

# TECHNICAL SPECIFICATION



## EVO® ALTA™ DualSwitch™

Extra Visibility Yellow / ARD170-40C-700



### DESCRIPTION

The new EVO®ALTA™ range 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 that the helmet remains stable.

Engineered to maximise compatibility and accessory integration, the EVO®ALTA™ range 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.

EVO®ALTA™ DualSwitch™ features the unique JSP DualSwitch™ harness system. With the DualSwitch™ up and EN 397 indicated on the switch, EVO®ALTA™ is fully compliant to EN 397 and EN 50365:2002 with a 4-point chinstrap designed to release under force if caught or snagged. With the DualSwitch™ down and EN 12492 indicated on the switch, EVO®ALTA™ is fully compliant to EN 12492 and meets the electrical insulation performance requirements of EN 50365:2002 with a 4-point chinstrap designed to stay secure under force, maximising security during a fall.

### OPTIONS

Black (ARD170-401-100)  
Blue (ARD170-400-500)  
Extra Visibility Orange (ARD170-401-600)  
**Extra Visibility Yellow (ARD170-40C-700)**  
Green (ARD170-400-300)  
Grey (ARD170-400-400)  
Red (ARD170-400-600)  
White (ARD170-400-100)

### SAFETY STANDARDS

EN 12492 • EN 397 • EN 50365



JSP Limited, Worsham Mill, Minster Lovell, Oxford OX29 0TA, England.























Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: sales@jspsafety.com / Web: www.jspsafety.com

Do Not Publish without written permission from JSP Limited. Contact copyright@jspsafety.com. Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 1 of 3 / Issued 27 Aug 2025 / Copyright 2018 - 2025, JSP Limited. All Rights Reserved.



## SPECIFICATIONS

	Peak Micro		Impact Resistance 100 Joules
	Side Impact Resistance 25 Joules		Molten Metal Yes
	Lateral Deformation Yes		EN 50365 ELECTRICAL INSULATION 1000V
	Maximum Temperature +50°C		Minimum Temperature -40°C
	ABS Shell Yes		EPP Liner Yes
	Recyclable Shell		Textile Harness
	Ventilation Yes		Depth Adjustment 3D Harness
	Wheel Ratchet Yes		Fitted 4 point DualSwitch chinstrap (EN12492 and EN397 compliant) Fitted
	Universal Accessories Slot Yes		Reflective Option Yes
	ID card holder Optional		JSPCheck Yes
	Product Weight 500g		Size 53-64cm

## FEATURES



### 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.



### Interchangeable Front Module

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.



### 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.



JSP Limited, Worsham Mill, Minster Lovell, Oxford OX29 0TA, England.

Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: sales@jspafety.com / Web: www.jspafety.com

Do Not Publish without written permission from JSP Limited. Contact copyright@jspafety.com. Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 2 of 3 / Issued 27 Aug 2025 / Copyright 2018 - 2025, JSP Limited. All Rights Reserved.





### 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

Side and rear ventilation in the helmet's shell and liner reduce temperatures by an average 2-3 degrees.



### Switch Up

The chinstrap release force of EN397 is between 150 and 250 Newtons. This limits the risk of choking, the chinstrap has been designed to release if snagged.



### 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.



### Switch Down

The chinstrap release force of EN12492 is greater than 500 Newtons. This limits the risk of losing the helmet during a fall.

#### LOGO

- ☒ Front
- ☒ Sides

#### RANGE



#### DOWNLOADS

 [Image Pack \(ZIP\)](#)



JSP Limited. Worsham Mill. Minster Lovell. Oxford OX29 0TA. England.

Tel: +44 (0)1993 826050 / Fax: +44 (0)1993 824411 / Email: [sales@jspsafety.com](mailto:sales@jspsafety.com) / Web: [www.jspsafety.com](http://www.jspsafety.com)

Do Not Publish without written permission from JSP Limited. Contact [copyright@jspsafety.com](mailto:copyright@jspsafety.com). Information correct in the United Kingdom at date of issue and may be subject to change. Any third-party machine and automated translations processed by users may have inaccuracies and should not be relied upon.

Page 3 of 3 / Issued 27 Aug 2025 / Copyright 2018 - 2025. JSP Limited. All Rights Reserved.

