

Jeep®



THE SEASONAL CATALOGUE

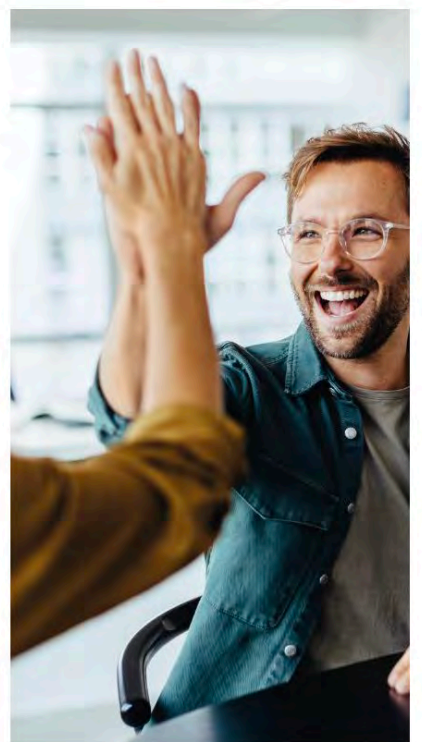
**SAFETY
FOOTWEAR**



**SAFETY
FOOTWEAR**

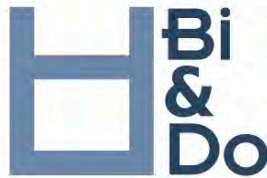


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A WINNING TEAM



We are the exclusive licensees for the EMEA region (Europe, Middle East, and Africa) of the JEEP brand, with which we produce and distribute safety footwear in compliance with the EN ISO 20345:2022 standard. We are a well-known company in the industry, with a proven track record in the production and distribution of high-quality footwear.

As the licensee for the EMEA region of the JEEP brand, we are committed to maintaining the high standards of quality and innovation that the brand represents. We collaborate closely with the JEEP development team to ensure that every pair of footwear we produce faithfully reflects the values and reputation of the brand. Our partnership with JEEP allows us to combine our expertise in safety footwear with the renowned heritage of JEEP to create products that meet the needs of the most demanding workers.

Our collaboration with JEEP goes beyond the simple production and distribution of safety footwear, sharing a common vision of innovation, research, and constant development. We invest significant resources in the search for new technologies, materials, and designs to offer workers cutting-edge safety footwear that exceeds industry standards.

Our partnership with JEEP also enables us to benefit from the brand's synergies and resources, allowing us to reach a broad customer base and expand our presence in international markets. We are excited to bring JEEP safety footwear to the EMEA region, offering workers a range of high-quality footwear that ensures safety, comfort, and superior performance.

We are committed to developing and producing innovative, high-quality, environmentally-friendly safety footwear that aligns with the brand's values. Our innovative "4D Voronoi" technology, ongoing research and development, attention to detail, and careful material selection are the guiding principles of our daily work. We are determined to provide workers with a range of safety footwear that exceeds expectations and offers maximum protection and comfort in the workplace.

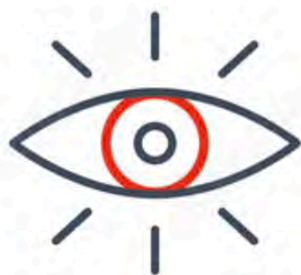


Mission

We aim to become a leading company in the safety footwear industry, providing innovative and high-quality products that meet the needs of workers in terms of safety, comfort, and performance.

We are committed to ensuring maximum protection for our customers by offering footwear that surpasses industry standards and allows them to perform their activities safely and efficiently.

We are engaged in research and development programs that aim to introduce new cutting-edge technologies and materials to continually improve our products and stay at the forefront of the safety footwear industry.



Vision

To become a reference point in the safety footwear industry, recognized for product excellence and a constant commitment to innovation.

Our ambition is to become the preferred choice of workers seeking reliable, innovative, comfortable, and high-quality safety footwear.

Through the use of "4D Voronoi" technology, we aim to offer cutting-edge solutions that enhance workers' experience and increase their safety on the job.

We aspire to be known for our commitment to research and development, attention to detail, and the quality of materials used in safety footwear production.

Our vision is one of constant growth, expanding our presence internationally with always innovative solutions.



COMFORT, QUALITY OF MATERIALS AND STYLE

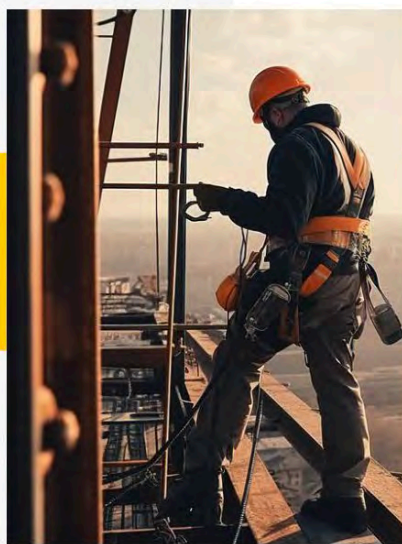
In our catalog you will find safety footwear for almost any work environment.

We have paid special attention to safety, comfort, quality of materials and style.

Thanks to our 4D Voronj* technology, we have created a line of EN ISO 20345:2022 compliant safety footwear that stands out for its unique features and unmistakable style.

The Indoor line, has been weighted for work environments that require maximum control and where the durability of materials must be at the highest level.

03



EAGLE ML-LL
984 Black/Orange

YM190BX - YL690BX

Size: 42-48

Size: 36-41

EN ISO 20345:2022 S1 PL SR

Upper : Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Nano carbon
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : 3D/Rubber, with 4D Voronj technology



In Stock



AVENGER ML-LL **YM2030BX - YL2530BX**
289 Black/Red

Size: 42-48

Size: 36-41

EN ISO 20345:2022 S1 PL SR

Upper : Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Nano carbon
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : 3D/Rubber, with 4D Voronj technology



In Stock



AVENGER LL **YL2530BX**
012 Lt. Blue

Size: 36-41

EN ISO 20345:2022 S1 PL SR

Upper : Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Nano carbon
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : 3D/Rubber, with 4D Voronj technology



In Stock



WILLYS ML - LL
146 Black/Green

YM2040BI - YL2540BI
Size: 42-48 Size: 36-41

EN ISO 20345:2022 S1 PL FO SR

Upper : Fabric/Microsuede
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : PU 2D



In Stock



COMMANDER ML-LL **YM2050BI - YL2550BI**
258 Black/Yellow Size: 42-48 Size: 36-41

EN ISO 20345:2022 S1 PL FO SR

Upper : Suede Leather/Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : PU 2D



In Stock



COMMANDER LH **YL2560BI**
258 Black/Yellow Size: 36-41

EN ISO 20345:2022 S1 PL FO SR

Upper : Suede Leather/Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : PU 2D



In Stock



CHEROKEE ML - LL YM2070DI - YL2570DI
028 Brown Size: 42-48 Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Full Grain Leather
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ultrasoft PU memory
Sole : PU 2D



In Stock



CHEROKEE ML - LL YM2070DI - YL2570DI
258 Black/Yellow Size: 42-48 Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Full Grain Leather
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ultrasoft PU memory
Sole : PU 2D



In Stock



CHEROKEE MH - LH YM2080DI - YL2580DI
028 Brown Size: 42-48 Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Full Grain Leather
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ultrasoft PU memory
Sole : PU 2D



In Stock



CHEROKEE MH - LH YM2080DI - YL2580DI
258 Black/Yellow

Size: 42-48

Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Full Grain Leather
 Lining : Breathable 3D mesh fabric
 Toe cap: Fiberglass
 Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
 Insock : Ulte Soft PU memory
 Sole : PU 2D



In Stock



PATRIOT ML-LL
258 Black/Yellow

YM2090DI - YL2590DI

Size: 42-48

Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Fabric/Microsuede + JEEP ROTOR SYSTEM
 Lining : Breathable 3D mesh fabric
 Toe cap: Fiberglass
 Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
 Insock : Ulte Soft PU memory
 Sole : PU 2D



In Stock



JEEPSTER ML - LL
258 Black/Yellow

YM2100DI - YL2600DI

Size: 42-48

Size: 36-41

EN ISO 20345:2022 S1 PL FO SR

Upper : Microsuede/Fabric + JEEP ROTOR SYSTEM
 Lining : Breathable 3D mesh fabric
 Toe cap: Fiberglass
 Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
 Insock : Ulte Soft PU memory
 Sole : PU 2D



In Stock



HONCHO ML - LL
429 Black/Blue

YM2180DI - YL2680DI
Size: 42-48 Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Microsuede/Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : PU 2D



In Stock



COMPASS ML - LL
289 Black/Red

YM2150DI - YL2650DI
Size: 42-48 Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Microsuede/Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : PU 2D



In Stock



COMPASS MH - LH
289 Black/Red

YM2140DI - YL2640DI
Size: 42-48 Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Microsuede/Fabric
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ulte Soft PU memory
Sole : PU 2D



In Stock



RUBICON ML - LL YM2170BI - YL2670BI
984 Black/Orange Size: 42-48 Size: 36-41

EN ISO 20345:2022 S3L FO SR

Upper : Microsuede/Fabric + JEEP ROTOR SYSTEM
Lining : Breathable 3D mesh fabric
Toe cap: Fiberglass
Insole: Anti-puncture "PL" textile insert EN ISO 22568-4:2021
Insock : Ultrasoft PU memory
Sole : PU 2D



In Stock



PRODUCT



Certificato IT23/00000207

Il sistema di gestione di
BI&DO S.r.l.

Via Panà, 56/bis Noventa Padovana (PD) Italia

è stato verificato ed è risultato conforme ai requisiti di
ISO 9001:2015

Scopo della certificazione
Sviluppo e controllo della produzione di calzature per il tempo libero.

Settore IAF: 05

Questo certificato è valido dal 17 marzo 2023 fino al 17 marzo 2026 e la sua validità è subordinata all'esito soddisfacente dell'attività di sorveglianza periodica.
Emissione 1. Certificata dal 17 marzo 2023

Autorizzato da
Paola Santarelli
SGS ITALIA S.p.A.
Via Caldera, 21 20153 MILANO - Italy
t +39 02 73 93 1 - www.sgs.com

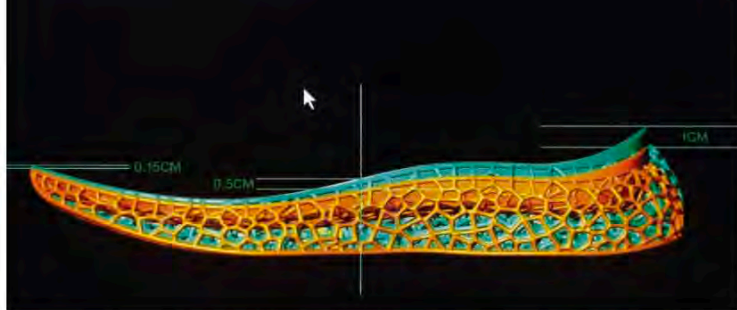


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4D VORONOJ TECHNOLOGY

The "4D Voronoi" technology is exclusively used on safety footwear produced by Bi&Do Srl under the JEEP brand. As the licensee for the EMEA region of the JEEP brand, Bi&Do Srl has chosen to adopt this cutting-edge technology to offer workers high-quality safety footwear that meets the highest standards of comfort and safety.

JEEP safety footwear, equipped with "4D Voronoi" technology, represents a true benchmark in the industry. Each sole is carefully and precisely printed using this innovative technology, which allows for variable material distribution to achieve optimal results in energy absorption and return. In the near future, it will even allow for the printing of customized soles to meet the specific needs of each user.

The decision to use "4D Voronoi" technology on JEEP safety footwear by Bi&Do Srl is driven by our relentless pursuit of perfection and the utmost satisfaction of our customers. We understand the importance of providing safety footwear that not only offers reliable protection but is also comfortable to wear during long workdays.

"4D Voronoi" technology enables us to achieve this goal by offering workers footwear that adapts to their specific needs, providing comfort and ergonomic support.

Satisfaction and Quality

JEEP safety footwear with "4D Voronoi" technology is the result of continuous commitment to research and development, placing us at the forefront of the industry.

Our partnership with JEEP allows us to access the latest innovations and technologies in the field of safety footwear, ensuring that every JEEP product meets the high-quality standards the brand represents.

We take pride in being the only safety footwear manufacturer to adopt "4D Voronoi" technology. This sets us apart from the competition and enables us to offer workers advanced solutions that enhance their experience and safety on the job.

"4D Voronoi" technology represents a significant step forward in the safety footwear industry, and we are excited to bring these benefits to workers through our JEEP footwear line.





Regulation

The old standard for safety footwear has been updated with the introduction of the new EN ISO 20345:2022 standard. The main changes are as follows:

1 Slip resistance requirements now integrate basic requirements similar to those defined in the old standard with the code SRA. In addition to the basic certification, another slip test can be performed, marked with the code "SR". For shoes with studs, which are challenging to test in practice, the shoe can be marked with the symbol 0. The testing methods have also changed, with all slip tests performed on tiles.

2 Requirements for penetration resistance. The new standard provides some clarifications regarding the material of protection and the size of the test nails used for testing.

P: Protection against steel nails with a diameter of 4.5 mm

PL: Protection against non-metallic nails, with a diameter of 4.5 mm

PS: Protection against non-metallic nails, with a diameter of 3 mm

3 Increased protection levels with the introduction of S5, S6, and S7 levels with sublevels.

4 An optional "LG" requirement has been introduced to test the grip on ladder rungs, which was previously only intended for firefighting boots.

5 The "FO" marking related to hydrocarbon resistance has become an optional parameter. The "FO" test is therefore an additional parameter for footwear intended for hydrocarbon environments.

6 Water resistance. Two new protection levels have been added (S6 and S7). These levels share requirements for water resistance with the "WR" marking. Otherwise, S6 offers the same protections as level S2, while S7 corresponds to S3. In the new standard, the old WRU marking has been replaced by the WPA marking (Water penetration and absorption).



Legend

CATEGORY	CLASSIFICATION	REQUIREMENT
SB	I o II	Basic requirements
S1	I	SB+closed heel area + energy absorption in the heel area (E) + antistatic shoe (A)
S2	I	S1+water absorption and penetration of the upper (WPA)
S3	I	S2+penetration resistance (with metal insert) + cleated outsole
S3L	I	S2+penetration resistance (with non-metal insert, PL type) + cleated outsole
S3S	I	S2+penetration resistance (with non-metal insert, PS type) + cleated outsole
S4	II	SB+closed heel area + energy absorption in the heel area + antistatic shoe
S5	II	S4+penetration resistance (with metal insert) + cleated outsole
S5L	II	S4+penetration resistance (with non-metal insert, PL type) + cleated outsole
S5S	II	S4+penetration resistance (with non-metal insert, PS type) + cleated outsole
S6	I	S2+water resistance of entire shoe
S7	I	S3 (metal insert) + water resistance of entire shoe
S7L	I	S3 (non-metal insert, PL type) + water resistance of entire shoe
S7S	I	S3 (non-metal insert, PS type) + water resistance of entire shoe

Symbolism and Standards

SYMBOL		PROTECTION CHARACTERISTIC	REQUIREMENT
P		Penetration resistance (metal insert)	≥ 1100 N
PL		Penetration resistance (non-metal insert, PL type)	No penetration at 1100 N
PS		Penetration resistance (non-metal insert, PS type)	Average penetration strength ≥ 1100 N Single penetration strength ≥ 950 N
C		Partially conductive footwear	Electrical resistance ≤ 100 k Ω
A		Antistatic footwear	Electrical resistance > 100 k Ω and ≤ 1000 M Ω
HI		Insulation against heat at the sole	Temperature increase after 30 minutes to 150° C $\leq 22^\circ$ C
CI		Insulation against the cold at the sole	Temperature decrease after 30 minutes to -17° C $\leq 10^\circ$ C
E		Energy absorption at the heel	Absorbed energy ≥ 20 J
WR		Water resistance of entire shoe	No water penetration
M		Metatarsal protection	size 41 and 42 ≥ 40.0 mm
AN		Ankle protection	Transmitted energy: average value ≥ 10 kN single value ≥ 15 kN
CR		Cut resistant	Cut resistant index ≥ 2.5
SC		Abrasion resistance of the toe cap	No through-holes after 8,000 cycles
SR		Slip resistance (ceramic surface coated with glycerine)	≥ 0.19 (7° heel) ≥ 0.22 (7° toe)
WPA		Water absorption and penetration of the upper	Absorption $\leq 30\%$ Penetration ≤ 0.2 g
HRO		Outsole resistance to hot contact	No signs of melting and/or breakage
FO		Fuel oil-resistant outsole	Volume increase $\leq 12\%$
LG		Ladder grab footwear	Resistance to abrasion of the waist and adequate size of the waist
Ø		Footwear without slip resistance	---

ONLY FOR INTERNAL USE



by BI&DO SRL
Via Panà 56 Bis
35027 Noventa Padovana (PD) - Italy
Ph- +39 049 8700006
<https://safety.jeep-footwear.com> - info@biedo.biz
P.iva 04307300287