PTA TORCHES

Our PTA torch employs innovative design features for high efficiency performance with low maintenance and operating costs. These torches are designed on the basis of wide experimental investigations of plasma arc energetic characteristics, phenomena of powder heating in the plasma arc and molten pool, thermal-physical features of the parent metal.

Features:

- Standard nozzles with two powder ports.
- Fully machined construction to precise standards.
- Fully sealed internal powder feed to eliminate losses and contamination.
- An available heavy duty large shield.
- Increased cooling capacity - Complete encapsulation of the torch's gas and water service tubes.
- Longer nozzle life - Efficient cooling allowing for preheats. The unique design promotes rapid heat dissipation contributing to maximum nozzle life.
- Improved service life.
- Decreased powder wastage - Precise, reliable, efficient material delivery.
- Better arc control.
- One year Arcraft Warranty.

ID Torch

Specifications:

Parameters	PTA_ID_75
Min Bore Diameter (mm)	75
Max Bore Length (mm)	500
Duty Cycle	100 % at 150 Amp
Current Capacity (Amp)	200
Electrode (Tungsten) Diameter (mm)	2.4
Electrode Length (mm)	≥ 40
Torch Grip Diameter (mm)	32
Cable Length	4 meter / 13 feet (Optional 8 meters)

PTA_ID_75

OD Torch

Specifications:

Parameters	PTA_OD_400
Current	400 A
Duty Cycle	100 %
Electrode (Tungsten) Diameter	4.8 mm
Electrode Length	Min 175 mm – Max 240 mm
Torch Grip Diameter	38 mm
Cable	4 meters / 13 feet (Optional 8 / 12 mtrs)

PTA_OD_400

Consumables & Spares

- The unique design promotes rapid heat dissipation contributing to maximum consumables life.

Nozzle

Tungsten Electrode

Ceramic Sleeve

Specifications are subject to change without notice

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