

**DELTA
FIRE**



ATTACK 500 FIRE NOZZLE

NFPA 7 BAR MODEL

KEY USERS

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

KEY FACTS

- Manufactured in the UK
- ISO9001 Quality Controlled
- Manufactured to NFPA 7 Bar
- Multi-Purpose Low Pressure Nozzle
- Stainless Steel Spinning Teeth
- Stainless Steel Profiled Ball Valve
- 10 Year Manufacturer's Warranty



Attack 500 Nozzle

Doc Ref: DDS009

DELTA FIRE

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GENERAL DESCRIPTION

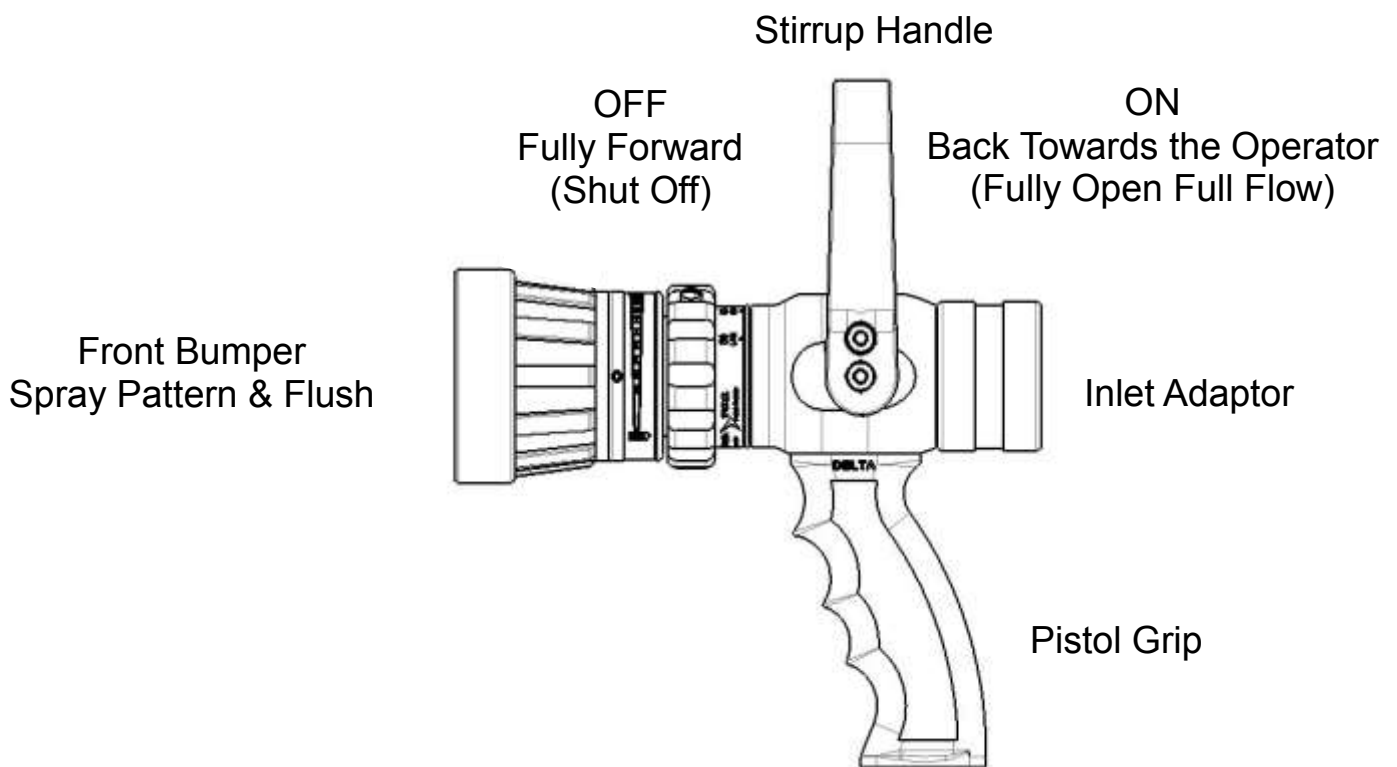
The Attack 500 is arguably one of Delta's most popular fire nozzles providing the user with the very best in performance and versatility. Supplied to Industry professionals around the world for more than 20 years the Attack 500 is a firm favourite with Fire Services, Marine users and Oil & Gas Sectors where powerful water jets and protective fog patterns are the main requisite.

Manufactured in the UK the Attack 500 retains an ultra-low weight of only 1.8 Kg without compromise to performance or durability and is constructed from quality, precision engineered materials that will guarantee the user many years of trouble free service with minimal maintenance.

Boasting all the key features expected from a Delta nozzle, the Attack 500 incorporates stainless steel spinning turbine teeth creating dense fog patterns for enhanced firefighter heat and flashover protection.

The computer designed waterway maximizes hydraulic efficiencies providing the user with smooth operation and total control over flow and spray patterns. The stainless steel ball valve minimizes 'jet reaction' when using 'pulsing' techniques in compartment fires.

Designed for use with low pressure mainline hoses the Attack 500 is available in a range of flow options and colourways and is an excellent multi-purpose nozzle suited for use across a wide range of firefighting scenarios.



With a proven 20 year track record and enviable reputation in the Industry the Attack 500 is the perfect choice for general purpose firefighting providing exceptional long-term value for money. Low cost spare parts are readily available on a 'next-day' basis and full technical support is provided on request.

The Attack 500 is manufactured to NFPA 7 bar.

The Delta Attack 500 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.



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DESIGN FEATURES

The Delta Attack 500 nozzle boasts special features designed to maximise performance and ensure the highest possible level of safety for the operator. More than 25 years of ongoing research and development has culminated in a state-of-the-art multi-purpose nozzle highly regarded by industry professionals globally.



Spinning Teeth

Computer designed stainless steel spinning turbine teeth chop the water up into finely divided, small diameter water droplets producing extremely dense fog patterns enhancing firefighting capabilities and significantly improving firefighter safety. Impervious to damage, even when dropped onto a hard surface, the stainless steel teeth provide considerable advantages over the more commonly used plastic teeth.



Profiled Ball Valve

Using a specially profiled stainless steel ball valve designed to minimise 'jet-reaction', the Attack 500 is ideal for 'pulsing' techniques when combatting flash-over risks in compartment fire scenarios. Unlike plastic ball valves as used by most manufacturers the stainless steel Delta valve ensures long-term durability and enhanced performance.



Ergonomic Design

The Attack 500 is a lightweight, extremely durable nozzle designed to be highly maneuverable and versatile in all manner of fire fighting scenarios. Manufactured from high quality hard anodised Aluminium the Attack 500 is flow engineered to provide the very best in performance and enhanced fire fighter safety.

The Delta Attack range is the culmination of state-of-the-art design and computer aided 3D flow engineering.

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THE RANGE

The Attack 500 is available in a range of selectable or constant flow options to suit every firefighting scenario using low pressure hose lines. Supplied with BSP (British) or NH (American) threads to allow the user to fit any international inlet adaptors the Attack 500 comes as standard with black decals and red bumper. A range of alternative colourways are available on request.



Product Code	NF2S70102	NF2S70202	NF2C70302 (402/502/602)
Model	7 Bar NFPA Low Pressure	7 Bar NFPA Low Pressure	7 Bar NFPA Low Pressure
Main Body / Barrel	Hard Anodised Aluminium	Hard Anodised Aluminium	Hard Anodised Aluminium
Spinning Teeth	Stainless Steel	Stainless Steel	Stainless Steel
Profiled Ball Valve	Stainless Steel	Stainless Steel	Stainless Steel
Front Bumper	Shockproof Polyurethane	Shockproof Polyurethane	Shockproof Polyurethane
Weight	1.8 KG	1.8 KG	1.8 KG
Inlet Type	1 ½" BSP Female	1 ½" BSP Female	1 ½" BSP Female
Flow Range Litres/min @7 bar	Select Flow 115-230-360-475	Select Flow 125-250-375-500	Constant Flow 125 or 250 or 375 or 500
Flow Range USG/min @ 7 bar	Select Flow 30-60-95-125	Select Flow 33-66-99-132	Constant Flow 33 or 66 or 99 or 132
Maximum Use Pressure	16 Bar	16 Bar	16 Bar
Maximum Advised Working Pressure	Maximum 12 Bar	Maximum 12 Bar	Maximum 12 Bar
Recommended Inlet Pressure	3 – 8 Bar	3 – 8 Bar	3 – 8 Bar
Minimum Operational Pressure	3 Bar*	3 Bar*	3 Bar*

Alternative Flow Options are Available upon Request / Optional NH (American) Threaded inlet

**Recommended Only – Nozzle will function down to 1 Bar*



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