

**DELTA  
FIRE**



# ATTACK 500 **SBC** PRO FIRE NOZZLE

*Multiple Functions – Limitless Possibilities*

## KEY USERS

- Fire & Rescue Services
- Defence Sectors
- Oil & Gas
- Marine
- Major Industrials
- Aviation
- Waste & Recycling
- Mining
- Nuclear

## KEY FACTS

- Multiple Use Versatility
- Interchangeable Attachments
- Water and Foam Compatible
- Manufactured in the UK
- ISO9001 Quality Controlled
- Complies with EN15182
- Stainless Steel Spinning Teeth
- Stainless Steel Ball Valve
- Laser-Etched Permanent markings
- 10 Year Manufacturer's Warranty



**Attack 500 SBC Pro Series**

Doc Ref: DDS007

## DELTA FIRE

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## GENERAL DESCRIPTION

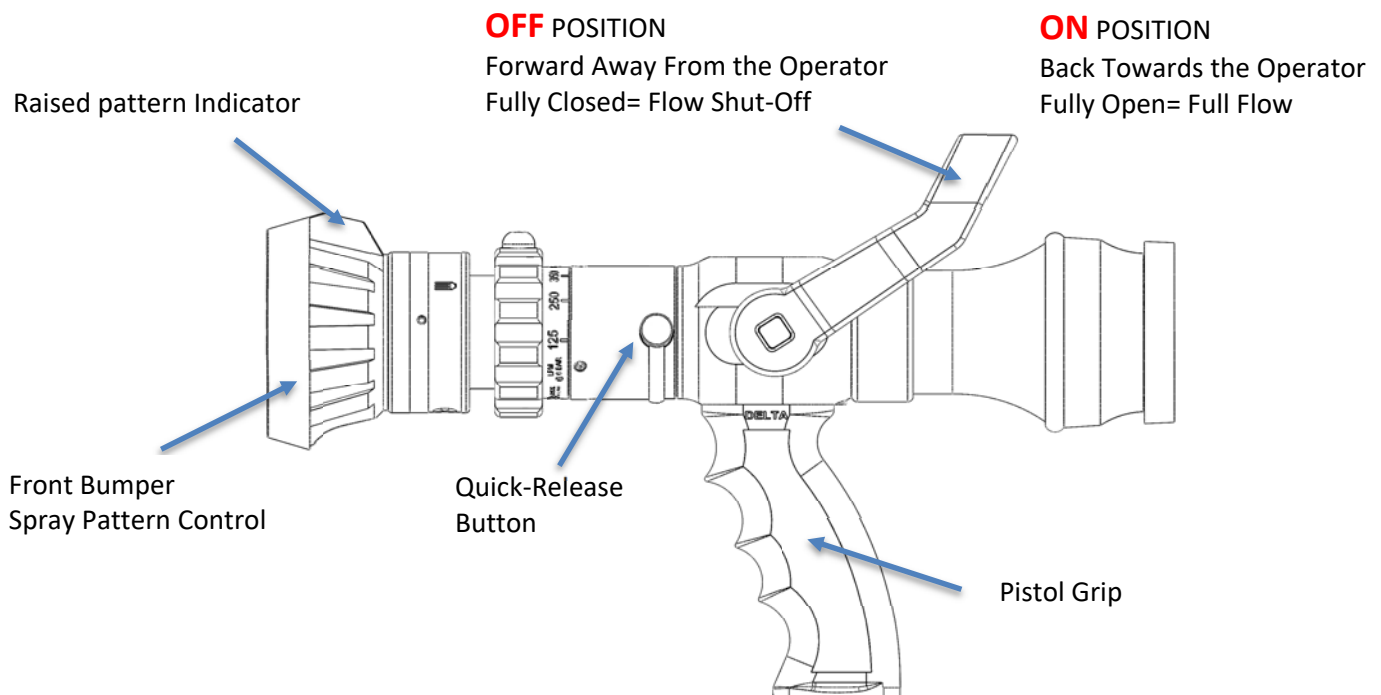
The **Attack 500 SBC Pro** is arguably Delta's most versatile nozzle to date offering a broad selection of interchangeable attachments to suit any fire risk scenario.

The Attack 500 SBC Pro represents the very latest in professional front-line firefighting nozzles combining **Jet, Spray, Mist, Fog and Foam Functionality** via an innovative quick-release connector port.

Stainless steel spinning turbine teeth produce dense spray/fog patterns with ultra small water droplets enhancing firefighting capabilities and significantly improving firefighter safety. 15mm and 19mm Jet Tips allow for effective long-range external firefighting including a big-bore 24mm jet tip which allows large debris to pass through the nozzle with ease negating the need to detach hose lines during operational use.

Two interchangeable stainless steel Fog Lances provide the ability for operators to rapidly reduce compartment temperatures 'pre-entry' creating more manageable and far safer operational environments. For low or medium expansion foam applications two easily attachable foam tubes are available with compatibility to all foam types including fluorine free foams.

With a range of flow and colour options the Attack 500 SBC Pro can be supplied for use with all international fittings for compatibility with existing equipment.



The Attack Pro Series range of fire nozzles has been the culmination of an extensive design and innovation process conducted in close collaboration with UK Fire & Rescue Services to ensure modern-day firefighting requirements are both met and exceeded at all times. Exhaustive trials and evaluations have been conducted over an extended timeframe in live fire scenarios culminating in a range of nozzles offering superior performance and exceptional durability in even the harshest of environments. Precision engineered componentry and the use of high quality materials provides the very best in reliability and enhanced firefighter safety.

The Delta Attack 500 SBC Pro is also the most compact and lightest nozzle in its class making it easy to store in Appliance lockers and operationally easy to use. The ergonomically designed pistol grip and control handle are suited for use with firefighting gloves conforming to both the BSEN 659:2003+A1:2008 and BSEN 388:2003 Standards. The Attack 500 SBC Pro is manufactured in compliance to the BSEN 15182 Standard.



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## DESIGN FEATURES



### SBC Connector Port

Delta's innovative SBC connector port allows for a variety of different fittings to be interchanged both quickly and safely. A simple 'press-button' function and short rotation will release the fitting with ease to allow an alternative fitting to take its place, locking it securely into position providing the operator with true multi-functional capabilities from just one nozzle. Fitted with 316 stainless steel ball valve and ergonomic valve control handle.



**SBC Jet/Spray Head** - providing jet, narrow-angle spray, wide-angle spray and flush capabilities, the SBC jet/spray head is fitted with stainless steel spinning turbine teeth to create ultra small water droplets for enhanced gas cooling. Tactile raised indicators on the pattern and flow selectors allow for ease of use when in smoke-impaired or low-light conditions. Selectable and constant flow options available to suit customer specific requirements. The Attack SBC Pro can be supplied in a range of colourways.



**SBC Smooth Bore Jet Tips** – interchangeable 15mm, 19mm and 24mm Jet tips allow the operator to quickly swap between sizes according to the flow and throw distance required. Manufactured from high quality machining-grade aluminium and hard black anodised for maximum protection our Smooth Bore Jet Tips are precision engineered for enhanced performance.



**SBC Fog Lance** – Our lances are designed to rapidly reduce compartment temperature 'pre-entry'. These stainless steel lances will easily pierce through common building materials such as plasterboard, paneled doors, loft hatches, corrugated metals or thatch and by using a drill can be used through brick, block, timber and steel. Using only 70 lpm most of the water evaporates during use minimising water damage.



**SBC LX Foam Tube** – Suitable for use with all foam types (including fluorine-free) the SBC LX Foam Tube will produce high quality, fully aspirated low-expansion foam ideal for fast fire knock-down or rapid cooling of structures, storage tanks or equipment. Ultra-light and easy to fit, the tube first aerates and then accelerates the foam providing long throw distances and maximum protection.



**SBC MX Foam Tube** – Boasting all the features of the LX foam tube, the MX version is designed to produce high quality medium expansion foam ideally suited to blanketing flammable liquid spills to prevent fire spread or for treating potential spill areas pre-event. Both the SBC LX and MX foam tubes are suitable for use with all foam types including fluorine free foams.



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## ***THE RANGE – Attack 500 SBC Pro with Jet/Spray Head***

| Product Code                        | NS2S60402                              | NS2S60302                              | NS2S60304                              | NS2C61102<br>NS2C61302<br>NS2C61402    |
|-------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Model                               | 6 Bar EN15182<br>Low Pressure          | 6 Bar EN15182<br>Low Pressure          | 6 Bar EN15182<br>Low Pressure          | 6 Bar EN15182<br>Low Pressure          |
| Main Body / Barrel                  | Hard Anodised<br>Aluminium             | Hard Anodised<br>Aluminium             | Hard Anodised<br>Aluminium             | Hard Anodised<br>Aluminium             |
| Spinning Teeth                      | Stainless Steel                        | Stainless Steel                        | Stainless Steel                        | Stainless Steel                        |
| Profiled Ball Valve                 | Stainless Steel                        | Stainless Steel                        | Stainless Steel                        | Stainless Steel                        |
| Weight                              | 1.7 KG                                 | 1.7 KG                                 | 1.7 KG                                 | 1.7 KG                                 |
| Inlet Type                          | 1 ½" BSP Female                        | 1 ½" BSP Female                        | 2½" Instantaneous                      | 1 ½" BSP Female                        |
| Flow Range<br>litres/min<br>@6 bar  | Select Flow<br>115-230-360-475         | Select Flow<br>100-250-350-500         | Select Flow<br>70-130-230-400          | Constant Flow<br>360 or 450 or 500     |
| Flow Range<br>USG/min @ 6 bar       | Select Flow<br>30-61-95-125            | Select Flow<br>26-66-92-132            | Select Flow<br>18-34-60-105            | Constant Flow<br>95 or 119 or 132      |
| Maximum Use<br>Pressure             | 16 Bar<br>Factory Tested to 22½<br>Bar | 16 Bar<br>Factory Tested to<br>22½ Bar | 16 Bar<br>Factory Tested to<br>22½ Bar | 16 Bar<br>Factory Tested to<br>22½ Bar |
| Maximum Advised<br>Working Pressure | Maximum<br>12 Bar                      | Maximum<br>12 Bar                      | Maximum<br>12 Bar                      | Maximum<br>12 Bar                      |
| Recommended<br>Inlet Pressure       | 3 – 8 Bar                              | 3 – 8 Bar                              | 3 – 8 Bar                              | 3 – 8 Bar                              |
| Minimum<br>Operational<br>Pressure  | 3 Bar*                                 | 3 Bar*                                 | 3 Bar*                                 | 3 Bar*                                 |

## ***OPTIONAL INTERCHANGEABLE ATTACHMENTS***

| Description                         | Product<br>Code | Material                      | Weight     |
|-------------------------------------|-----------------|-------------------------------|------------|
| 15mm SBC Smooth Bore Jet Tip        | XNSB50015       | Hard black anodised aluminium | 120 grams  |
| 19mm SBC Smooth Bore Jet Tip        | XNSB50019       | Hard black anodised aluminium | 300 grams  |
| 24mm SBC Smooth Bore Jet Tip        | XNSB50024       | Hard black anodised aluminium | 280 grams  |
| SBC Fog Lance (35° Narrow Mist)     | XNSB52491       | 316 Stainless Steel           | 780 grams  |
| SBC Fog Lance (180° Wide Mist)      | XNSB52490       | 316 Stainless Steel           | 760 grams  |
| SBC LX Foam Tube (Low Expansion)    | NFTSB5100       | Hard black anodised aluminium | 512 grams  |
| SBC MX Foam Tube (Medium Expansion) | NFTSB5110       | Hard black anodised aluminium | 1654 grams |



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