



# TWISTER AUSTRIA TORNADO

Protective boots for fire fighters  
according to EN 15090:2006

 **rosenbauer**



# TWISTER

## Lightening fast, easy fit!



Above all, fire fighting boots must provide protection against heat, cold, flames, sparks and sharp objects – however, they should also be easy to put on quickly!

Therefore, Rosenbauer has developed an absolutely novel lacing system for fire fighting boots with the new TWISTER; as a result, the boot can be put on in a flash. The boot adapts itself exactly to the individual foot shape and is opened again at the press of a button.

TWISTER – the new fire fighting boot with the revolutionary lacing system

### Highest protection – highest wearability

A Sympatex membrane and hydrophobic waterproof leather make the TWISTER essentially waterproof; the multilayer sole construction, interstratified with air cushions, provides excellent resistance against heat and cold. A steel insert in the sole as well as a steel cap in the toe area protect your feet against injuries.

- reinforced design in heel area for stability
- comfort zone in buckling zone for long-term fatigue-free use
- reflecting borders for increased safety in the dark
- certified according to EN15090 HI3 CI SRA

### ■ Robust and easy to care for

The new lacing system consists of a stainless steel cord that is laced through the entire front portion of the boot using special guide parts.

- simple to use
- very robust
- durable system (stainless steel rope)
- extremely easy to clean

**Can be put on and taken off in a flash**

Fast, optimum adaptation of the boot to the foot is made possible by the innovative BOA® lacing system. (BOA® is a registered brand name of BOA® Technology Inc.)



1. Pull the push-and-turn button!



2. Pull the leather tongue forwards and put the boot on!



3. Push the push-and-turn button!



4. Use the edge of your hand to turn the push-and-turn button closed until the boot fits perfectly!

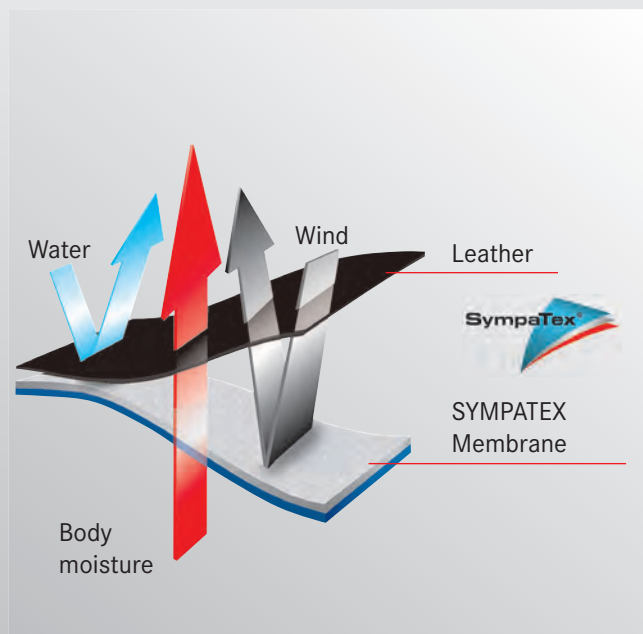


Turning the push-and-turn button tightens the laces uniformly over the entire front area of the boot.

**Precise fit and comfortable – even during long operations**

The special lacing system, combined with selected materials and ergonomically shaped parts, provides incomparable wearability:

- the lacing always adapts itself uniformly and precisely to your feet
- can be readjusted easily at any time
- special cushions on exposed areas (edge of steel cap, ankles, upper end of boot)
- open air- and water vapor-permeable mesh on upper end of boot
- essentially waterproof, but also breathable due to Sympatex® membrane
- ergonomic, moisture-regulating sole insert (removable, washable)





**Technical data TWISTER**

Order Number TWISTER	144900
Weight (per pair, German size 42)	approx. 2640 g
Boot height (without sole, German size 42)	approx. 260 mm
Width	10 and 12
Available German sizes	36 to 50





# AUSTRIA

## Perfect grip in the new slip-on boots



The new AUSTRIA slip-on boots give the wearer perfect grip in any operation situation thanks to elastic instep adjustment. Special flexzones in the instep give way when you slip into the boots, making them easy to pull on. Despite this, they give the wearer fantastic grip when walking or running.



Due to the red flexzones, the AUSTRIA slip-on boot gives the wearer perfect grip.

### Slip-on boot with excellent wearing comfort and a long service life

- heavy duty type, made of high-grade hydrophobic waterproofed black tanned leather
- lining made of wear-proof velour
- padded leg and edge-of-leg zone
- robust leather strap
- all the seams on the new AUSTRIA boots are specially treated with seam sealant to achieve best possible water proofing
- certified as to EN 15090:2006 F2A HI3 CI SRA



### Technical data AUSTRIA

Order Number AUSTRIA with leather lining	144700
Order Number AUSTIRA with Sympatex Membrane	144760 (wind-, waterproof and breathable)
Boot height (without sole, German size 42)	approx. 280 mm
Weight (per pair, German size 42)	approx. 2400 g
Width	10 and 12
Available German sizes	36 to 50

# TORNADO

## Optimum fit and quick entry



TORNADO combines the advantages of a lace-up boot with the ease of quick entry of a slip-on boot. You only have to lace up the boots once, the heat-resistant boot-lace fixing maintains the tension from then on. The additional heavy duty zipper enables the quick entry and exit for daily use.



The lace-up boot TORNADO combines optimum fit and quick entry

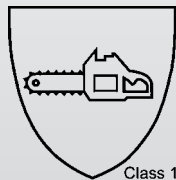
### Quality features that convince ...

- Sympatex® membrane with highgrade laminate lining for water resistance and breathable climate
- Black tanned hydrophobic waterproofed leather
- Padded leg and edge-of-leg zone
- Nail-proof Nitrile air-cushion safety sole, rubber toe-cap
- Moisture-regulating removable and washable sole inlay
- Easy-to-use and durable lace-zipper-system with zipper
- Optimum fit because of best possible lacing of Nomex® bootlace
- Single-piece, cushioned tongue, zipper with flap and loop for fixing on the tongue
- Seams made of heat-resistant red colored sewing thread
- Silver reflective materials for enhanced safety
- Certified as to EN 15090:2006 F2A HI3 CI SRA



### TORNADO with chain saw protection

- With additional Kevlar layers between leather and Sympatex® lining
- According to EN 345-2 chain saw protection class 1



#### Technical data TORNADO

Order Number TORNADO	143900
Order Number TORNADO with chain saw protection	144250
Weight (per pair, German size 42)	approx. 2800 g
Boot height (without sole, German size 42)	approx. 260 mm
Width	10 and 12 (TORNADO)
Available German sizes	38 to 48

# TWISTER / AUSTRIA / TORNADO

Protective boots for fire fighters



## Accessories and spare partes

143938	<b>Cleaning agent Woly Protector 3x3</b>	For TWISTER, AUSTRIA and TORNADO fire fighting boots. 300 ml aerosol. Cleaning agent, cleaning product and preserver for leather boots, leather remains supple and breathable.
143937	<b>Care kit Nikwax</b>	For TWISTER, AUSTRIA and TORNADO fire fighting boots. Set consisting of cleaning gel (125 ml), aqueous wax (125 ml, neutral) and brush.
143936	<b>Cleaning agent Solitaire Brillant</b>	For TWISTER, AUSTRIA und TORNADO fire fighting boots. Tube contents: 75 ml. Clean, care and impregnation. Solvent free. The leather remains supple and breathable. Color: black.
144917	<b>Cable winding mechanism</b>	For TWISTER fire fighting boots (all sizes)
144919	<b>Replacement steel cable</b>	For TWISTER fire fighting boots Size 36 to 40
144918	<b>Replacement steel cable</b>	For TWISTER fire fighting boots Size 41 to 50
143792	<b>Replacement shoe laces</b>	For TORNADO fire fighting boots. Made of Nomex. Color: black / red.
143760	<b>Replacement sole insert</b>	For TWISTER, AUSTRIA and TORNADO fire fighting boots. Needled fleece material, especially good perspiration wicking and moisture regulation. Anatomically shaped foot bed, washable at 30°C. German sizes: 36 - 50.
	<b>Replacement zip for TORNADO</b>	
143790	up to size 40	
143791	from size 41 to 45	
1437911	from size 46	
	<b>Replacement zip for TORNADO with chain saw protection</b>	
143793	up to size 40	
143794	from size 41 to 45	
1437941	from size 46	

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