



There is a difference



2019

COLLECTION

THE CONSISTENT PURSUIT OF GAINS IN PROTECTION

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araihelmet.eu

THE ARAI DIFFERENCE

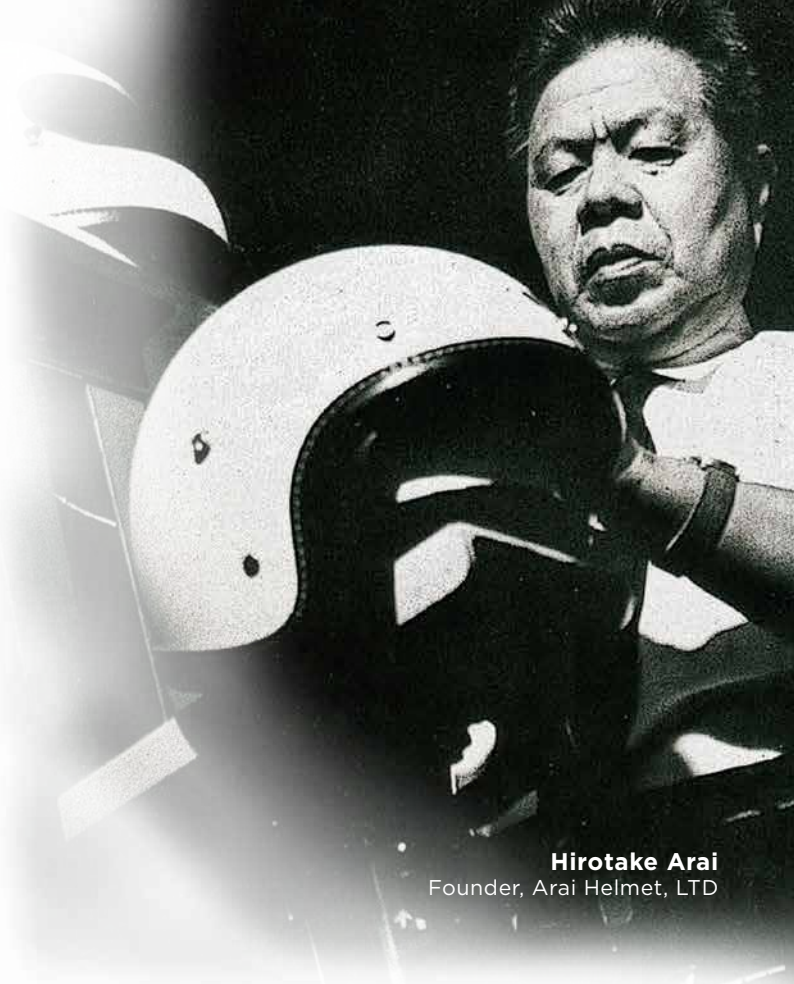
To my fellow riders,

From the very beginning helmets have been much more than just a business for Arai. Started from a need for self-protection, evolving into a pursuit of always improving, even if only by small increments.

Function over style, performance over profit; these have been the guiding principles of Arai for more than 6 decades.

Family owned, the value Arai puts into protection is shared by the people who build the helmets. Great pride in the Arai name and performance is held by all who have a hand in the creation of every helmet.

There is always some room for more protection in any helmet - even if just a little - and Arai's experience has shown that even small improvements can add to an already proven design, increasing performance, even if just a little. Nobody knows how much each small increment can do and some may not be readily visible or definable individually, but our nature has been driving us to go after these opportunities year after year. The accumulation of many such small improvements over time can show remarkable results, even beyond our expectations.



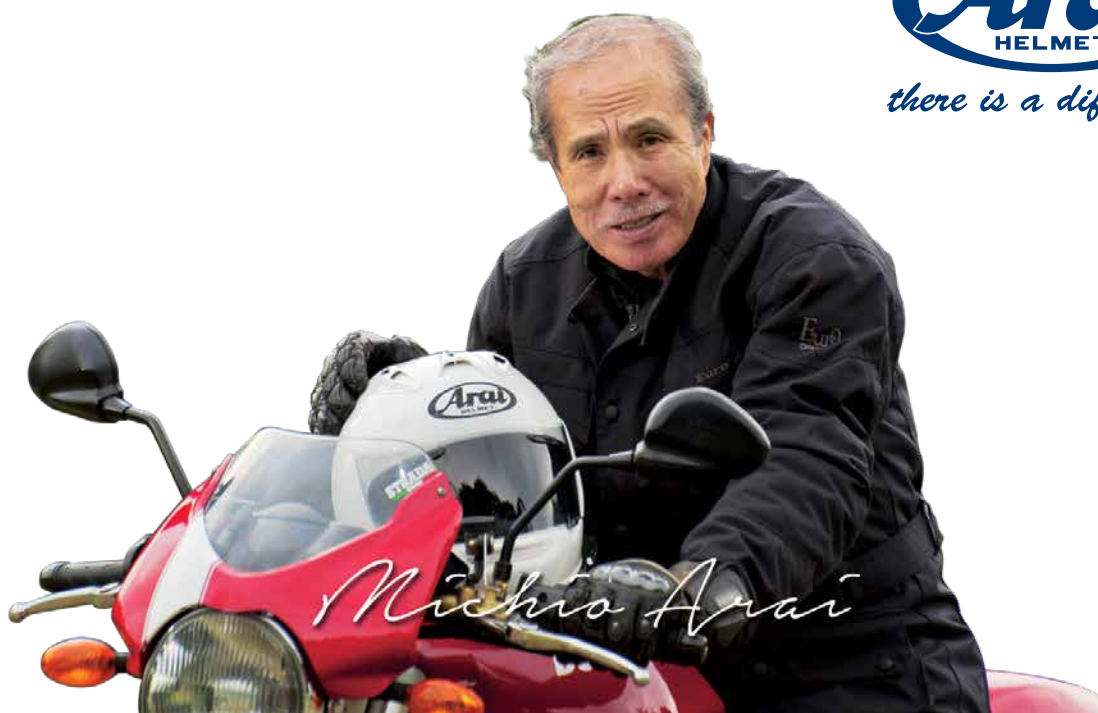
Hirotake Arai
Founder, Arai Helmet, LTD

Such efforts may not deliver much profit in the short term, but Arai is not in business for the short term.

When considering a new helmet, we want riders to consider the motivation of the company designing and the people building the helmets they trust with their head.



there is a difference



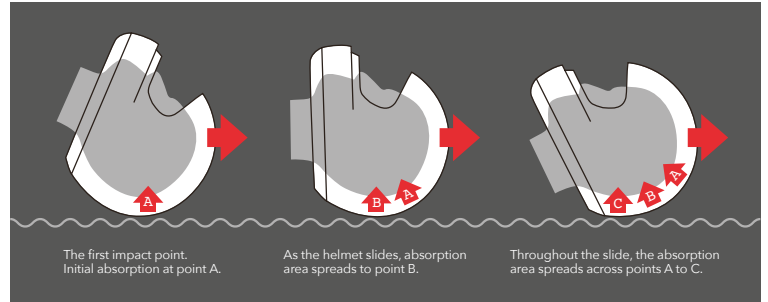
Michio Arai
Owner and CEO of ARAI HELMET, LTD.



HIGH ENERGY-ABSORBING LINERS ARE DESIGNED TO MAXIMIZE THE PERFORMANCE A ROUNDER, SMOOTHER AND STRONGER SHELL.

Arai developed the one-piece, multidensity liner to maximize impact energy absorption in

all areas of the helmet, while keeping the size as small as possible. Depending on the location of an impact, the area that absorbs the impact energy can be very limited. A one-piece liner, integrating different densities according to the volume and position of each given area, allows Arai to make the shell shape more like a human head and enables the development of a compact shell structure.



KINETIC ENERGY.

The kinetic energy can be absorbed by distributing it over a wider area, as the rounder and smoother shell Glances Off surfaces or obstacles.

ADVANCED GLANCING OFF CAPABILITY.

Impact energy can be discharged if the head can keep moving. The basic structure of the human head can be roughly divided into three components: scalp, skull, and brain. The role of a motorcycle helmet is to minimize and manage impacts to the brain. Laboratory impact test standards vary somewhat, but generally all define shock absorption levels. Those levels are tested by dropping a helmet with a steel head form from a predetermined height onto a steel anvil. The G meters within the head form measure the G forces sustained in these drop impacts to verify the impact absorption performance. Standards such as Snell set the test criteria quite high to obtain certification approval. Under impact, the helmet acts as a buffer, the outer shell displaces the energy, and the inner liner absorbs the energy as it crushes, slowing the impact speed.

**Racing technologies
integrated into every
Arai helmet.**

**KEEP SMOOTHER AND ROUNDER
WITHIN THE TEST AREA.**

Through decades of experience, Arai has developed a helmet comprised of numerous details that work together to improve the protective capacity of the helmet. Arai believes that movement of the head allowed by Glancing Off helps divert impact energy. Throughout its long history, Arai has always tried to make helmets rounder, smoother, and stronger to protect against potential impacts with energies above those of the standard – and even above what a helmet might be able to deal with directly.

However, even at Arai there are limitations to how round and smooth a helmet can be due to the restrictions of a single-pivot- shield mechanism. The geometry of previous shield systems requires a high pivot position. This high pivot point falls across the test boundary lines at the left and right temple area. The shield is attached to the helmet with a mounting/pivot mechanism. To maintain a smooth/flush transition from shield to shell, the shell area where this mechanism attaches must have some depression or recess. Variable Axis System (VAS) is a completely new shield system with a mechanism invented with the sole purpose of minimizing this intrusion, allowing the shell to be made smoother. The new smoother shape is the next generation that aims to further improve on the original mission.

EVOLUTION OF THE RX-7V: The world's first shield system to get so close to the ideal shell form.



WHAT IS GLANCING OFF AND WHY IS IT SO IMPORTANT TO ARAI?

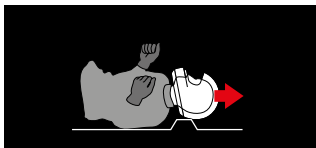
The role of a helmet is to protect the human head from impact energy. However, the capacity of impact absorption of any helmet is limited, regardless of brand or design. If a helmet can continue moving forward during an impact, some direct energy can be avoided. That is Glancing Off.

DIFFERENCES BETWEEN A LABORATORY TEST AND STREET SCENARIOS.

At the moment of impact, the helmet stops momentarily, and the outer shell distributes the energy to the soft inner liner. The inner liner acts like a buffer, absorbing the energy as it crushes and thereby slowing the impact speed. Upon post-test examination, the laboratory test helmet reacts differently than one in an actual accident, even though the test is performed in a carefully controlled environment. The world's most strict standard, Snell, has a top speed at the point of impact of less than 28 kph. The kinetic energy, however, of a moving object increases in proportion to the square of the speed. Therefore, a street rider traveling at the legal limit can carry more than 10 times the amount of kinetic energy of the toughest standard in the world. No helmet, regardless of brand or design, can be expected to manage such energies.

GLANCING OFF MEANS KEEPING THE HELMET MOVING TO MINIMIZE IMPACT ENERGY.

A helmet can experience countless types of impacts via an infinite combination of size, direction, speed, and energy. Impact energy can be minimized by keeping the helmet moving. By sliding past the impact, the helmet does not have to absorb as much direct energy – an “Exchanged Performance” (glancing exchanged for impact absorption). Arai's focus on Glancing Off enhances this Exchanged Performance to maximize the capacity of the helmet in street scenarios.



When you depend on sliding to scrub off energy, a stronger, smoother shell is critical and will glance off obstacles more easily with less rotational force.



Exaggerated shell shapes that address ventilation or aerodynamics may reduce a helmet's ability to avoid digging in or snagging that may allow more impact energy into the helmet or may cause high rotational force.



Weaker shells may deform on impact, possibly catching on obstacles or reducing their ability to slide over uneven surfaces.

FOCUSING ON GLANCING OFF TO PROTECT THE RIDER'S HEAD.

Knowing there are limits to how much energy a helmet can absorb, the ability to minimize that energy by Glancing Off makes it possible for the helmet to deal with more direct energy. To achieve this, a rounder, smoother, and stronger shell is needed. Arai believes that Glancing Off is crucial to the energy-absorbing performance of a helmet. That's why Arai continues to develop and enhance its helmets' Glancing Off capabilities. Only Arai takes this positive position on Glancing Off and actively practices its ongoing development.



FORM: A DESIGN THAT DOESN'T DETRACT FROM GLANCE-OFF CAPABILITIES.

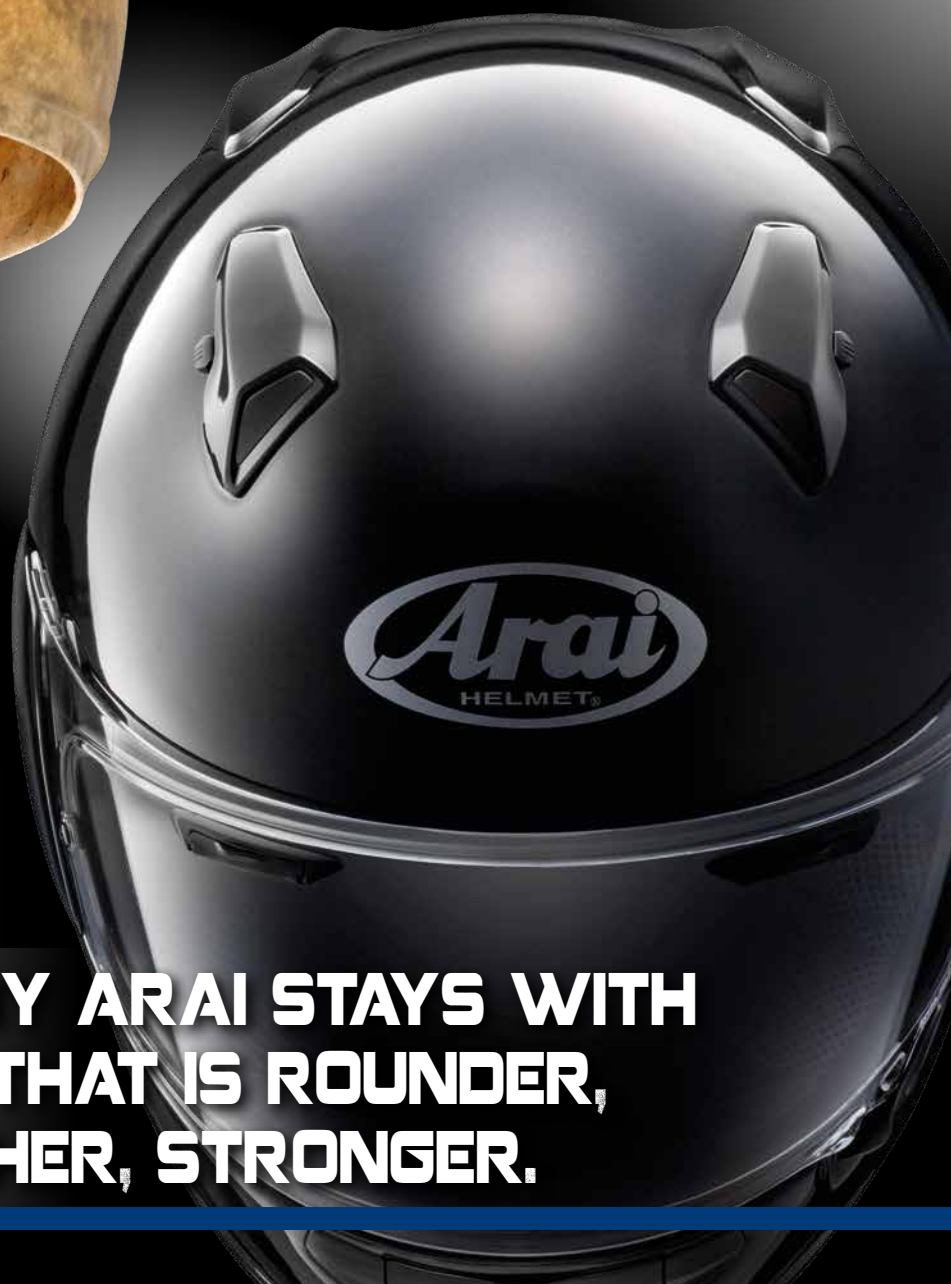
Arai focuses on – and maximizes – Glancing Off as a key design consideration. If a rounder, smoother shell can divert energy by sliding before using any absorption capacity, even large energies can be reduced, and some of the limited energy-absorption capacity can remain in reserve. To Arai, “Glancing Off” is as important as energy-absorption performance.



SHELL: A STRONG SHELL TO ENHANCE GLANCING OFF.

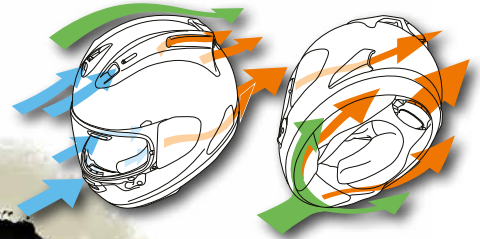
A strong shell is necessary to maintain shape, so as to not catch on an obstacle and deform, allowing energy to enter the helmet. The glass fibers used in Arai shells can cost as much as six times that of standard fiber-glass. The proprietary AR mat features specific gravity, rigidity and elastic properties that deliver a 30% lighter shell. More than 20 different materials, such as high-strength organic fibers, are carefully selected. Molded by skilled craftsmen who assemble each shell, one by one, the PB-SNC² and PB-CLC shells utilize the Super Fiber Peripheral Belt to further improve shell rigidity.

**GLANCING OFF IS JUST AS
IMPORTANT AS IMPACT
ABSORPTION PROTECTION.**



**THAT IS WHY ARAI STAYS WITH
A SHELL THAT IS ROUNDER,
SMOOTHER, STRONGER.**

CARBON COMPOSITE
RX-7V RC



【技】 WAZA : *Craftsmanship. A true artisan's skill and technique, elevated to art.*

The Arai RX-7V RC. Born, not made.



Without doubt the Arai RX-7V RC is the pinnacle of helmet technology. Painstakingly hand build by master craftsman to create a superb helmet in which all the Arai know-how, experience and years of development has been brought together. From the VAS (Variable Axis System) technology that offers a significant larger and smoother shell area above the SNELL test line greatly improving the important helmet glancing off performance, to the meticulously applied layers of precious carbon fibre, it all adds up to a truly superb helmet.



RC-Shell



VAS V MV Visor



Chin curtain



Antimicrobial liner material



Full support interior

Available sizes: XS-XL



The Arai RX-7V. Born, not made.

【匠】TAKUMI : *An expert. A master craftsman dedicates time to his creations and takes pride in his work.*

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 significantly increased smoother area around the temples, the RX-7V offers the new benchmark in the premium helmet segment. From the also new Antimicrobial 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.

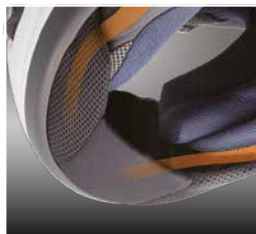
Available sizes: XS-XXXL



PB SNC² Outer Shell



VAS V MV Visor



Chin curtain



Antimicrobial liner material



Full support interior



Black



White



Frost Black



Diamond White



Diamond Black



Dyno
Fluor Yellow



Dyno
White (matt)



Maze Red



Maze Black
(matt)



Hayden Laguna
(Shown on different shell)



Spencer
40th Black



Viñales 25



Spencer
40th Red



Spencer
40th Silver



Doohan Jubilee



Nakasuga-2



Pedrosa
Spirit Gold



Pedrosa
Spirit Blue



Leon Haslam



Haslam
(matt)



Hayden
WSBK



Doohan TT



Mamola Edge
Red



Mamola Edge
White



Kenny Roberts
Yellow



Rea



Schwantz
Design



Nakagami GP

**THE CONSISTENT
PURSUIT OF
GAINS IN
PROTECTION**



Giugliano



Nakano



Scope
Grey (matt)



Kiyonari



Scope
White



Honda
HRC



Honda
RC30



Honda CB
Black



Honda CB
Red



Honda CB
Grey (matt)



The Arai QV-PRO. Take me anywhere.

【心】 KOKORO : *The soul. The intensity of a mind and heart filled with passion.*

The QV-PRO is nothing less than an ultimate sports-touring helmet. It features the advanced VAS technology of the RX-7V and even shares basically the same outer shell, but with different ventilation. This rounder, smoother and stronger shell with an intermediate oval fit offers the important "glancing off" properties needed for superior helmet performance at real world impacts. The QV-PRO features as the second model in line, the VAS (Variable Axis System) visor pivot system that offers a larger smoother and stronger outer shell area. From the very early start, the QV-PRO has been designed as the ultimate all-round helmet with the advanced technology of the RX-7V, but also answering to the demands of the very large segment of sports-touring riders. The QV-PRO comes standard with the PSS visor, the all-weather solution against fogging, misting and sun-glare.



PB-cLc² Outer Shell



VAS V MV
PRO Shade system



5mm "Peel Away"



Antimicrobial liner
material



Speaker pockets



Frost Black



Diamond White



Diamond Black



Fluor Yellow



Drone
Black (matt)



Drone
Fluor Yellow (matt)



Drone
Red



Carve
Red



Carve
Black



Diverge
Blue (matt)



Triple
Black (matt)



Diverge
Green (matt)



Charged
Yellow
(matt)



Charged
White



Charged
Blue



Honda Gold Wing
Blue



Honda Gold Wing
Red



Honda Gold Wing
Grey (matt)



**FUNCTION
OVER STYLE,
PERFORMANCE
OVER PROFIT**



The Arai Chaser-X. Chase the roads.

【匠】TAKUMI : *An expert. A master craftsman dedicates time to his creations and takes pride in his work.*

Chaser-X is the third Arai helmet that makes use of the new VAS (Variable Axis System) technology that offers a significant larger and smoother shell area above the SNELL test line greatly improving the important helmet glancing off performance. The Chaser-X makes use of an also completely new ventilation system derived from the RX-7V, instantly recognizable by the large, single intake duct on top of the helmet. This Top Ventilation System is derived from the RX-7V diffuser system. The replaceable interior is lined with an anti-microbial fabric. The Chaser-X features FCS (Facial Contour System) and a fixed, non-retractable mini chin cover. The chin vent is also new, while the Formula One developed visor lock system is the same as used on the RX-7V. All Chaser-X helmets come with a standard Max Vision visor with a Pinlock inlay lens separately packed in the box.

Available sizes: XS-XXL



VAS Shield system



Penetration tested



Antimicrobial liner material



Shield Latch System



FCS (Facial Contour System)



Diamond White



Diamond Black



Frost Black



Pace Grey



Pace Red



Sensation Yellow (matt)



Sensation Red (matt)



Sensation Blue (matt)



Cliff
White



Cliff
Black
(matt)



Xenon
Red



Xenon
FluorYellow



Style
Black



League
UK



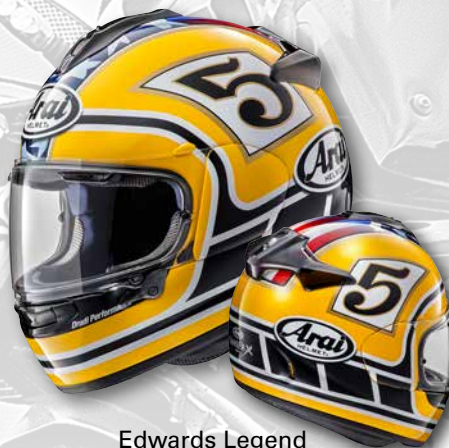
League
Italy



Striker
Frost Black



Striker
White



Edwards Legend
Yellow



Edwards Legend
White



Take-Off
Red



Take-Off
Yellow (matt)

**FUNCTION
OVER STYLE,
PERFORMANCE
OVER PROFIT**



Classic TT



Navy
White (matt)



Navy
Black (matt)



Schwantz '95



Hutchy TT



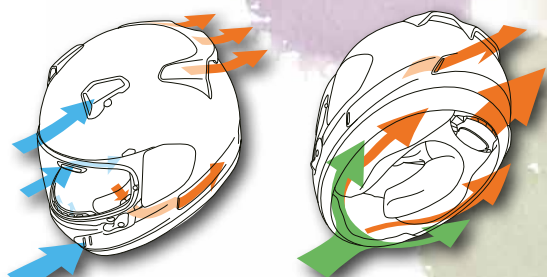
Hayden



Doohan TT



Maverick GP
(matt)



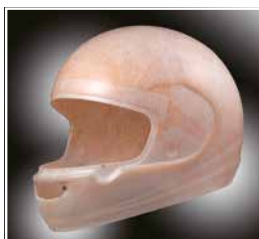
The Arai Renegade-V. Cruise in comfort.

【心】 KOKORO : *The soul. The intensity of a mind and heart filled with passion.*

One of the distinctive features of the Renegade-V is the characteristic frontal view of the helmet. The chin area is designed and shaped to resemble the look of a rugby player or a martial artist. But the chin bar's aggressive design is not only for looks, it also increases the shell strength in this area. There are four slots to be found on the front of the helmet, and another total of four slots on the sides and back. All contributing to a highly effective ventilation and therefore great comfort. The side ducts remove hot air from the interior, through integrated air channels behind the cheek pads. For added comfort the four ventilation slots in the front may be opened and closed with a slide shutter on the inside. The surface of the EPS cheek pad material is treated with a noise reducing foam. This keeps the helmet quiet when the inside air passes through the air channels. The chin curtain reduces the amount of air entering the helmet. If a rider wants an even quieter ride, the optional replaceable chin cover can be mounted. The top ducts have been designed for an upright riding position, as is usual for cruiser and naked style bikes. A super fiber belt is integrated into the shell, for increased strength in the area above the eye port. An important feature for riders who demand increased protection. The Renegade-V was designed and made for riders who insist on Arai protection while enjoying their cruiser or naked motorcycles.



Inner air channel
(Two-Piece)



SFL² Outer shell



Variable Axis System
(VAS)



Antimicrobial liner
material



Speaker pockets



Black



White



Frost
Black



Frost Gun
Metallic



Modern
Grey



Dragon



Fury
Orange (matt)



Fury
Silver



Shelby
Black

(Small alterations on design are planned)



Shelby
FluorYellow

(Small alterations on design are planned)



Outline Black
(matt)



Outline
Red



Outline
Blue



Outline
Black-Purple



Outline
Cherry-Red



Diablo Red
(matt)



Diablo Yellow
(matt)

NEW 2019



The Arai Profile-V. Welcome to our world.

【迎】GEI: *A warm welcome. An invitation to experience the difference of our helmets.*

The Profile-V is a brand-new helmet from Arai. It has a fresh, aggressive style unique in the range and is designed to welcome riders to the Arai family with the plush comfort, protection and features expected of the brand but also something else – easy access on and off. Like every Arai the Profile-V uses a strong outer shell designed to glance off impact forces, while maintaining integrity, working with a softer one-piece multi-density EPS inner liner to absorb and spread impact energy. It's designed around the Variable Axis System (VAS) for a smoother shape plus reinforcing Hyper Ridge that lowers the centre of gravity and flares out 5mm to make putting it on or off easier. It's equipped with dual intake vents, brow vents and a 3-way chin vent plus five exhausts. The VAS-V MAX vision visor is Pinlock ready and uses our F1-derived latch mechanism; the semi-removable interior features Facial Contour System (FCS) and speaker pockets. The optional Pro Shade System (PSS) can be equipped. The Arai experience starts here.

Available sizes: XS-XXL



PB e-CLC Outer shell



Variable Axis System (VAS)



5mm wider Base



Semi-Removable interior



Facial Contour System (FCS)

PROFILE-V



Black



White



Frost Black



Modern Grey



Tube Red
(matt)



Tube Fluor Yellow
(matt)



Copy Black
(matt)



Copy Fluor
(matt)



Bend White



Bend Yellow



Bend Red



**FUNCTION
OVER STYLE,
PERFORMANCE
OVER PROFIT**

NEW 2019



[心] KOKORO : *The soul. The intensity of a mind and heart filled with passion.*

The Arai SZ-R VAS. Open for any ride.

The SZ-R VAS is the new open-face helmet from Arai, with an advanced shell using our latest VAS design, improving the protection and glancing off ability in a critical area. With a revised visor, the option to fit a PRO Shade and featuring RX-7V diffuser technology and an updated interior, which improves fit and comfort. The new SZ model is also ready for the addition of speakers and/or use of glasses.

Available sizes: XS-XXL



PB-cLc² Outer shell



Position of the holder



Multiple-density
EPS inner shell



Antimicrobial
Liner material



PRO Shade System
(optional)



Diamond White

Diamond Black

Frost Black

Frost White

Modern Grey

Harada Tour Black

Harada Tour White

Pedrosa Spirit



PROSHADE
SYSTEM

Optimiere jeden Arai Helm für jede Fahrt

SZ-F

CT-F
cruise touring



SZ-F Diamond Black



CT-F
Honda Gold Wing Red



SZ-F
Diamond White

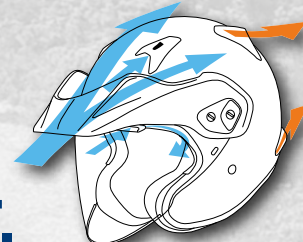


SZ-F
Frost Black



CT-F
Honda Gold Wing Blue

CT-F
Honda Gold Wing Grey



The Arai SZ-F. Premium open face.

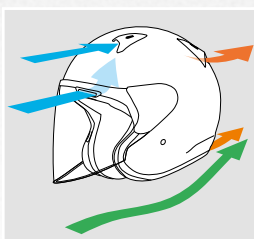
The SZ-F is the perfect choice for commuters and touring riders alike. The large visors offers ample weather protection while the comfort and fit make even long hours in the saddle effortless. The SZ-F offers an efficient ventilation system with multiple air intake and exhaust ducts. Replaceable cheek pads make a custom fit possible. Properties that have made the SZ-F a long-time favourite among riders looking for all-day long comfort.

The Arai CT-F. Extend your freedom.

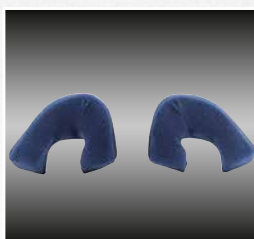
More protection, more comfort and a better fit thanks to extended lower sides. But all this without affecting that feeling of freedom and the excellent view only an open face helmet can offer. First thing you notice on the CT-F is the revolutionary new adjustable aerodynamic peak. The challenge was to design a peak with excellent aerodynamic properties, yet offering efficient protection against sunlight and offering a stunning look. The Arai engineers succeeded to combine these requirements brilliantly.



Eye brow ventilation



Effective ventilation



Replaceable ear cups



Aerodynamic peak
(CT-F)



Extended sides (CT-F)

Available sizes: XS-XXL

FREEWAY Classic



Black



Frost Black



Halo Black
(matt)



Halo Grey
(matt)



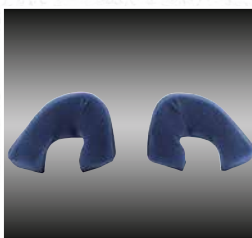
Halo Orange
(matt)

The Arai Freeway Classic. Cool retro helmet.

The Freeway Classic fulfils the fundamental functions of a motorcycle helmet for those who like to take it easy and experience the world around them to the fullest.



Leatherette interior
accents



Replaceable ear cups



Goggle strap band

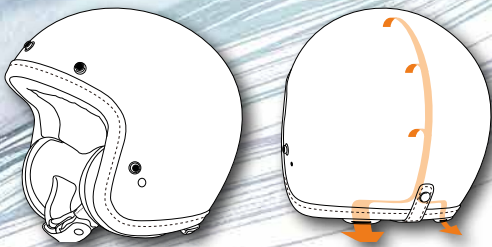


Bandage Green
(matt)

Available sizes: XS-XXL

URBAN-V

NEW 2019



The Arai Urban-V. Look cool. Stay cool.

【道】 MICHl : *The path. A philosophy that points out the way to our goal of protection, and the ultimate helmet.*

The new Arai Urban-V open-face helmet blends classic style with cutting-edge Arai protection, comfort and ventilation technology. It's a classic retro-style open-face helmet rich in period details like traditional stitched faux leather edge trim and interior accents. Though packed with modern technical features that enhance comfort and protection, like a stronger outer-shell silhouette and a (hidden) interior ventilation.



PB-cLc² Outer Shell



Hidden multi-stage
air channel



Split-Crown Pad



Interior integrated
intake channels



Twin Venturi
Exhaust Ports

Available sizes: XS-XXL



Frost Black



Black



Modern Grey



Frost Gun Metallic



Blitz Black (matt)

(Small alterations on design are planned)



Blitz Copper (matt)

(Small alterations on design are planned)



Blitz White

(Small alterations on design are planned)



Era Brown
(Shown on different shell)



Era Blue
(Shown on different shell)



Era Black
(Shown on different shell)

**FUNCTION
OVER STYLE,
PERFORMANCE
OVER PROFIT**

PENTA PRO



White + rock guard



Black + rock guard



Black



White

The Arai Penta Pro. Trial Competition.

Thanks to its light weight, comfortable fit and ventilation system the Penta has been a long time favorite of professional and dedicated riders. The new PRO version will add additional safety performance to this popular model. The new Penta PRO trial helmet offers a clear, lightweight rock guard for additional protection. Due to its clever design, this chin bar minimizes obstruction of the line of sight. It is made of very strong, durable polycarbonate, adding protection against impacts that may be caused for instance by the handlebars. The FIM strongly recommends additional chin protection for trial riders, and made it compulsory by 2018 for Junior riders up to 16 years. The FIM also ruled that guards from other brands or third parties like accessory brands are not allowed.

Available sizes: XS-XXL

Clear, detachable
rock guard

Replaceable interior



Innovative peak



Larger ducts

Rounder, Smoother & Stronger Shell
R15
SHAPE

Tour-X4



The Arai Tour-X4. Ready for anything.

The Tour-X4 must be one of the most versatile helmets ever: adventure, grand touring or off road, and without the peak looks pretty good on a naked bike too! No matter the riding conditions, the Tour-X4 is ready for it. Can be used without visor with goggles, without peak but with visor, any way that suits you.

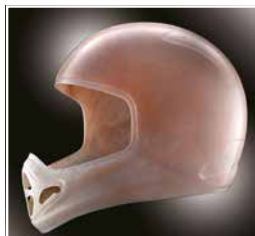
【技】 WAZA : *Craftsmanship. A true artisan's skill and technique, elevated to art.*



Innovative peak



5mm "Peel Away"



CFL Outer shell



Replaceable interior



FCS (Facial Contour System)

Available sizes: XS-XXL



Black



White



Frost Black



Depart Grey
(matt)



Depart Blue



Honda Africa
Twin 2018



Vision Red
(matt)



Vision Grey
(matt)

Tour-X4



Catch Blue



Catch Red



Break Orange
(matt)



Catch Yellow



Break Blue
(matt)



Break Red
(matt)

MX-V



Frost Black



White



Navy Blue
(matt)



Barcja-II



Combat



Sprint

The Arai MX-V. Ultimate off road helmet.

The MX-V evolved from the much loved VX-3 model. Years of experience can be found in this ultimate off road helmet. The perfect choice for MX, Enduro and Off-road use. Just as found in every Arai helmet, the basic and simple organic shell shape is based on the R75 Shape concept. The absence of exaggerated edges or protrusions on the shell is not a lack of creativity, but a commitment to maintaining the integrity of a rounder, stronger and smoother shell.

Available sizes: XS-XXL



Innovative peak



Mouth vent



ScLc Outer shell



Dry-Cool® liner



Goggle band
guidance



Hayden
WSBK

Machine

Pure

Day Blue

Day Red

Slash Blue

Slash Black (matt)

Slash Red



**FUNCTION
OVER STYLE,
PERFORMANCE
OVER PROFIT**



SZ-Light
(XXS)



Astro-Light
(XXXS-XXS)



X-Tend
(XS-XXXL)



VX-Pro Junior
(XXS)



RX-7V
(XS-XXXL)



QV-Pro
(XS-XXXL)

Additional sizes. Available in plain colours.

Arai provides one size outer shell for each two helmet sizes for most models, adding up to five outer shell sizes within limited models, as compared to others who may struggle to reach only three shell sizes. The advantage of using many outer shell sizes is that the inner liner and exterior shell can maintain a closer proportion to the head size inside, rather than padding out an outer shell that is too large for its actual size, avoiding the need to “over-pad” a large shell for a small head or “thin-out” the inner liner of a smaller shell for a large head. In both cases the result is a helmet that is not in proportion with the rider, offering a curious sight. Arai also offers extreme sizes as small as XXXS (Astro-Light) to as large as XXXL (RX-7V) offering a perfect fitting helmet for almost any head size, in addition to the many adjustable interior parts. And when even these different sizes are not sufficient, Arai is able to have the helmet individually modified to special requests by our craftsmen for a complete custom fit. The models in our additional size range are available in plain colours.



GP-6RC (Hans)



GP-6S



GP-6 PED



GP-5W



GP-J3



SK-6



CK-6

Arai Formula 1 drivers 2019:
Sebastian Vettel (Ferrari),
Daniel Ricciardo (Renault),
Pierre Gasly (Red Bull) and
Max Verstappen (Red Bull)

Car Helmets. Race tested.

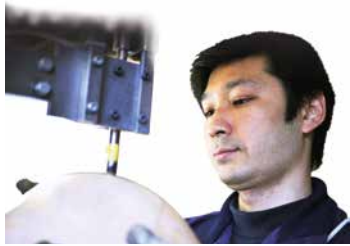
Arai has been at the forefront of car racing for many decades and to date, many of the world's top drivers competing in all 4-wheel racing disciplines from Formula 1 to WTCC wear our helmets.

**THE CONSISTENT
PURSUIT OF
GAINS IN
PROTECTION**

Arai General Features

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, 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.



Smooth shape, better protection

The smooth 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.



Strong outer shell, soft inner shell

Arai uses a very hard outer shell to spread impact forces and a soft 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 criteria, in addition to the mandatory ECE 22-05 standard.



Arai Features Overview

OVERVIEW HELMETS FEATURES

	RX-7V RC	RX-7V	QV-PRO	Chaser-X	Renegade-V	Profile-V	CTF	SZ-R VAS	SZ-F	Urban-V	Penta PRO	Tour-X 4	MX-V	Astro-light	SZ-Light	VX-Pro Junior
Outer shell construction	RC	PB-SNC ²	PB-cLc ²	CFL	SFL ²	PB e-cLc	SFL	PB-cLc ²	SFL	PB-cLc ²	SFL	CFL	ScLc	ScLc	SFL	SFL
Variable Axis System (VAS)	•	•	•	•	•	•		•								
Ventilation																
Free Flow System (FFS)	•	•	•	•	•											
Eyepoint air channel	•	•														
Inner Air Channel (Two-Piece)					•											
Hidden multi-stage air channel										•						
Front ventilation																
Center top vent - intake	•	•						•					•			
Center top vent - intake and exhaust				•												
Dual intake			•		•	•	•		•			•		•	•	
Diffuser system	•	•						•								
Standard brow vents**				•	•	•		•	•			•		•	•	
Brow vents extended to temple area**	•	•	•				•									
Three position chin vent	•	•	•	•	•	•						•		•		
Inner chin (bar) vent shutter												•	•			
Interior integrated intake channels										•						
Rear ventilation																
Neck exhaust vent	•	•	•	•	•	•	•	•				•		•		
One-piece rear exhaust			•	•	•	•	•							•		•
Removable three-piece rear exhaust													•			
Removable diffusers												•				
Rear exhausts									•		•				•	
Side exhausts	•	•	•	•	•	•	•	•				•	•	•	•	•
Twin Venturi Exhaust Ports										•						
Aerodynamics																
Pull Down Chin Spoiler	•	•	•									•				
Fixed Chin Spoiler				•	•											
Patented Air Wing® adjustable**	•	•														
Patented Air Wing® non-adjustable**								•								
Visor																
VAS Max Vision Visor with De-Mist option	•	•	•	•	•	•										
New shield latch lever	•	•	•	•	•	•										
PRO Shade System**	option	option	•	option	option	option		option								
Pinlock insert lens	•	•	•	•	•	option		option				•		•		
Interior																
Antimicrobial Liner material	•	•	•	•	•			•		•						
Dry-Cool® Liner**												•	•			
Replaceable Cheek Pads/Ear cups	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Replaceable Interior	•	•	•	•	•			•			•	•	•	•	•	•
Semi-removable Interior						•										
Replaceable Chinstrap covers	•	•	•				•	•				•	•			•
Replaceable Neckroll	•	•	•										•			
Speaker pockets	•	•	•	•	•	•		•		•						
Facial Contour System (FCS)	•	•	•	•	•	•	•					•	•			
5mm "Peel Away" Ear cups/Cheek pads	•	•	•	•	•		•	•				•	•			
5mm "Peel Away" Temple pad	•	•	•					M-XXL				•	•			
Thin centre pad for more room in front area	•	•	•	•												
Water resistant layered cheek pads								•								
Removable slit for glasses								•								
Split-Crown Pad										•						
Comfort																
Emergency Release System (ERS)	•	•	•									•	•			
Breath guard	•	•	•	•									•			
Chin Curtain	•	•	•		•	•										
Dirt removal													•			
5mm wider Base						•										
Approval (ECE 22-05)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SNELL M2010/2015	•	•														
Sizing																
Size XXXS-XXS														•	XXS	XXS
Size XS-XXL	XS-XL	XS-XXXL	XS-XXXL	•	•	•	•	•	•	•	•	•	•			

** Innovated and exclusively offered by Arai



Model Shown: Profile-V

**FUNCTION
OVER STYLE,
PERFORMANCE
OVER PROFIT**

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