full-length torch 15,2 m with remote pendant	180° full-length torch and 75° hand torch 7,6 m
Powermax105* (230–400 V, 3-PH, CE)	059396	059397	059402	059398	059399	059404
Powermax105* (400 V, 3-PH, CE)	059416	059417	059422	059418	059419	059424

\*with CPC port and voltage divider

Capacity	Thickness	Cut speed
Recommended	32 mm	at 500 mm/min
	38 mm	at 250 mm/min
Severance	50 mm	at 125 mm/min
Pierce	22 mm*	

\*Pierce rating for handheld use or with automatic torch height control



75° hand torch



15° hand torch



180° mini machine torch



180° full-length machine torch

