

A Philosophy Built on Decades of Experience

Founded in 1937, Arai Helmet Limited. has been led by three generations of the Arai family, each of them an enthusiastic, passionate rider.

The company is in continual pursuit of optimizing helmet design based upon the evaluation of decades of research and development.

Arai knows that a helmet must not only perform, but excel, in circumstances and situations outside the criteria of those in acknowledged laboratory test standards.

A rider, moving at a moderate speed, could experience impact energy levels more than 12 times the testing speed of the strictest helmet test standard in the world .

In actual accident situations, the ability to glance off objects to disperse impact energy, in addition to absorbing and distributing impact energy, plays a very important role in helmet performance.

Arai uses the R75 Shape concept for our shell construction, which mandates a rounder, smoother, and stronger shell- thus enhancing the ability of the helmet to both disperse and distribute impact energy.

Rounder, Smoother & Stronger Shell

R75 SHAPE



www.AraiAmericas.com

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Riders' passion expressed in helmet design



**FIGHTING SPIRIT
OF VICTORY**

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**THE BIRTH OF THE
VX-PRO 4**



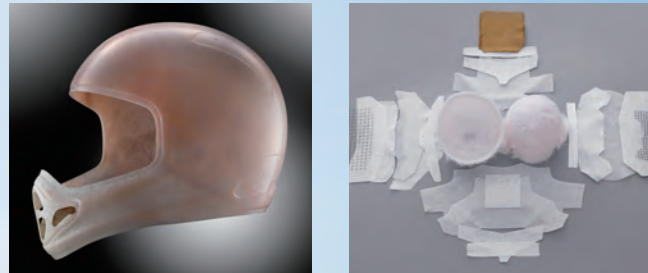
SHELL SHAPE

The shell itself is consistently round and smooth, maintaining the R75 Shape concept in areas above the acknowledged test line, and influencing those below the test line. Here, the rounded chin bar maintains the same compact shell length with the previous model, the VX-PRO³. The result is less protrusion, which has proven to be less likely to catch and dig-in during a spill.



SHELL MATERIAL

In order to maximize performance, we precisely assemble the shell from multiple proprietary components. Super Fiber, one of the primary materials, costs up to six times more than standard fiberglass, but provides 30% higher tensile strength and increased penetration resistance. The cLc (complex Laminate construction) method demands precise and time-consuming assembly by master craftsmen from many individual pieces. Even though the bare shell is not visible after paint and final assembly, each one exemplifies the experience and the dedication of the entire Arai family.



CHIN-BAR VENT GRILL

Installed on the uniquely rounded chin-bar, the stainless mesh grill is now mounted from the outside under the exterior vent cap, and can be easily removed for cleaning or damage replacement. The vent cap is also designed to break away from the chin bar in the event of impact.



AIR-THROUGH DUCTS

The new Air-Through construction of the top front vent and top rear vent covers as well as the side-port air ducts are designed to offer greatly improved ventilation efficiency, and are easier to clean and maintain than those on the previous VX-PRO³ model.

VX-PRO⁴

Riders' Passion Expressed in Helmet Design

THE SINGLE MOST IMPORTANT ROLE OF A HELMET IS TO PROTECT YOUR HEAD. The VX-PRO⁴ helmet design continues Arai's unique and basic principle known as the "R75 Shape concept" while at the same time offering a more aggressive look, loaded with functional features that will not distract the rider's concentration during competition or recreational riding.



Design

The design of the new VX-PRO⁴ maintains the R75 shape concept in the areas above test line. Even on the chin-bar, which is below test line, the round, smooth and strong design continues with Arai's unique rounded shape. This rounded shape, combined with a compact chin bar, reduces protrusions and fixed edges that are much less likely to catch or dig-in in an impact.

The shell is constructed according to Arai's unique cLc (complex Laminate construction) design. The main material is Arai's exclusive Super Fiber, which provides exceptional tensile strength and elasticity that not only passes but exceeds the stringent Arai in-house test standard. And each and every shell is entirely made by hand by dedicated craftsmen.

Strength

REAR DUCT

The Air-Through top rear duct center brace also functions as a goggle strap locator. The diffusers can be removed or replaced quickly and easily by removing a single screw on the rear duct center brace.



GOGGLE STRAP LOCATOR

The Goggle Strap Locator keeps the goggle strap in position even during aggressive, competitive riding. The new top rear duct center brace, together with the side port cowlings, also assist in keeping the strap in position on the side and back areas.



NEW PEAK

The new peak is 14mm longer and 5mm wider than the previous model for improved ability to deflect roost and flying debris. To compensate for increased lift, the air outlets on the new peak have been made larger as well.



REMOVEABLE NECKROLL

The all-new Removable Neckroll allows easy and convenient cleaning of the helmet.

