



DATA SHEET
MX SPEED

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MX SPEED

MX SPEED represents the last generation of off road helmets by Suomy. Developed and optimized on the most famous MXGP world championship tracks and insidious terrains of the Rally World Championship, it's the materialization of everything that professionals and off road lovers can ask for adventures made of mud, dust and adrenaline.

MX SPEED is available in two different shells. Made of tricarboco, with ergonomic and dynamic shapes, it's the result of in-depth studies on track with the best off road riders. Innovative helmet also thanks to the improved dimensions of the window which, besides ensuring a wider field of vision, allows to house all the last generation goggles.

MX SPEED is synonymous of safety, thanks to MIPS Brain Protection System technology, which reduces rotational motion by absorbing and redirecting rotational energies and forces transferred to the brain from angled impacts to the head.

SHELL

Shell made of TRI-fiber composite that allows to get a lighter shell but, at the same time, a more protective.

The outer shell, made of tricarboco fiber, a mix of kevlar, carbon and fiberglass with different weights/breaking loads linked up; loads, linked up with aramid resins ensures a lighter, harder more safety and impact resistant shell

To satisfy even the most demanding and professional riders, MX SPEED is made in 2 different shells: M and L.

PROTECTIVE POLYSTYRENE

The internal polystyrene is made of 2 different sizes (M and L) to obtain the best ergonomics with different thickness. This characteristic allows a gradual and progressive absorption of the impact force generated by an impact. Although most of the energy due to an impact is absorbed by the outer protective shell due to its deformation, the role of polystyrene is decisive for the absorption of residual energy. A different density of the same polystyrene allows to optimize the mechanical performance of the shell-polystyrene complex, ensuring the maximum degree of absorption in all areas of the helmet itself.

MX SPEED is equipped with MIPS, developed in Sweden that reduces rotational motion by absorbing and redirecting rotational energies and forces transferred to the brain from angled impacts to the head.

VENTILATION

The air intakes are designed to increase internal comfort, the air flow is channeled into the inner shell through 4 large front openings protected by solid metal meshes. The internal polystyrene and comfort liners have been optimized to work in symbiosis with the large air intakes. The particular grooves, made on polystyrene, allow the incoming air flow to have optimal ventilation inside the helmet and, at the same time, a quick exhaust of the hot air flows coming out from the rear air intakes.

INNERS

Inner liner and cheek pads are removable, washable and replaceable.

They are in precious bielastic fabric with specific fibers that offer the following characteristics:

- Rapid flow of moisture
- Maintaining optimal temperature
- Light, soft and breathable fabric

RETENTION SYSTEM

The retention system used is the "Double D-Ring" in light alloy.

PEAK

The peak has an elongated, protective profile and it is easily adjustable to multiple positions without using tools. The screws are made of metal.

MASK FIT

The perimeter of the window is designed to offer a wide field of vision and at the same time provides a comfortable housing for the most 'different types of motocross goggles.



- Shell made of TRI-fiber composite
- Protective polystyrene in 2 sizes
- Optimal ventilation for additional comfort
- Interior in BIELASTIC fabric and removable cheek pads
- Double D-RING retention system
- The peak it's easily adjustable
- Mask Fit that allows a wide field of view



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TECHNICAL FEATURES

Certifications:	ECE - DOT - JIS - CCC - NBR - CHASS - CNS
Commercial name:	SUOMY MX SPEED
Description:	PROTECTIVE OFFROAD HELMET
Materials:	Shell: TRICARBOCO FIBER-CARBON-ARAMIDIC Polystyrene: POLYSTYRENE IN TWO DIFFERENT SIZED(M and L). Peak: REMOVABLE AND ADJUSTABLE PEAK, WITHOUT ANY TOOL
Retention system:	DOUBLE D-RING, STRAP NYLON 24 mm
Rotational energy reduction system	MIPS
Approx weight:	1100 ± 50
No. of shell:	2
No. of polystyrene:	2

CHART FOR SIZES AND FEATURES:

SHELL SIZE	M			L		
EPS SIZE	M			L		
END USER HELMET SIZE	XS	S	M	L	XL	XXL
CIRCUMF. CM	53-54	55-56	57-58	59-60	61-62	63

NOTE

All information and features in this data sheet are valid only for the current helmet version in compliance with the mentioned homologation.

These features can be changed in case of new homologation requests and/or extension of the current ones.

All the SUOMY products are constantly subject to a continual improvement process, that's why SUOMY reserves the right to make changes, without prior notice, to the products object of this technical sheet.

It is therefore not possible to exercise any rights on the basis of the information, illustrations and descriptions contained in this technical sheet.



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