

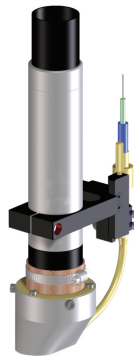
PLASMA WELDING TORCH



Machine Torch



**Machine Torch
With Wire Feed**



**Heavy Duty Torch
With Wire Feed**



Hand / Manual Torch

Our plasma welding 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. Because of wide ranging accessories this plasma torch is suitable for all standard as well as for most of specialized applications.

Features:

- Fully machined construction to precise standards.
- Copper nozzles available in the range of 2.5, 3, 4 & 5 mm.
- Plasma torches available in the range of 25, 50, 80, 100, 150, 200 & 400 Amps.
- Increased cooling capacity - Complete encapsulation of the torch's gas and water service tubes.
- Improved service life.
- Torch type - Hand torch & Machine torch.

Specifications:

- 150 Amps (DCSP) with 70° Degree head angle water cooled.
- Body 8 - 3 / 4" (222 mm) Long x 2 - 5 / 8" (67mm) High Head x 7 / 16" (22mm) Head Diameter
- 1 - 1 / 16" (27mm) Handle diameter
- 6,000 BTU / hr (1513 Kcal / hr)
- 1/3 gpm coolant flow @ 50 psi (1.25 ipm @ 3.7 kg / cm²)
- Torch cooling - Water cooled.
- Plasma gas - Argon.
- Shield gas - Argon, Argon / Hydrogen.

Consumables & Spares:

- Longer nozzle life - Efficient cooling allowing for preheats.
- The unique design promotes rapid heat dissipation contributing to maximum consumables life.



Nozzle



Tungsten Electrode



Ceramic Sleeve

Specifications subject to change for further improvement