



RX-7V

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The RX-7V represents the summit of Arai's knowledge, experience and know-how in helmet technology. With a completely new PB-SNC² outer shell, the revolutionary VAS ("Variable Axis System") visor system and a significant increased smoother area around the temples, the RX-7V offers the new benchmark in the premium helmet segment. From the also new Eco Pure liner with an even slimmer frame, to the new ducts, improved diffuser and the integrated Air Channels, every part shows the attention to detail that is so typical for Arai. Arai has continually improved the "glancing off" performance by learning from real scenarios. Thanks to the new stronger and smoother shell and VAS, the RX-7V is closer to the ideal helmet shape than ever.



PB-SNC²

New resin for improving adhesiveness between each layer of fiber. Stronger outer shell. Approximately 30g weight saving.



Ventilation

The combined systems offer excellent and efficient ventilation. The new top duct provides 11.1% more airflow, with bigger switches for effortless operating. The Air Channel guides air from the eye port area to the side ducts. The new diffuser is 20 mm longer with improved aerodynamics, and 19% larger intake scoops, both work together with the Air Wing to improve stability. The chin cover blocks air intrusion and draws more air from the mouth area.



New form

The new design continues to benefit from that focus and delivers Arai's smoothest shell shape. The benefit is to improve glancing off ability. VAS lowers the visor holder, and therefore lowers the visor mechanism below the test line, allowing for a smoother shell and better impact performance.



More chin room

The result of a newly design outer shell, there is now almost 3mm of extra face/chin room.



New Shield Lock System

Borrowed from our F1 helmet, completely modified 3D moving new shield lock mechanism secures the shield like never before, but operates smoothly with an intuitive fluid - one finger operation - even with gloves.



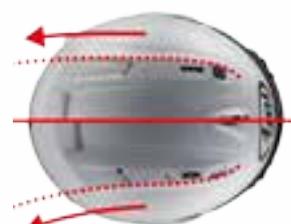
New Shield System

VAS: Variable Axis System allows the shield to travel in an arc, allowing a lower and more compact visor mechanism, not only improves helmet performance for rider protection but also allows easier shield changes with more intuitive design.



New interior

Thinner frame materials and redesigned frame connection points make the latest interior comfort head liner even more comfortable. Stress joints allow the liner to flex and even separate in necessary so as to not interfere with the helmets impact energy management properties/performance.



New diffuser

20mm longer to increase airflow efficiency as well as improve high speed aerodynamics. Larger front intakes with intake shutters that better seal for a more aerodynamic effect when closed. Trailing sides of the diffuser body streamline airflow to improve stability, drag and wind noise.



Five times inspected

Each Arai helmet goes through five separate quality-control departments: after the shell is made, after painting and graphic completion, after assembly and two in-process inspections.



Washable interior

The premium quality interior of any Arai helmet can be easily cleaned, in place, with mild soap and lukewarm water



Handmade

It can take up to five years for our experts to earn the right to create an Arai shell. Each shell can take up to 27 steps and to build one Arai helmet will take about 18 man-hours.



All-day comfort

All-day comfort with the Arai interior fit and shape together with the finest liner materials and the extensive ventilation system. And thanks to the perfect balance and weight distribution of the helmet, you hardly notice you are wearing an Arai.



Penetration tested

All Arai helmets are penetration tested, (except Freeway-2, Penta, Astro-Light and VX-Pro Jr) although not required by European helmet standards. The Arai penetration test is performed with a 3kg test cone that strikes from a height of 3m on the helmet.



Double-D ring device

The flat and D-shaped rings fit smooth against the chin. No moving parts, no corrosion problems and just pulling the tab is enough to loosen the fastener.



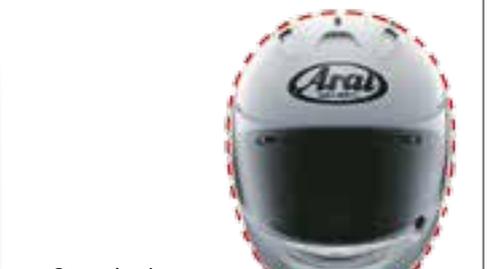
Rounder, smoother, stronger shell

The outer shell of Arai helmets is designed to glide without unnecessary resistance. You don't want to decelerate your helmet more than necessary. That's why all Arai vents and ducts are designed to break off during an impact.



Stronger outer shell, softer inner shell

Arai uses a stronger outer shell to spread impact forces and a softer inner shell to absorb remaining energy. The multiple-density EPS inner shell is made using a unique technology of combining three to five densities in various areas as a single component.



Organic shape

The organic shape of an Arai outer shell offers a more natural appearance, seals better and conforms more to the head's natural shape for improved comfort, fit and to help minimize wind turbulence.



5-year limited warranty

All Arai helmets are warranted against defects in materials and workmanship, and are serviceable only for the properly fitted first user for 5 years from date of first use, but no more than 7 years from date of manufacture.



Different outer shells

Unlike many other manufacturers Arai provides one size outer shell for each two-helmet sizes for most models. Together with different shaped outer shells for different models it is almost impossible not to find the fit you are looking for.



Arai In-house test

This Arai helmet is designed to meet the stringent Arai In-house standard requirements, in addition to mandatory standards such as ECE 22-05.