

ENGLISH



# TURBOEVO

## 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 ENSURES OUTSTANDING HANDLING ESPECIALLY DURING INDOOR ATTACKS - IS ENSURED BY THE NEW DESIGN OF THE OPERATING ELEMENTS:

- Protective ring
- Flow adjusting ring
- Operating lever
- Handle



# ***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







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**



# 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.

SHORT AND EASILY ACCESSIBLE SWITCHING SEQUENCES IN JUST ONE ACTION – ALSO WHEN UNDER PRESSURE! **THIS ENABLES ONE-HANDED OPERATION ALSO WHEN TACKLING INTERIOR FIRES!**



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

THE **VALVE DISC** REGULATES THE FLOW.



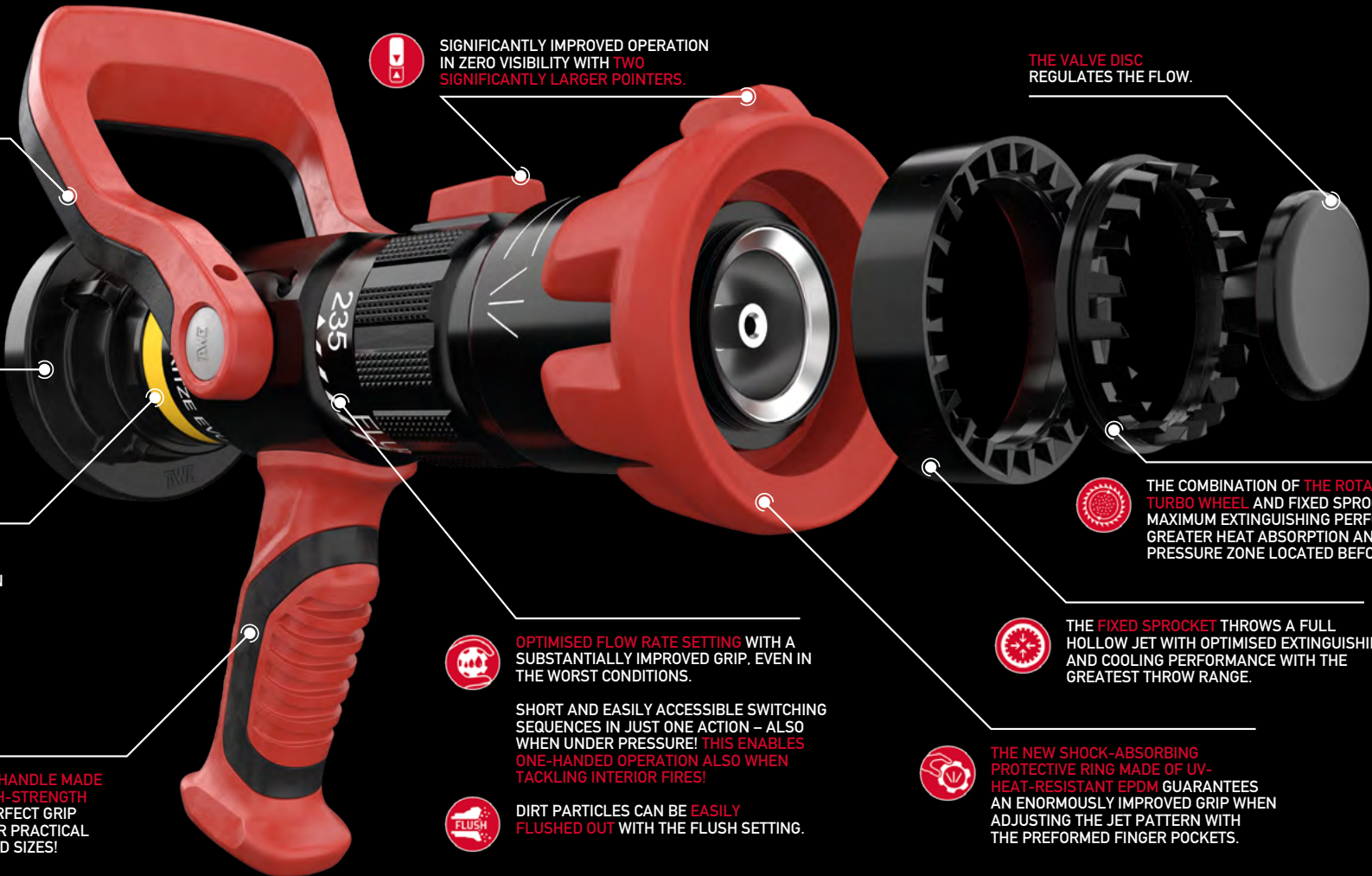
THE COMBINATION OF THE **ROTATING AWG TURBO WHEEL** AND **FIXED SPROCKET** ACHIEVES MAXIMUM EXTINGUISHING PERFORMANCE WITH GREATER HEAT ABSORPTION AND A POSITIVE PRESSURE ZONE LOCATED BEFORE THE JET PIPE.



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 PREFORMED FINGER POCKETS.





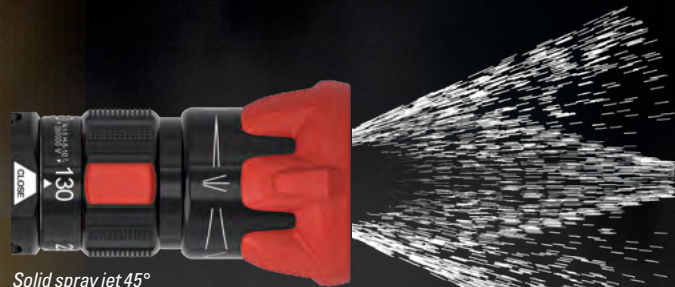




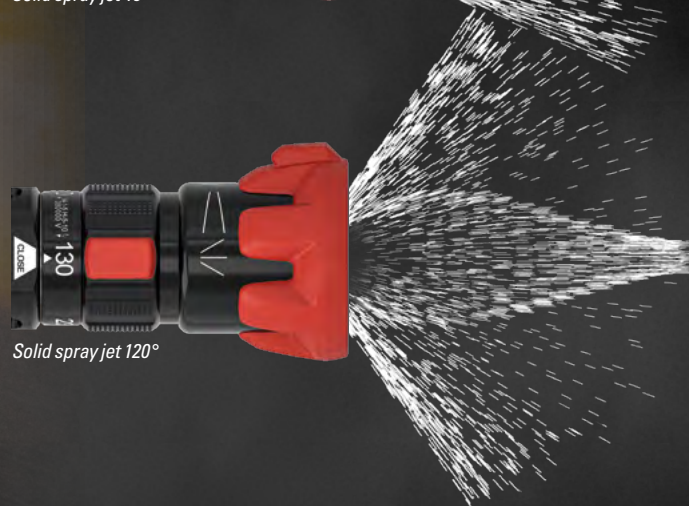
# UNIQUE PERFORMANCE.



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





# 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.

- High-quality anodised aluminium alloy housing
- Handle made of unbreakable and high-strength PP
- Operating lever made of unbreakable aluminium alloy
- Shock-absorbing protective ring made of UV-heat-resistant EPDM
- 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  
APPLICABLE FOR ROUGH FIREFIGHTING USE  
THANKS TO ITS HIGH-QUALITY MATERIAL MIX.

PARTICULARLY DURABLE AND MAINTENANCE-FREE.



# MADE FOR YOUR HANDS.



**TURBO-SPRITZE EVO 130**

**TURBO-SPRITZE EVO 235**



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





## 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







# **FOAM ATTACHMENT FOR TURBO- SPRITZE EVO**

Created especially for operations where you want to attack with water first and apply foam in the second step, allowing you to save time.

The foam attachment can be assembled easily by one person - without any tools. The foam attachment can create low and medium expansion foam.

By setting the nozzle to wide fog, a medium expansion foam is created. Straight stream leads to a low expansion foam.







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**IDEX**  
FIRE & SAFETY