



THE EVOLUTION OF A LEGEND.

TURB**O****EVO** **SPRITZE**



A Trusted IDEX Fire & Safety Brand



***VISION.
ERGONOMICS.
PERFORMANCE.***




OUR VISION IS TO BUILD THE BEST JET PIPE. 20 YEARS AFTER THE INTRODUCTION OF THE AWG TURBO-SPRITZE, WE ARE ABOUT TO TAKE THE HOLLOW JET PIPE TO A NEW LEVEL OF DEVELOPMENT.

THE AWG TURBO-SPRITZE EVO COMBINES OUR JOINT APPLICATION EXPERIENCES OF MORE THAN 20 YEARS WITH THE LATEST ERGONOMIC RESEARCH AND HIGH-QUALITY MATERIALS TO CREATE THE ULTIMATE HOLLOW JET PIPE FOR FIREFIGHTING. **WITH THE AWG TURBO-SPRITZE EVO, WE ARE REDEFINING THE STANDARD FOR HOLLOW JET PIPES.**

THE BEST TURBO-SPRITZE WE HAVE EVER BUILT.

TURBOEVO
SPRITZE



THE AWG TURBO NOZZLE EVO SETS NEW STANDARDS IN ERGONOMICS. **THE NEW DESIGN OF THE CONTROL ELEMENTS** ENSURES EXCELLENT HANDLING, PARTICULARLY WHEN TACKLING INTERIOR FIRES **PROTECTIVE RING, FLOW ADJUSTING RING, OPERATING LEVER, HANDLE.**

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DISTINCTIVE DESIGN. OUTSTANDING ERGONOMICS.

The new design was developed with extensive user feedback and evaluated and optimised with male and female, small and large hands.

The result is a highly improved grip even in wet conditions, a distinct feel thanks to larger pointers and pre-shaped recessed grips on the guard ring, better visibility of settings and secure handling across all sizes.



From firefighters for firefighters

“For us, the focus was on further optimising the product ergonomically for use in the most difficult conditions, as well as creating a further-oriented design for the AWG brand that embodies maximum performance and agility.”

Tobias Neuber
Head of Industrial Design Team
BUSSE Design+Engineering

Florian Lipp
Industrial Designer

***“One size fits all”
The size, operation
and feel of the handle
and lever are now
identical for all EVO
models!***



Like the AWG Turbo-Spritze that have been established for years as standard equipment for firefighting vehicles, the new AWG Turbo-Spritze EVO can be operated immediately and comprehensively intuitively and practically without any training effort or getting used to the new equipment. Even in the worst conditions such as wet gloves, cold and absolute zero visibility. At the same time, the outstanding look & feel does not come at the expense of the enormous performance of the AWG Turbo-Spritze EVO.

- Clear tactile properties
- Significantly improved grip in wet conditions
- Enhanced visibility of the settings
- Optimal for all hand sizes
- Operating lever and handle identical across all dimensions
- Safe and secure handling across all dimensions
- Can be operated immediately, no familiarisation required
- Minimal training required for inexperienced users

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YOU CAN LITERALLY GRASP THE ADVANTAGES IN YOUR HANDS!



NEW OPERATING LEVER DESIGN GUARANTEES SAFE OPERATION FOR ALL HAND SIZES WITH UNIFORM SIZE ACROSS ALL ASSEMBLIES.



CAN BE ROTATED 360° EVEN UNDER PRESSURE ROTATING JET PIPE INLET MADE OF ANODISED ALUMINIUM.



COLOUR CODING FOR FLOW RATES FACILITATES THE LIGHTNING-FAST SELECTION OF THE CORRECT JET PIPE.



THE RECENTLY DEVELOPED HANDLE MADE OF UNBREAKABLE AND HIGH-STRENGTH POLYPROPYLEN OFFERS PERFECT GRIP AND SAFE HANDLING UNDER PRACTICAL CONDITIONS – FOR ALL HAND SIZES!



SIGNIFICANTLY IMPROVED OPERATION IN ZERO VISIBILITY WITH TWO SIGNIFICANTLY LARGER POINTERS.



OPTIMISED FLOW RATE SETTING WITH A SUBSTANTIALLY IMPROVED GRIP, EVEN IN THE WORST CONDITIONS.



DIRT PARTICLES CAN BE EASILY FLUSHED OUT WITH THE FLUSH SETTING.

THE VALVE DISC REGULATES THE FLOW.



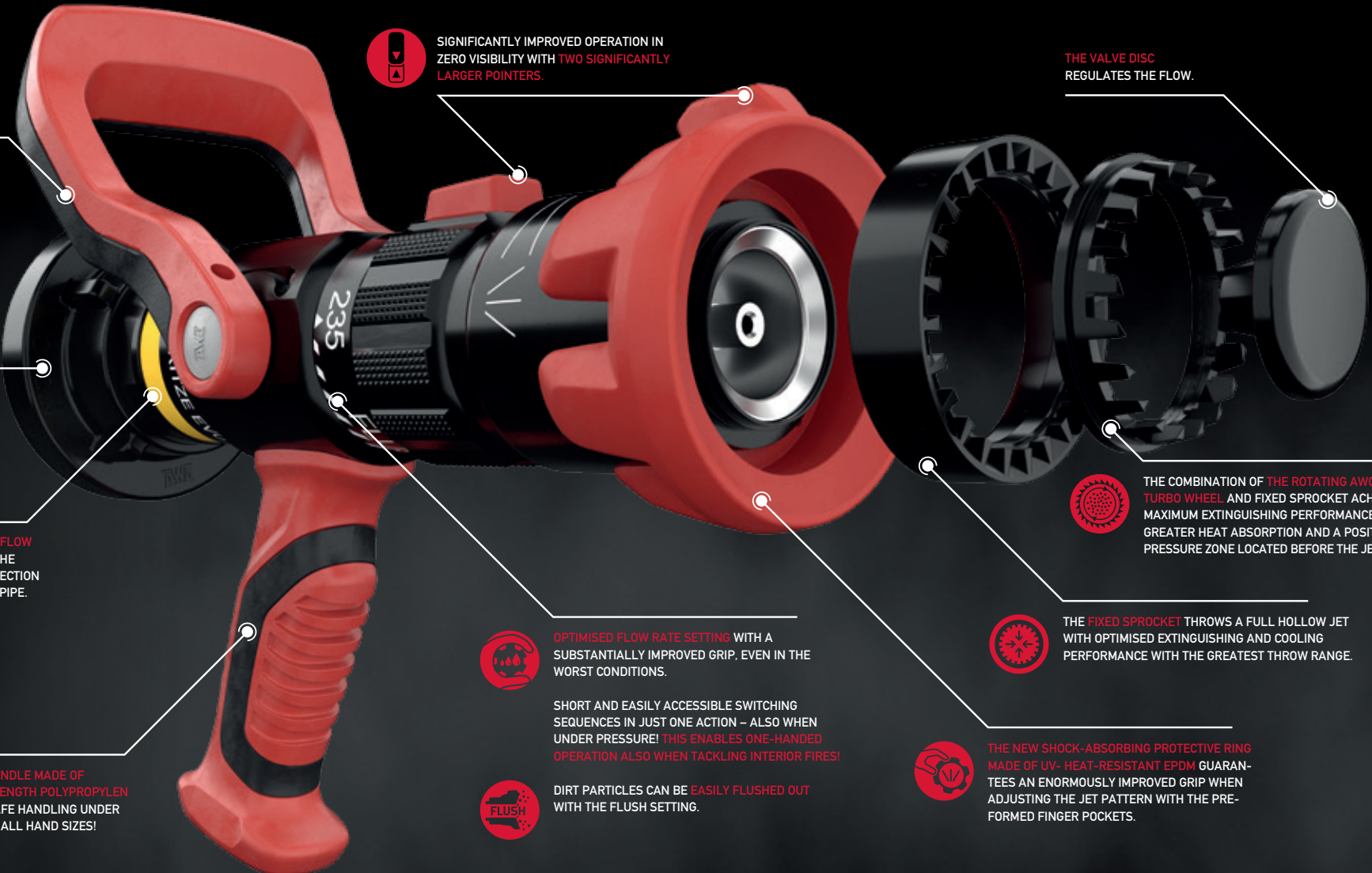
THE COMBINATION OF THE ROTATING AWG TURBO WHEEL AND FIXED SPROCKET ACHIEVES MAXIMUM EXTINGUISHING PERFORMANCE WITH GREATER HEAT ABSORPTION AND A POSITIVE PRESSURE ZONE LOCATED BEFORE THE JET PIPE.



THE FIXED SPROCKET THROWS A FULL HOLLOW JET WITH OPTIMISED EXTINGUISHING AND COOLING PERFORMANCE WITH THE GREATEST THROW RANGE.



THE NEW SHOCK-ABSORBING PROTECTIVE RING MADE OF UV- HEAT-RESISTANT EPDM GUARANTEES AN ENORMOUSLY IMPROVED GRIP WHEN ADJUSTING THE JET PATTERN WITH THE PRE-FORMED FINGER POCKETS.





From firefighters for firefighters

“During the development of the Turbo-Spritze EVO, operational experience from more than 20 years was combined with the latest ergonomic findings into the outstanding hollow jet nozzle for firefighting.”

Markus Söll, AWG product manager and active firefighter

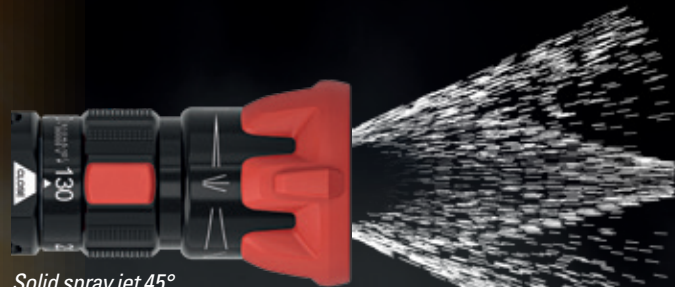
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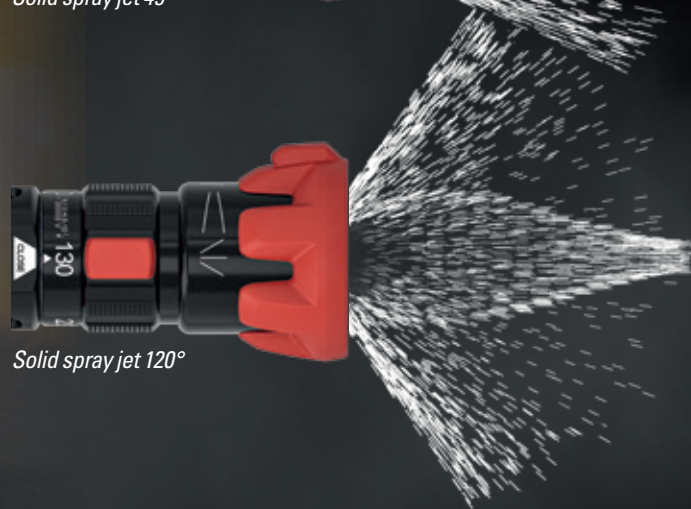
UNIQUE PERFORMANCE.



Full jet



Solid spray jet 45°



Solid spray jet 120°

An outstanding feature of the jet pipes is the jet pipe head that has been specifically developed for every model of the AWG turbo nozzles EVO, with the combination of the turbo wheel and the fixed sprocket – and therefore the performance of the jet spray.

Various reflectors form the filled full cone spray jet that can only be realised with the AWG Turbo-Spritze range and guarantee perfect jet quality, maximum extinguishing effect with high throwing distance and the highly effective AWG spray pattern with positive pressure zone in front of the nozzle.

- Model-specific optimised jet pipe heads
- Full cone spray due to the combination of AWG turbo wheel and fixed sprocket
- Perfect jet quality
- Maximum extinguishing performance
- Positive pressure zone located before the turbo nozzle
- Rinsing position for effective cleaning
- Replaceable turbo wheel and sprocket



TURBOEVO
SPRITZE

DESIGNED FOR A FIREFIGHTERS LIFE.



The heart of the Turbo-Spritze EVO, the housing and the water-carrying parts are made of high-quality aluminium alloys, which are anodised for even better protection against mechanical stress as well as weathering and corrosion.

The optimised design of the ball valve impresses with less friction loss and thus easier opening and closing. The precision shut-off ball of the valve is also made of a durable, anodised aluminium alloy – not plastic! – and is wear-free. Large diameters prevent clogging by dirt particles.

The high-quality material mix makes the AWG Turbo-Spritze EVO lighter than its predecessor while maintaining the same stability.

- **High-quality anodised aluminium alloy housing**
- **Handle and operating lever made of unbreakable and high-strength PP**
- **Shock-absorbing protective ring made of UV-heat-resistant EPDM**
- **Substantially lighter than the previous model**
- **Replaceable turbo wheel and sprocket**

- **Optimised ball valve made of durable, anodised aluminium – not plastic!**
- **Less friction loss**
- **Easier opening and closing**
- **Large diameters prevent clogging**

The AWG Turbo-Spritze EVO is excellently protected for rough fire fighter use, particularly durable and maintenance-free.



From firefighters for firefighters

“Initially, I was very sceptical about the changed shape. But after I was able to test the Turbo-Spritze EVO while extinguishing – among other things in a fire container – I was thrilled. Because you noticed all the ergonomic advantages of the new Turbo-Spritze EVO right away.”

Jana B., firefighter in Germany

Practical tip!

Flow rate and spray pattern can be adjusted simultaneously with just one movement by moving the control lever around the longitudinal axis like a joystick. This is an invaluable advantage, especially for indoor use!

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SPRITZE

➤ **MADE FOR YOUR HANDS.**



TURBO*EVO* **130**
SPRITZE

TURBO*EVO* **235**
SPRITZE



The colour coding of the flow rates with clip on the rotatable for 360° inlet coupling, makes it possible to select the right nozzle in the vehicle at a glance. The colour code is based on the colour coding of the foam fittings. This means that the perfect combination of inductor and Turbo-Spritze EVO for foam attack can be selected at once.

- Light and compact
- Optimal for use with rapid intervention equipment with dimensionally stable pressure hose
- Inlet Storz 52 (C)
- 40 / 80 / 130 l/min at 6 bar
- DIN 15182-3
- Clip RAL 9006

- Universal
- Efficient firefighting when tackling interior fires
- Optimal for smoke and room cooling
- Inlet Storz 52 (C)
- Turbo wheel
- 60 / 130 / 235 l/min at 6 bar
- DIN 15182-3
- Clip RAL 1018

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TURBOEVO 400 SPRITZE

- Universal
- Efficient firefighting when tackling interior fires
- Optimal for smoke and room cooling
- Inlet Storz 52 (C)
Inlet Storz 75 (B)
- Turbo wheel
- 130 / 235 / 400 l/min at 6 bar
- DIN 15182-3
- Clip RAL 3000



TURBOEVO 750 SPRITZE

- Designed for tackling or containing exterior fires
- High flow rates
360 / 550 / 750 l/min at 6 bar
- Inlet Storz 75 (B)
- DIN 15182-3
- Clip RAL 5017



TURBOEVO 950 SPRITZE

- Designed for tackling or containing exterior fires
- High flow rates
550 / 750 / 950 l/min bei 6 bar
- Eingang Storz 75 (B)
- DIN 15182-3
- Clip RAL 6024



TURBOEVO SPRITZE





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With the AWG turbo nozzle EVO, we are creating the product that will remain the standard equipment for volunteer fire brigades, professional fire brigades and plant fire brigades in the German-speaking countries for the next 20 years.

Come with us on this journey.

TURBO EVO
SPRITZE



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