

# Welding & Heating Blowpipe

## SAFFIRE 2HP Welding Blowpipe for medium duty Welding applications

Conform To : IS 7653-1975 & BSEN ISO 5172-1997

An ideal blowpipe for welding various metals in general workshop use and general heating purpose. It is supplied with tips suitable for welding mild steel in the range of 1.25 mm. to 8.5mm thickness.

The blowpipe is supplied complete with hose connections, spanner, operating data card and 6 nos. swaged tips-sizes : 2, 3, 6, 13, 20 and 30.

### Specifications

Capacity	Weld mild steel upto 8.5mm thickness
Approx. Weight	610 gms
Gas Valves	Stainless steel spindles, taper ended
Control Knob	Red for Acetylene, Blue for Oxygen
Tips	Swaged Copper



## SAFFIRE LWHP Welding Blowpipe for light duty welding applications

Conform To : IS 7653-1975 & BSEN ISO 5172-1997

ESAB Saffire Light Weight Welding Blowpipe has been developed for use in light sheet metal in garages and workshops. It is ideally suitable for repetitive work in production lines, where its handiness minimizes operator fatigue. Careful design of tips, mixer and shank gives trouble-free operation, high performance, economy and safety. The blowpipe is supplied with complete hose connection, operating data card and 4 nos. of swaged tips in sizes : 2, 3, 6 and 13.

### Specifications

Capacity	Weld mild steel upto 5 mm thickness.
Inlet	Oxygen 1/4" B.S.P. RH & Acetylene 1/4" B.S.P. LH
Weight Approx.	360 gms.
Length	23.5 cm (without tip)
Hose	5 mm bore hose (Blue-Oxygen & Red-Acetylene)



### Design / Construction

- **Tip** : Swaged copper for better performance, long life and weld area visibility.
- **Control** : Durable leak proof design with S.S. taper ended spindle valve for long maintenance free operation.
- **Mixer** : Specially designed to give freedom from backfires.

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## MODEL 'O' - Welding blowpipe for light duty welding applications

Conform To : IS 7653-1975 & BSEN ISO 5172-1997

ESAB Model "O" blowpipe is a finely balanced injector type blowpipe ideally suited for fine welding and brazing applications, including the fusion welding and brazing applications. It is used for fusion welding of thin sheet up to 1.5 mm. (e.g. Zinc or Aluminium). It is also suitable for delicate lead welding. Careful design of tips neck and injector gives trouble free operation, high performance, economy and safety. Model "O" welding blowpipe is ideal for production lines where its handiness minimizes operator fatigue. Model "O" blowpipe is available in different lengths for different types or operations.

### Specifications

Capacity	Thin sheet metal upto 1.5 mm
Inlet	Oxygen 1/4" B.S.P. RH & Acetylene 1/4" B.S.P. LH
Weight	250 gms
Length	20 cm (without tip)
Hose	5 mm bore hose (Blue-Oxygen & Red-Acetylene)



### Design / Construction

- **Injector**: The injector capability makes the blowpipe equally suitable for use with acetylene or hydrogen gas and hence can be used in electronics.

## HD Heating Welding Blowpipe for heavy duty Heating applications

Conform To : IS 7653-1975 & BSEN ISO 5172-1997

An injector type Oxy-Acetylene, ESAB H.D. Heating Blowpipe, is used for localized heating. It is particularly useful for large construction sites, pipe bending and other applications for general purpose heating.

The standard blowpipe is about 750mm long and supplied with nozzle size 30. A large nozzle size 33 can be supplied as optional extra.

The blowpipe is designed to be used with Oxygen and dissolved Acetylene, preferably drawn from suitable manifold cylinders.

### Specifications

Metal thickness	Head size	Oxygen pressure (PSI)
Over 1 1/2 inch	30	75-80
Over 1 1/2 inch	33	100-110

### Inlet Connections

3/8" BSP RH for Oxygen & 3/8" BSP LH Acetylene

