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Welding Torch



Welding Torch; A welding torch is used in an automatic welding system to direct the welding electrode into the arc, to conduct welding power to the electrode, and to provide shielding of the arc area. There are many types of welding torches, and the choice depends on the welding process, the welding process variation, welding current, electrode size and shielding medium. We deals in two types of Welding such as Mig Welding Torches and TIG Welding Torches;

A. Mig Welding Torch; We deals with Gas Cooled HMP MIG Welding Torches available with all accessories. They have featured as disturbance-free performance, minimal stress on wrists, excellent gas shielding reduces porosity, a remote control for machine adjustments during the welding small and handy optimal reach, gas-cooled gun, neck can be turned 360° Durable protective hose material, Quick-connector, easy-to-remove gas nozzle, innovative tightening cone, efficient cooling mechanism for contact tip and gas nozzle.

Specifications	
Type	Gas cooled HMP MIG welding torch
Current Rating	400 Amp at 60% Duty cycle for Co2 & 340 Amp at 60% Duty cycle (At 40°0 C ambient and 10 min. cycle time) with Ar/Co2 mixture.
Length of Torch	3m, 4m, 4.5m
Torch Switch	Fully enclosed type spring leaf make & break for fail proof operation.
Filler Wire (mm)	0.8-1.6 (torch to be supplied fitted with 1.2 mm items)
Type of Cooling	Gas Cooled.
Cable Construction	Integrated type duly armored with ball joints at the neck & wire feeder end and protective, heat resistant outer covering for longer life.
Torch Adaptor	EURO Type with gold coated flexible pins for torch switch control cable.
Neck Type	The torch neck small and 360° swiveling to allow reach to narrow places without jeopardizing wire feed, current transfer and gas shield.
Conduit Tube for filler wire	The wire liner stiff with low-friction to prevent undulated bends in the filler. Thick wire spiral and coated to prevent oxidation. The construction of the liner not bend or stretch when mounting in the torch. The wire liner is plastic coated to prevent gas flow towards wire to feeder.
Standards	The Welding Torch CE marking indicating that the product Complies with the standards for health, safety and consumer protection applied to the product



List of consumable kit for gas cooled HMP MIG welding torch (optional);

1. Contact tip (08, 1.2 & 1.6 mm Dia).
2. Contact tip adaptor.
3. Nozzle.
4. Gas diffuser.
5. Wire liner for 1.2 mm dia Wire.
6. Switch assembly complete.
7. Set of 'o' ring/ insulator or any other items.
8. Control connecter male for EURO connector.

B. TIG Welding Torch; We also deals in TIG Welding Torches which is used for TIG welding process. It helps in heating the metals in order to melt them. In addition to this, the said product works with a shielding gas. The said equipment can also be used with filler metal and without it as well. TIG Torches are integrated with a gas valve, flexible head and a comfortable knurled handle in order to achieve good control as well as grip. It is available in different sizes, shapes and features. Our offered product can be easily used due to its compactness and lightness.

i). TIG Welding Torch (GC200); These are Air Cooled TIG Torch, have rated 220 amps at 60% duty cycle. This equipped with a gas valve and flexible head with comfortable knurled handle for a non-slip sure grip and precise control.

Specification	
Product Name	TIG Torch GC200
Rated Ampere	220 Amp DC
Air Cooled	60% Duty Cycle
TIG Electrode	1/8" (3.0mm)
Handle Type	Round



These TIG Welding Torches are available in different Lengths and Size, as mention below;

L- Length	Part No.	Type	Connection	Size
4 MTR.	GC200000104	Round Handle	Conductor Adaptor+ Ext. Assy.	G 3/8
4 MTR.	GC200001104	Round Handle+ Single Switch	Power Cable Adaptor -End	G 3/8
4 MTR.	GC200002104	Round Handle+ Double Switch	Power Cable Adaptor -End	G 3/8
8 MTR.	GC200000108	Round Handle	Conductor Adaptor + Ext. Assy.	G 3/8
8 MTR.	GC200001108	Round Handle + Single Switch	Power Cable Adaptor - End	G 3/8
8 MTR.	GC200002108	Round Handle + Double Switch	Power Cable Adaptor - End	G 3/8

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ii) TIG Welding Torch (GC300); These are also Air Cooled TIG Torches, have rated 300 amps at 60% duty cycle. This equipped with a gas valve and flexible head with comfortable knurled handle for a non-slip sure grip and precise control.

Specification	
Product Name	TIG Torch GC300
Rated Ampere	300 Amp DC
Air Cooled	60% Duty Cycle
TIG Electrode Max	4.0mm
Handle Type	Round



These TIG Welding Torches are available in different Lengths and Size, as mention below;

L- Length	Part No.	Type	Connection	Size
4 MTR.	GC300000104	Round Handle	Conductor Adaptor+ Ext. Assy.	G 3/8"
4 MTR.	GC300001104	Round Handle+ Single Switch	Power Cable Adaptor-End	G 3/8"
4 MTR.	GC300002104	Round Handle+ Double Switch	Power Cable Adaptor-End	G 3/8"
8 MTR.	GC300000108	Round Handle	Conductor Adaptor+Ext. Assy.	G 3/8"
8 MTR.	GC300001108	Round Handle + Single Switch	Power Cable Adaptor-End	G 3/8"
8 MTR.	GC300002108	Round Handle + Double Switch	Power Cable Adaptor-End	G 3/8"