

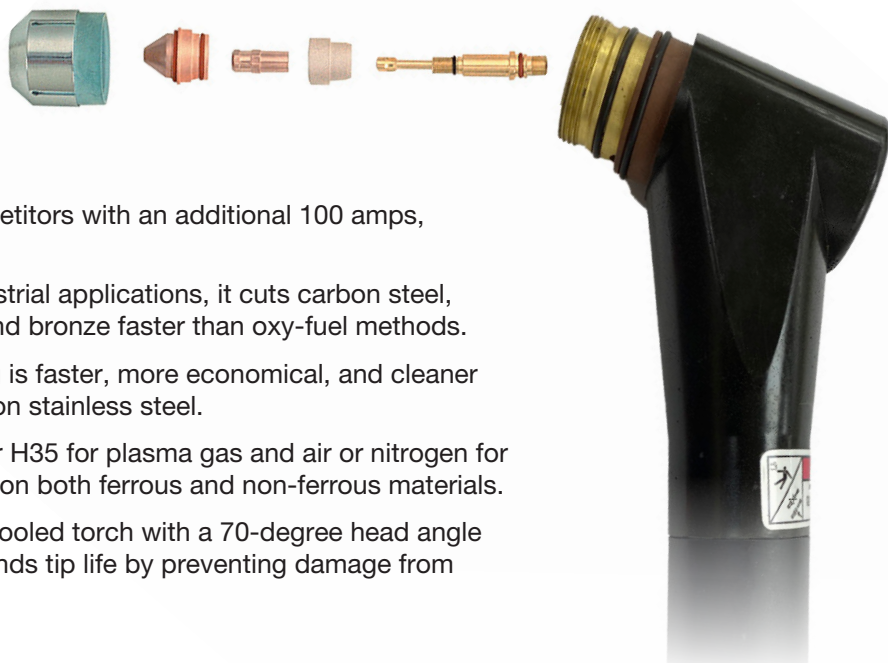
PAK® 300i

MANUAL AIR-PLASMA CUTTING & GOUGING SYSTEM

For unmatched power and versatility in thick steel plasma cutting and gouging.

Delivering 300 amps at 100% duty cycle, the PAK 300i can cut mild steel, stainless steel, and aluminum up to 3-½ inches (90 mm) and sever material up to 4 inches (100 mm).





PT-26P water-cooled torch with 70-degree head angle

KEY FEATURES:

- **High Output:** The PAK 300i surpasses competitors with an additional 100 amps, boosting cutting and gouging productivity.
- **Versatile Performance:** Ideal for heavy industrial applications, it cuts carbon steel, stainless steel, cast iron, aluminum, brass, and bronze faster than oxy-fuel methods.
- **Clean and Economical:** Plasma arc gouging is faster, more economical, and cleaner than manual carbon arc gouging, especially on stainless steel.
- **Dual Gas Capability:** Utilizes air, nitrogen, or H35 for plasma gas and air or nitrogen for the secondary gas, ensuring superior quality on both ferrous and non-ferrous materials.
- **Durable Torch:** Includes the PT-26P water-cooled torch with a 70-degree head angle and 50-ft. cable. The Tip Saver function extends tip life by preventing damage from accidental contact.



APPLICATIONS:

- Scrap cutting
- Heavy fabrication
- Mold and foundry operations (sprues, gates, repairs)
- Railroad and railcar maintenance
- Vessel manufacturing
- Pipe beveling and fabrication
- Petroleum refineries and chemical plants
- Mining operations
- Power generation
- Shipbuilding
- Structural applications
- Heavy equipment maintenance (removal of hardfacing buildup)

SPECIFICATIONS

Output Range	35 - 300 A
Recommended Cut	90 mm (3.5 in.)
Max Severance	100 mm (4 in.)
Input Volts	380 – 418 V, 3 ph, 50-60 Hz
	400 V CE, 3 ph, 50-60 Hz
	480 V, 3 ph, 50-60 Hz
	107 A @ 380 V
Input Amps	102 A @ 400 V
	92 A @ 480 V
Duty Cycle	300 A @ 100 % duty cycle
Plasma Gas	Air, Ar-H2, N2
Shield Gas	Air, N2
Power Supply Weight	277 kg (610 lbs)
Dimensions L x W x H	1031 x 698 x 1397 mm (40.6 x 27.5 x 55 in.)
Certifications	CE, CSA



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MANAGEMENT SYSTEMS