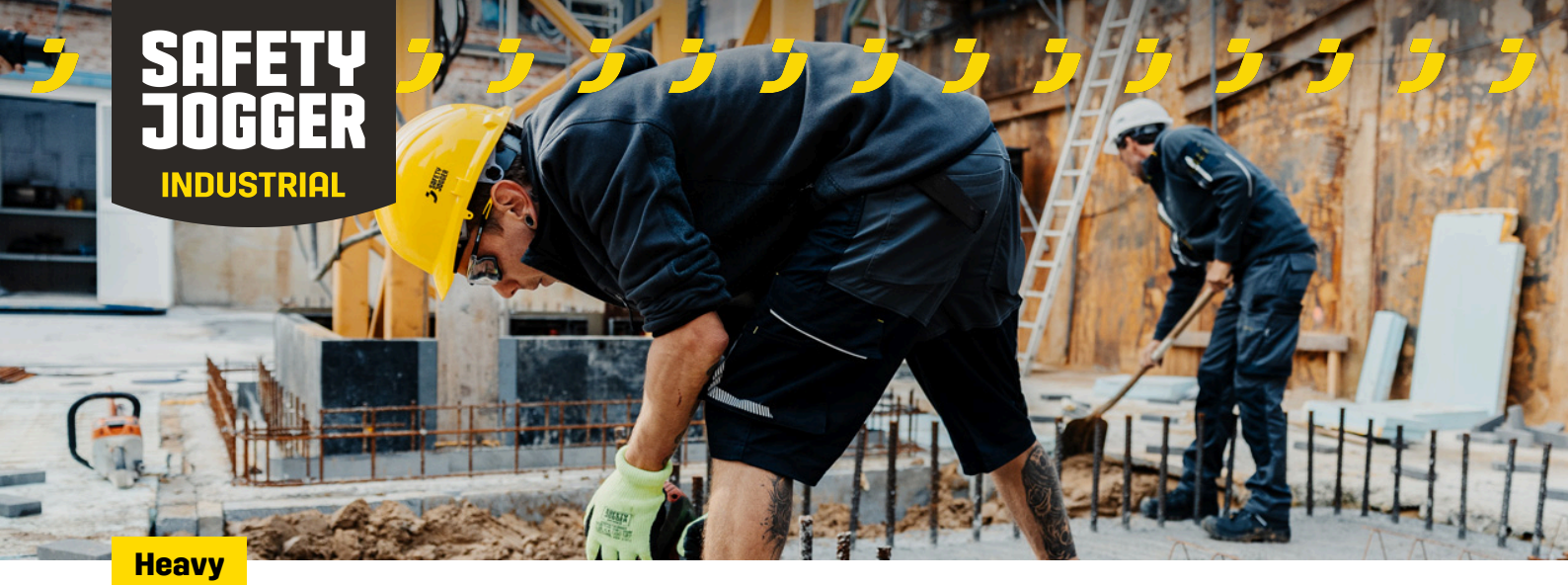
SAFETY JOGGER
INDUSTRIAL



Heavy

ALTAR S3 MID S3S

ALTARS3MID

Composite Toe Work Boots

ALTAR S3 safety boots combine comfort and strength. Slip and heat resistant, metal-free, and water-resistant for reliable protection at work.

Upper	Crazy Horse Leather
Lining	Recycled Mesh (100% recycled)
Footbed	SJ Recycled Foam Footbed (96% recycled)
Midsole	Anti-Puncture Textile
Outsole	PU/Rubber (NBR)
Toecap	Composite
Category	S3S / SR, SC, LG, FO, HI, HRO, CI, ESD
Size range	EU 36-48 / UK 3.5-13.0 / US 4.0-13.5 JPN 22.5-31.5 / KOR 235-315
Sample weight	0.830 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022

CE · ESD · WPA · 3FIT SYSTEM · NESKARID

CO_2 13.63 kg



CAM



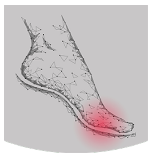
SND



Breathable leather upper
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



Composite toecap
Metalfree and lightweight, no thermal or electrical conductivity



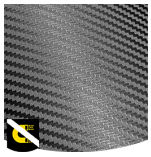
Forefoot energy absorption
Forefoot energy absorption reduces the impact of jumps or running on the body of the wearer.



Heat resistant outsole (HRO)
The outsole resists high temperatures up to 300°C.



Heel energy absorption
Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



Metal free
Metal free safety shoes are in general lighter than regular safety shoes. They are also very beneficial for professionals who have to pass through metal detectors several times a day.

Industries:
Construction, Industry, Logistics, Mining

Environments:
Dry environment, Muddy environment, Extreme slippery surfaces, Warm surfaces, Uneven surfaces, Cold environment, Wet environment

Maintenance instructions:
To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

Test results:

	Description	EN ISO 20345	Result	Measure unit
Upper	**Crazy Horse Leather**			
	Upper: permeability to water vapor	≥ 0.8	7.8	mg/cm^2 /h
	Upper: water vapor coefficient	≥ 15	68	mg/cm^2
Lining	**Recycled Mesh (100% recycled)**			
	Lining: permeability to water vapor	≥ 2	54.48	mg/cm^2 /h
	Lining: water vapor coefficient	≥ 20	436	mg/cm^2
Footbed	**SJ Recycled Foam Footbed (96% recycled)**			
	Footbed: abrasion resistance (dry/wet) (cycles)	25600/12800	25600/12800	cycles
Outsole	**PU/Rubber (NBR)**			
	Outsole abrasion resistance (volume loss)	≤ 150	91	mm^3
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	≥ 0.31	0.41	friction
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	≥ 0.36	0.37	friction
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	≥ 0.19	0.28	friction
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	≥ 0.22	0.25	friction
	Antistatic value	0.1 - 1000	11.2	MegaOhm
	ESD value	0.1 - 100	65	MegaOhm
	Heel energy absorption	≥ 20	33	J
Toecap	**Composite**			
	Impact resistance toecap (clearance after impact 100J)	N/A	N/A	mm
	Compression resistance toecap (clearance after compression 10kN)	N/A	N/A	mm
	Impact resistance toecap (clearance after impact 200J)	≥ 14	17.0	mm
	Compression resistance toecap (clearance after compression 15kN)	≥ 14	21.5	mm

Sample size: 42

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.

Carbon footprint:

	Description	Result	Measure unit
CO2 emission			
	Material	11.34	kg
	Packing	0.13	kg
	Manufacturing	1.90	kg
	Transport	0.26	kg
		13.63 kg CO2/pair	

	Description	Result
Recycled content		
	Product	5%
	Packing	99%

CO2 calculation:
Values are rounded to two decimals.
These analyses are performed using our in-house environmental calculators, developed within the Cortina Group. The CO2 values are valid at the time of calculation and may be subject to change.