JSP®

EVO® ALTA™ HIGH PERFORMANCE HEAD PROTECTION

evolta™


evolta
TM

EVO® ALTA™

The new EVO® ALTA™ offers all-round impact protection. The mountaineering-style helmet features a specialised shell structure and internal liner to increase durability and shock absorption performance. Precise adjustment settings enable a secure fit, ensuring the helmet remains stable.

Engineered to maximise compatibility and accessory integration, EVO® ALTA™ is an adaptive system with built-in attachment points, an interchangeable front module, and a selection of 4-point chinstraps for use in a wide range of applications.

DUALSWITCH™ SKYWORKER™ BASEWORKER™

STANDARDS EXPLAINED

EVO® ALTA™ DUALSWITCH™

EN 12492
EN 397
EN 50365

EVO® ALTA™ SKYWORKER™

EN 12492

EVO® ALTA™ BASEWORKER™

EN 397
EN 50365

EN 12492 – Mountaineering helmet standard

- The EN 12492 standard requires impact testing to the crown, side, front and rear of the helmet.
- Penetration testing is carried out on the helmet's crown.
- Chinstraps are mandatory and must be tested to ensure the strap does not break or elongate when a force of 500N is applied, maximising security during a fall.

EN 397 – Industrial helmet standard

- The EN 397 standard requires impact testing to the crown of the helmet only.
- Penetration testing is also carried out on the helmet's crown.
- Chinstraps are optional for EN 397 helmets and must release under a force of 150-250N if caught up creating danger for the user.
- EN 397 includes additional optional requirements for molten metal and lateral deformation.
- EN 397 also includes a 440V electrical insulation option for non-vented helmets which offers extra protection from electrical dangers small enough to enter helmet vents.

EN 50365 – Electrically insulating helmet standard

- The EN 50365 standard applies to helmets used for working live installations up to 1000V.
- Helmets must fulfil the requirements of EN 397 to be fully certified to this standard.

EVO® ALTA™ Baseworker™ offers the higher, all-round impact protection of an EN 12492 helmet with an EN 397 compliant chinstrap and additional performance benefits.

DUALSWITCH™ EXPLAINED

JSP's DualSwitch™ technology is fully certified to both EN 12492 and EN 397 offering the ability to change between the two standards easily at the flick of a switch.

Initially developed for the EVO®5 and later rolled out to EVO® VISTA® range of helmets, the innovative system enables selection of release force without swapping the chinstrap.

SWITCH DOWN

EN 12492

SWITCH UP

EN 397

SPECIFICATION

EVO® ALTA™ DUALSWITCH™

Features the unique JSP DualSwitch™ harness system, certified to EN 12492 and EN 397 with a switch on the chinstrap.

Standards	EN 12492 / EN 397 & EN 50365
Chinstrap release force	>500N (EN 12492 mode) 150-250N (EN 397 mode)
Ventilation	Vented ☑
Electrical insulation	1000V (EN 397 mode)
Crown impact resistance	100J
Side, front, rear impact resistance	25J
Penetration resistance	29J
Lateral deformation	☑
Molten metal	☑
Shell material	ABS
Liner material	EPP
Operational temperature range	-40°C +50°C
Weight	500g

EVO® ALTA™ SKYWORKER™

EVO® ALTA™ Skyworker™ is certified to EN 12492, the mountaineering helmet standard.

EVO® ALTA™ BASEWORKER™

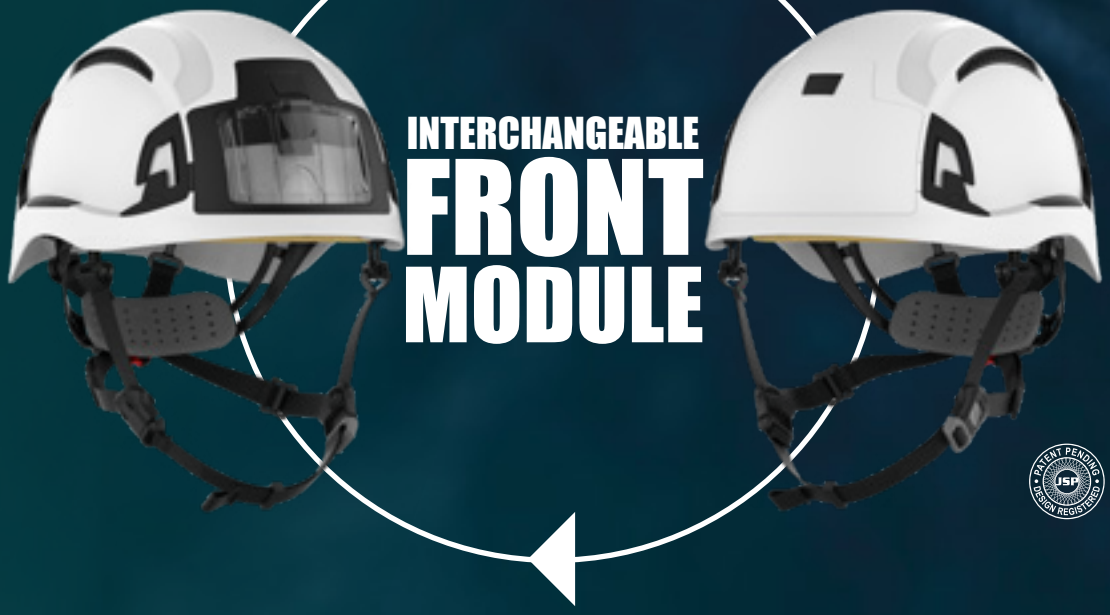
EVO® ALTA™ Baseworker™ is certified to EN 397, the industrial safety helmet standard.

	EN 12492	EN 397 & EN 50365	
	>500N	150-250N	
	Vented ☑	Vented option	Non- vented option
	1000V*	1000V	1000V 440V
	100J	100J	
	25J	25J	
	29J	29J	
	☑*	☑	
	☑*	☑	
	ABS	ABS	
	EPP	EPP	
	-40°C +50°C	-40°C +50°C	
	500g	500g	

*Meets performance requirements

UP FRONT & PERSONAL

EVO® ALTA™ features a unique interchangeable front module. Select the integrated ID card holder for on-site identification or choose the logo-ready standard front to apply company branding. Both front modules enable attachment of a helmet lamp and other accessories.



COMPATIBILITY & ACCESSORIES

The EVO® Alta™ range maximises compatibility and accessory integration. Attachment points on the helmet shell enable firm fitting of ear defenders, faceshields, goggle and lamp straps, plus a range of other accessories.

ALL-ROUND PROTECTION

EVO® ALTA™ provides all-round impact protection with top, side, front and rear shock absorption performance. The helmet is designed with an extended nape section to offer greater neck coverage.

CUSTOM BRANDING

Helmets can be customised to meet a corporate identity. Logo printing is available for the standard front module, helping to increase brand recognition and discourage theft. MOQs apply.

DUAL VENTILATION

Side and rear ventilation in the helmet's shell and liner reduce temperatures by an average 2-3 degrees. EVO® ALTA™ Baseworker™ is available in a non-vented version to provide EN 397 440V electrical insulation.

EPP LINER

EVO® ALTA™ features an internal impact liner to increase shock absorption and penetration protection. Manufactured in expanded polypropylene (EPP), the liner is lightweight and ventilated for comfort.

MAXIMUM COMFORT

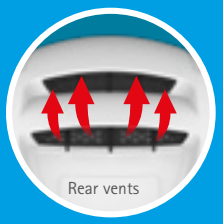
The Revolution® Flex wheel ratchet harness secures the helmet, eliminating pressure points to provide maximum comfort. Fitted with a replaceable Chamlon™ cotton sweatband and fully compatible with EVO® cooling sweatbands for protection against heat stress.

SECURE FIT

The harness cradles the head to keep the helmet stable with an adjustable 4-point chinstrap for increased security. 3D-Adjustment depth settings enable the most precise fit attainable on a safety helmet.

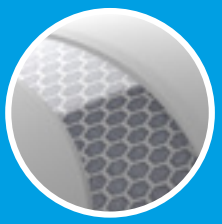
4-POINT CHINSTRAP

The 4-point chinstrap is easy to adjust on the head. Size and anchorage point adjustment enable a tailored fit for different head sizes, ensuring stability and greater comfort.



Dual ventilation - reduce temperatures by an average 2-3 degrees

ABS shell offers top, side, front and rear impact protection



CR2 Reflective available for increased visibility

Extended nape section

EPP internal impact liner is lightweight and ventilated

Suspension harness creates clearance between the head and EPP liner, increasing airflow within the helmet

The one-piece moulded strap design features an extra deep nape strap to cradle the head, offering a secure fit at a lower adjustment setting

Castellated sections around the forehead area allow the strap to stretch and flex as the harness is tightened

Flexible comfort pad conforms to the back of the user's head

REVOLUTION FLEX

Chinstrap adjustment enables a tailored fit

evolta™

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