



ESAB Cutting Blowpipes are well-balanced with rugged design and offer both Injector and Nozzle Mix design hand cutting torches. The forged brass construction of body and angle head ensure high strength and long life. Its precise valve design ensures smooth gas flow and fine gas control. The specially designed nozzles ensure non-turbulent efficient gas flow to provide smooth clean cuts with minimal kerf loss and long life. The strict quality assurance protocols enforces the highest level of priority on Safety and all products are BIS certified.

Model	Gas Service	Mixing Type	Cutting Capacity (mm)	Suitable Head Angle	Suitable length (mm)	Outlet Connection
CUTOGEN 5 Cutting Torch	Oxygen and Fuel (Acetylene/Propane)	Injector Mix	300	90°/180°	450/600/900/1200/1500/1800	3/8 BSP RH & LH M
NM Cutting Torch	Oxygen and Fuel (Acetylene/Propane)	Nozzle Mix	300	90°/75°	450/600	3/8 BSP RH & LH M

Metal Thickness (mm)	Injector Mix		Nozzle Mix	
	Oxy-Acetylene (Single Part & 2 Seat)	Oxy-LPG (Two Part & 2 Seat)	Oxy-Acetylene (Single Part & 3 Seat)	Oxy-LPG (Two Part & 3 Seat)
6	A-8 (1/32")	COOLEX 8 (1/32")	ANM-8 (1/32")	PNM-8 (1/32")
13	A-12 (3/64")	COOLEX 12 (3/64")	ANM-12 (3/64")	PNM-12 (3/64")
25 -100	A-16 (1/16")	COOLEX 16 (1/16")	ANM-16 (1/16")	PNM-16 (1/16")
150	A-20 (5/64")	COOLEX 20 (5/64")	ANM-20 (5/64")	PNM-20 (5/64")
200	A-24 (3/32")	LPG P 24 (3/32")	ANM-24 (3/32")	PNM-24 (3/32")
300	A-32 (1/8")	LPG P 32 (1/8")	ANM-32 (1/8")	PNM-32 (1/8")



Saffire 2 HP



Saffire LWHP



WH443 Torch Handle



ESAB Welding Blowpipes are designed with forged brass body and stainless steel valves to ensure fine gas control and safety. It is best suited for various metal joining applications in general workshop and is offered with a range of suitable welding tips. The welding blowpipes are BIS certified and meet the highest safety standards. ESAB Heating Torch is ergonomically designed for improved grip with non-slip handle for flexibility and operator comfort. The torch is made with high strength alloys for durability.

Model	Gas Service	Mixing Type	Welding Capacity (mm)	Inlet Connection
SAFFIRE 2 HP	Oxygen and Acetylene	Mixer	0.9 to 25	3/8 BSP RH & LH M
SAFFIRE LWHP	Oxygen and Acetylene	Mixer	1.2 to 8.0	1/4 BSP RH & LH M

Model	Gas Service	Inlet Connection
WH443 Torch Handle	Oxygen, All Fuel Gases	3/8 BSP
Welding Mixer HD	Acetylene	-
Acetylene Heating Neck	Acetylene	-
Propene Mixer	Propane	-
Propene Heating Neck	Propane	-

Metal Thickness (mm)	TIP SIZE Saffire 2 HP	TIP SIZE Saffire LWHP
0.9	1	-
1.2	2	2
2	3	3
3	6	6
3.2	7	-
4	10	10
5	13	13
6.5	-	18
8	20	25
8.5	30	-
10	35	-
13	45	-
16	55	-
20	70	-
25	90	-

Tip Size	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Heat Output (BTU/Hr.)
AHT 25	0.4	0.35	57,000
AHT 50	0.4	0.43	91,000
AHT 100	0.7	0.49	139,000

Tip Size	Oxygen Pressure (Bar)	Propane Pressure (Bar)	Heat Output (BTU/Hr.)
1 H	0.7-2.1	0.14-0.49	72,000-163,000
2 H	1.1-2.5	0.21-0.56	102,000-188,000
3 H	1.8-5.0	0.28-1.1	183,000-361,000
4 H	2.5-5.7	0.35-1.3	236,000-406,000
5 H	3.5-8.7	0.85-2.1	281,000-618,000