



Dossier // MT Atom 2 SV

**MT Helmets
Corporate
Communications**



FULL DOSSIER // MT Atom 2 SV

Product information and specifications



**EXPERTS
IN SAFETY
HOMOLOGATIONS**

Jorge Avilés - CMO
> jorge.aviles@mthelmets.com

José Benavente - CCO
> jose.benavente@mthelmets.com

info@mthelmets.com | +34 968 166 991
Calle Budapest, 19-29. Pol. Ind. Cabezo Beaza
30353 Cartagena - Spain

[YouTube](#) [LinkedIn](#) [Instagram](#) [Facebook](#) | mthelmets.com



New MT Atom 2 SV. The next-generation modular helmet that stands out in the market

MT Helmets presents its latest Allrounder, aiming to revolutionize the world of long-distance riding enthusiasts. The new MT Atom 2 SV is packed with features that position it as a benchmark Flip-Up helmet, offering high-end solutions at a mid-range price.

- The most versatile, comprehensive, and affordable modular helmet on the market is now available.
- The new Atom 2 is designed to shake up its segment, following the success of MT Helmets' recent models.
- This next-generation helmet inherits the qualities of the Thunder 4 SV, an acclaimed bestseller, foreshadowing significant success for the new Atom 2 SV.

The Atom 2 SV is MT Helmets' latest modular helmet, replacing the well-known ATOM SV, a sales hit for over 7 years. While aiming to surpass the achievements of its predecessor, the new Atom 2 SV comes loaded with features to meet even the toughest goals.

Designed using the same processes as the MT Thunder 4 SV, a helmet that revolutionized its segment, the Atom 2 SV is a product of the Spanish brand's engineering department. It complies with the ECE 22.06 standard, ensuring top-level safety.

Featuring user-friendly solutions, such as the [MT-FSOS] ventilated screen opening button, sun visor integrated with the nose deflector for total protection [MT-ESP], and a single-handle flip-up chin guard system, this model enhances convenience, comfort, and safety for riders.

The helmet's quality is evident in meticulously selected and crafted interior fabrics, manufacturing excellence, and premium details like translucent materials in its vents, providing both exquisite functionality and a high-end aesthetic.

Regarding safety, in addition to ECE 22.06 certification, the helmet boasts an expanded field of vision for better situational awareness. Its micrometric double-hook closure [MT-MDTC] ensures security while offering great user comfort.

Finally, the helmet's attractive aerodynamics, featuring a rear spoiler concealing an airflow system designed through fluid dynamics studies, ensures optimal internal ventilation.

MT Helmets has truly gone the extra mile in developing this helmet, leaving no doubt that it is a new mid-priced modular helmet with the quality of any high-end model.





KEY FEATURES – ATOM 2 SV

ECE 22.06 Approved

This helmet exceeds the highest safety standards and complies with the new ECE 22.06 regulations for marketing in Europe.

MT-RADD | Reduced Aero Drag Design

Aerodynamic design studied by MT Helmets' engineering team to minimize drag, considering the helmet-rider-motorcycle combination.

MT-FSOS | Integrated Screen Lock

A simple yet effective system that prevents the screen from unintentionally opening in case of impact.

MT-ESP | Extended Sunvisor Protection

A retractable visor system providing an expanded protection area, preventing distortions due to light changes. It can be operated quickly and comfortably with one hand and is detachable for easy cleaning.

High-Quality Screen

Designed for optimal clarity and high impact resistance. The screen is sealed against the shell by a rubber profile for optimal insulation.

MT-AFCS | Air Flow Channel System

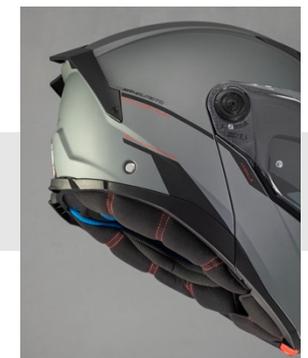
Fluid dynamics analysis led to channels that minimize air resistance, enhance internal ventilation, and reduce temperature and humidity within the Atom 2 SV.

HIRP

The shell of the new Atom 2 SV is made of a polymer combination called HIRP, providing excellent impact performance.

MT-MDTC | Micrometric Double Teeth Closure

A redesigned micrometric retention system to prevent unintended openings, offering the best compromise between user comfort and safety.



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MT-NSIC | New Standard Intercom Cage

This helmet features a housing for a universal intercom. It's one of the first modular helmets with standardized dimensions to integrate various Bluetooth communication systems, increasing versatility.

MT-EVA | Extended Vision Area

An expanded field of vision allowing the rider to have a wide view of the surroundings, enhancing comfort, driving experience, and safety.

Interior Padding

Specifically developed for each size, adapting to all head contours optimally. The materials used favor ventilation, moisture evacuation, and quick drying. All interior paddings can be easily removed for washing or replacement.

Prepared for Anti-Fog Lens

The Atom 2 SV screen is designed to incorporate an anti-fog lens, seamlessly integrating Fog-Off Full Vision and Pinlock 100% Max Vision specific sheets.

ECO-Conscious

MT Helmets has reinterpreted designs with environmental awareness principles, aiming to increase the helmet's lifespan with externally detachable elements for easy replacement in case of need, whether due to breakage or renewal.

Three-Point Support System

The lower profile of this helmet features a three-point support system developed to offer stability when the Atom 2 SV is placed on flat surfaces. This facilitates helmet handling for cleaning or maintenance tasks, isolating interior elements from the surface and enhancing helmet hygiene.





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TECHNICAL DATA SHEET – ATOM 2 SV



PRODUCT:

- > **Brand:** MT Helmets
- > **Model:** Atom 2 SV
- > **Year:** 2024

TYPE OF USE:

- > **Racing:** 70%
- > **Sport-Touring:** 100%
- > **Touring:** 100%
- > **Urban:** 80%
- > **Off-Road:** 20%

SHELL:

- > **Material:** HIRP (High Impact Resistant Polymer)
- > **Number of shells:** 2 (XS-M and L-XXXL)
- > **Sizes available:** XS to XXL
- > **Weight:** 1.650-1.7150 g



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INTERIOR:

- > **EPS:** Variable density EPS to ensure the best shock absorption.
- > **Removable interior:** All interiors are removable.
- > **Fabrics:** Combination of fabrics to offer the best comfort and durability.
- > **Washable:** All interiors are washable.
- > **Hygiene:** Antibacterial protection fabric
- > **Moisture:** Fabric designed to facilitate the evacuation of moisture.
- > **Fit:** Perfect fit to the head thanks to the different sizes of the interiors.
- > **Nose protector:** Nose deflector with nose protection and adjustment of the deflector and sun visor to improve visual protection.
- > **UCS Intercom:** Accommodates UCS bluetooth intercom system.
- > **Micrometric closure:** Micrometric safety closure with optimized MT-Micrometric+ system for improved vision protection. MT-Micrometric+ to increase the efficiency of this element.

VENTILATION:

- > **Air vents:** Front and top air vents with open/close system.
- > **Internal channels:** Interior air flow for temperature and moisture exhaustion.
- > **Air extraction:** Rear vents to let air out.
- > **Rear spoiler:** Rear deflector optimising the aerodynamics of this helmet.





VISOR:

- > **Optics:** Visor made from high-quality optical polycarbonate.
- > **Fit:** Optimal shell/visor seal thanks to a rubber strip with an adaptive lip.
- > **Anti-Fog:** The ATOM 2 SV (MT-V 35) visor is compatible with FogOff model FOG013 and Pinlock DKS512.
- > **MT-FSOS+ | Fast Shield Opening System +:** Quick button with automatic anti-fog position. This helmet has a quick opening that automatically moves the shield to the anti-fog position.
- > **Durability:** Made from highly impact-resistant materials.
- > **Sun visor:** Yes, with MT-ESP | Extended Sunvisor Protection, a retractable visor system offering full field of view protection.
- > **Smoke visor:** Optional smoke visor (not included)

SAFETY:

- > **ECE 22.06 and DOT:** The Atom 2 SV exceeds by far all the safety regulations.
- > **Micrometric closure:** Micrometric safety closure with optimised MT-Micrometric+ system to increase the efficiency of this element.

OTHER FEATURES:

- > **Chin curtain:** Standard feature.
- > **EcoConcious:** Removable parts for easier maintenance/repair.

WHAT'S IN THE BOX OF THE ATOM 2 SV:

- > 1 Atom 2 SV
- > Protective bag
- > User manual
- > MT Helmets sticker

