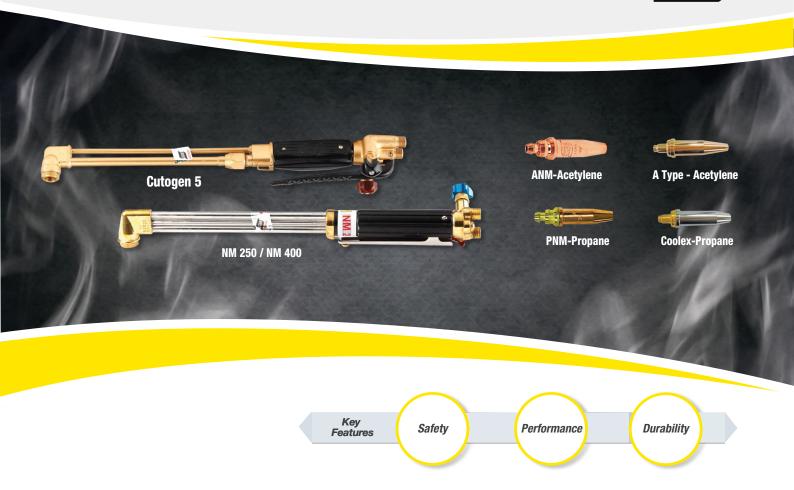
## **Cutting Blowpipes & Wears**





ESAB Cutting Blowpipes are well-balanced with rugged design and offer both Injector and Nozzle Mix design hand cutting torches.

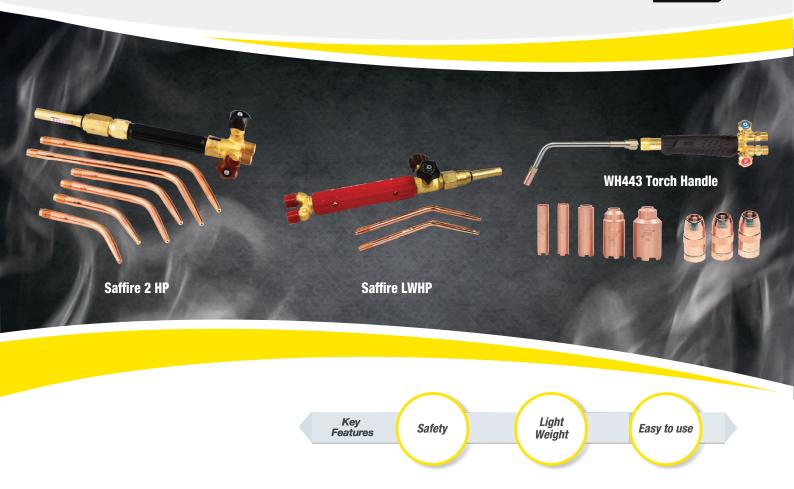
The forged brass construction of body and angle head ensure high strength and long life. Its precise valve design ensures smooth gas flow and fine gas control. The specially designed nozzles ensure non-turbulent efficient gas flow to provide smooth clean cuts with minimal kerf loss and long life. The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

| Model                   | Gas Service                         | Mixing Type  | Cutting<br>Capacity<br>(mm) | Suitable<br>Head Angle | Suitable length<br>(mm)    | Outlet<br>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    |

|                         | Inject                                  | Injector Mix                   |   | Mix                            |
|-------------------------|---|--------------------------------|---|--------------------------------|
| Metal Thickness<br>(mm) | Oxy-Acetylene<br>(Single Part & 2 Seat) | Oxy-LPG<br>(Two Part & 2 Seat) | Oxy-Acetylene<br>(Single Part & 3 Seat) | Oxy-LPG<br>(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'')                 |

## Welding and Heating Blowpipes & Wears





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<br>Type | Welding<br>Capacity (r |                   |
|--------------|----------------------|----------------|------------------------|-------------------|
| 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 |

| Metal Thickness<br>(mm) | TIP SIZE<br>Saffire 2 HP | TIP SIZE<br>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                       | -                        |
|                         |                          |                          |

| Model                  | Gas Service            | Inlet<br>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                | -                   |

| Tip Size | Oxygen<br>Pressure (Bar) | Acetylene<br>Pressure (Bar) | Heat Output<br>(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<br>Pressure (Bar) | Propane<br>Pressure (Bar) | Heat Output<br>(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                  | 183,000-361,00           |
| 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          |