





Designed & Engineered by HJC



WORKBOOK CONTENT

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HJC

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HELMETS

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FOR RIDERS SINCE 1971

HJC has been developing and manufacturing helmets since 1971. Highly praised in the field of motorcycle helmets, HJC is recognized for its long history of helmet production involving advanced material construction, strength and lightweight performance.

50 YEARS OF CONTINUOUS CHALLENGES

Now, HJC is celebrating its 50th anniversary. In commitment to excellence and advancement in helmet technology, HJC has mastered the art of making helmets to premium standards. The brand has distribution in over 80 different countries worldwide with various helmet categories representing 20% of the European motorcycle helmet market.

Being the #1 helmet manufacturer in the world for over 17 years, HJC has a legacy to nurture. HJC invests heavily in design and development in a variety of categories, working hand in hand with global partners and advanced technologies.

With lessons learned from the time it took to be successful, HJC is now moving forward once again with the aim of becoming the world's firstclass helmet company by developing next level cycle and snow helmets with strategic choices made in the creation and the introduction of new construction methods.



FOR THE MOMENT LET US RIDE

HJC SPORTS is about the moment, finding one's self again, in a leap of escape from artificial boundaries and into self-restoration, selfacceptance, balance and peace and in a flow of harmony with all that surrounds us.

For the moment, we are aware of our sense of self in the presence and in spontaneous moments. The value of life is not in the blurry, mindless, cycles of repetition; the value of life starts from awareness of the soul in the moment. When you are truly aware of your feelings in the moment, with appreciation, you are truly alive.



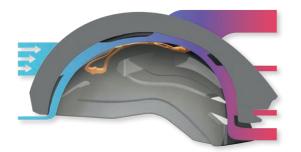


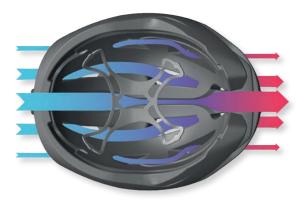
INNOVATION & TECHNOLOGY

HJC helmets are tested in laboratory as well as in "real-life" to meet the highest quality standards. HJC is one of very few helmet companies equipped with its own state of the art wind tunnel laboratory to test aerodynamics, ventilation, noise and more.

From technical development of motorcycle race technology to high-end road cycle helmets, the HJC wind tunnel test lab measures all the relevant forces in a variety of riding conditions to improve the performance of HJC helmets.

$\mathbf{M} \mathbf{COOLP} \mathsf{ATH}^{\mathsf{M}}$





ADVANCED AIR CHANNEL SYSTEM

COOLPATH[™] is a new technology

patented by HJC. Replacing the inner padding it allows the cool air to flow around your head and improves your comfort during the ride. The cool air flow and the lightness of the helmet enhance the fitting and provide an excellent riding experience.

INNOVATION FOR FITTING & COMFORT

Fitting and comfort are an integral part of HJC helmets. The R&D department has developed 2 revolutionary features patented by HJC for enhanced riding comfort.

Introducing **COOLPATH[™]** for advanced air cooling, and **SELFIT[™]** for automaticfitting with self-adjustment.

> APPLICABLE MODELS

IBEX 2.0 FURION 2.0

HJE

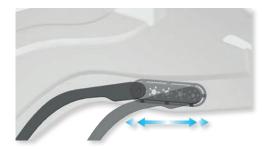




SELF-ADJUSTING SYSTEM

SELFIT[™] is an automatic self-adjusting fitting system which is a revolutionary technology in bicycle helmet fitting. Once the helmet fit is set for your head it doesn't require further adjustment, even when your head is moving during the ride. The SELFIT[™] system automatically adjusts the gap and provides consistent fitting and comfort for your head.

Just put it on and enjoy the ride....



JUST

5 STEP SNAP FIT

5 snap fitting positions provide consistent fitting and comfort for all different types of head shapes and sizes. The rider can adjust the fitting with precision, resulting in a helmet that will ideally adjusted for a perfect ride, time after time. APPLICABLE MODELS

IBEX 2.0 FURION 2.0 CALIDO PLUS CALIDO GLEO



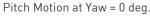
OPTIMAL AERO DYNAMICS

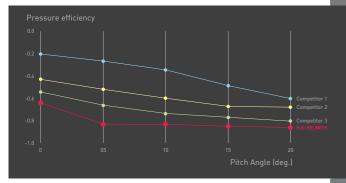
ADVANCED VENTILATION SYSTEM

In order to achieve maximum ventilation, a technical adaptation of Bernoulli's principle is applied to HJC's aerodynamically enhanced models. In motion, the rate of surface flow generally increases as it progresses towards the rear of the helmet.

Through pressure differences, cool air from the frontal intake is extracted through the rear vent for internal heat dissipation, giving the cyclist optimum ventilation while riding.

VENTILATION TEST





AERODYNAMIC DESIGN

Coming from MotoGP race-helmet design experience, HJC designers and engineers have become experts in aerodynamics and wind ventilated helmets. Aero helmets, as the word implies, are more aerodynamic than the conventional racing bike helmet, but with compromised ventilation performance.

With HJC helmets, this compromise is very much reduced. HJC probably offers the best ventilated semi-aero helmet on the market.

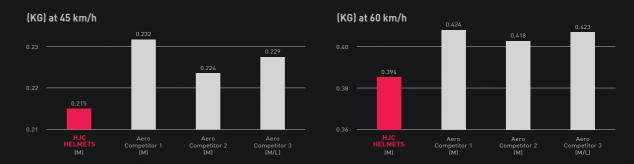
> MAXIMUM INTAKE Maximum exhaust Minimum drag force

SAVE WATTS WITH HJC HELMETS

ADVANCED EXHAUST VENTILATION PERFORMANCE

Wind tunnel test verification analysis. From all perspectives, while riding, test results show that HJC exhaust ventilation outperforms all other competitors.

DRAG FORCE





UCI WORLD TOUR SPONSOR

HJC IS PROUD TO SUPPORT AG2R CITROËN TEAM & ISRAEL START-UP NATION







MAJOR TECHNICAL PARTNER AG2R CITROËN TEAM



For 50 years, HJC has been working closely with the world's best athletes. We are proud to equip the **AG2R CITROËN TEAM** from 2021 and to be an integral part of this ambitious project by joining a solid and historic structure, guided by values that we share and that drive us on a daily basis.









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JING/

HANHERHEAD

Then

So

MXXIS



HJC draws its strength from competition and working closely with the world's best athletes to push the boundaries of technology. It is in this spirit of ongoing improvement that HJC is working alongside Team **ISRAEL START-UP NATION** to help ensure the safety of riders by providing innovative and safe helmets, while continuing its research with valuable feedback from these riders.



ପ୍ର







The **IBEX 2.0** is an ultra-lightweight and comfortable helmet designed to provide optimal ventilation. Its particular shape improves aerodynamics and allows it to evacuate heat more quickly.

Developed in HJC's own wind tunnel laboratory and in collaboration with world class riders, the IBEX 2.0 integrates Venturi Dynamics to balance the air resistance force. Thanks to its impressive and well balanced design, the helmet is perfectly suited for intense effort and hot weather conditions.

◆SELFIT ◆

I COOLP⁄ITH[™]







MT GL BLACK

MT GL WHITE

NAVY WHITE









MT GREY SILVER LINE

LINE

MT GL GREY MINT MT GL OFF WHITE PINK

RED BLACK



WHITE LINE GREY

MT GL ARMY GREEN MT E

MT BLACK CHAMELEON



Developed in collaboration with world class riders, the FURION 2.0 is considered an uncompromising design masterpiece as it combines remarkable aerodynamics and efficient ventilation.

Thanks to HJC's experience in MotoGP racing helmet conception, the FURION 2.0 's aerodynamic, innovative and simple design increases its performance and airflow for optimal air penetration and improved air cooling capabilities.

() COOLP/ITH[™]









MT GL BLACK

MT GL WHITE

MT GL NAVY









MT GL PINK



MT OFF WHITE GOLD

MT FADE OLIVE

FADE GREY

FADE RED









MT GL WHITE SILVER

MT BLACK CHAMELEON

MT DARK GREY

HIC

VALECO

149,00€ MSRP

Road helmet



- **FEATHER LIGHT 220g** (±10) \mathbf{O} WIND TUNNEL TESTED 0 AERODYNAMIC DESIGN Ð VENTURY DYNAMICS IN-MOLD CONSTRUCTION 5 ADVANCED AIR CHANNEL INTERNAL REINFORCEMENT
- 2 STEP SNAP FIT
- ٢ ADJUSTABLE WIDE DIVIDER



The VALECO is a modern, aerodynamic and perfectly ventilated helmet, weighing only about 30 grams more than its bigger sibling, HJC's IBEX 2.0.

The helmet's 12 ventilation holes will keep your head cool in any situation, from the spring classics to the hot climbs in the Alps during the summer season. All of the inner padding are removable and washable.



MT GL BLACK

MT GL GREY BLACK











MT GL OFF WHITE

MT OLIVE BLACK

MT HIVIS YELLOW BLACK



ATARA

Road helmet



The ATARA benefits from all of the technical development of

HJC's high-end models such as the IBEX 2.0 and FURION 2.0. Aerodynamic and comfortable, the ATARA is your perfect entry

It is light in weight, easy to adjust to your head size and makes no compromise on security. As with all other HJC helmets, the

inner padding is removable and washable, keeping things clean

into the world of HJC, an everyday helmet with a perfect fit.

- 79,00€ MSRP
- **FEATHER LIGHT 210g** (±10)
- WIND TUNNEL TESTED
- AERODYNAMIC DESIGN
- VENTURY DYNAMICS
- IN-MOLD CONSTRUCTION
- S ADVANCED AIR CHANNEL
- 2 STEP SNAP FIT
- ADJUSTABLE WIDE DIVIDER



MT GL WHITE



MT GL BLACK

MT GL RED

MT GL NAVY







MT GL OLIVE





MT GL NEON GREEN

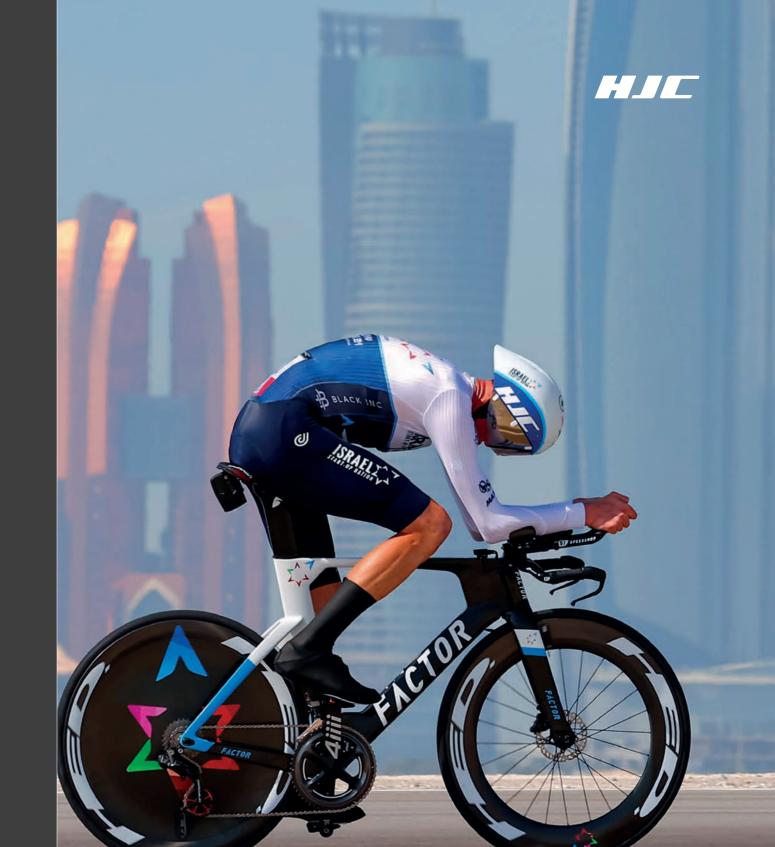
MT GL LIGHT GREY



HJC

and your head cool.

TT & TRIATHLON HELMETS



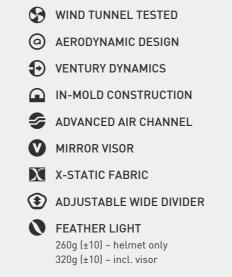
ΛΟWΛΤΤ

299,00€

Time Trial Helmet



The **ADWATT** was designed through enhanced wind tunnel testing to improve its drag force performance on the track. With the help of Victor Campenaerts, the UCI Hour record Holder, HJC successfully took up the challenge of developing an aero helmet which is efficient both with and without a visor. The result is a helmet design that is fast and extra ventilated at the same time.



WHITE

MT BLACK







ADWATT 1.5

Triathlon Helmet



299,00€

MSRP

The **ADWATT 1.5** is the perfect compromise between aerodynamic, ventilation and comfort for particularly long riding sessions. Based on the ADWATT's advanced technology, it was designed through enhanced wind tunnel testing to improve its drag force performance on the road, while keeping your head cool, making the ADWATT 1.5 your perfect triathlon helmet.

WIND TUNNEL TESTED AERODYNAMIC DESIGN • VENTURY DYNAMICS IN-MOLD CONSTRUCTION S ADVANCED AIR CHANNEL **W** MIRROR VISOR X-STATIC FABRIC ADJUSTABLE WIDE DIVIDER **FEATHER LIGHT** 260g (±10) – helmet only 320g (±10) – incl. visor





WHITE



MT BLACK



HJE

URBAN HELMETS





URBAN STYLISH & TRENDY

With a modern and urban design, a leather chinstrap and some pretty and cosy washable paddings, the CALIDO PLUS is your perfect stylish, compact and comfortable helmet to hit the streets of every city. The trendy and unique color range makes the CALIDO PLUS the perfect match to your style.



🍪 Winter Kit

FIDLOCK Magnetic buckle

HIC

Removable and washable padding 7 mm / 3 mm

REMOVABLE **MAGNETIC VISOR**

The CALIDO PLUS is equipped with a very convenient removable magnetic visor. Easily removed and placed on top of the helmet, the visor is strongly secured by a magnetic system making it safe and easy to handle for every kind of ride.



Automatic adjustement system with 5 step SnapFit



CALIDO PLUS

189,00€

Urban helmet



CALIDO PLUS is the ultimate urban helmet to suit any environment. The shell's minimal weight and multiple helmet features provide safety and comfort for every cyclist. An interplay of materials with a modern colour palette, high-end chin strap, and easy-to-use magnetic buckle enhance the fashion-forward design to satisfy not only those looking for a classic style but also the latest fashion trends. FATHER LIGHT 350g (±10)
SELFIT^M ADJUSTMENT SYSTEM
REMOVABLE VISOR
ARTIFICIAL LEATHER STRAP
MAGNETIC BUCKLE
STEP SNAP FIT
STEP SNAP FIT
WIND TUNNEL TESTED
IN-MOLD CONSTRUCTION
ADVANCED AIR CHANNEL
WINTER KIT
INCLOSED REFLECTIVE STICKERS
UALIFIED VISOR: ANTI-UV 98%





PEARL GREYISH SILVER



METAL NAVY BROWN

PEARL WHITE GREY

METAL BLACK









CALIDO is the ideal urban helmet with a classic design and various color options. Based on an ultra-light weight shell and a comfortable fit, it provides comfort and freshness that has never been experienced before. The helmet was made with HJC's unique technology and designed to match various urban lifestyles.











MT GL CHARCOAL

MT LIGHT GREY



MT WHITE SILVER

MT GL BLACK

MT GL OLIVE





GLEO



GLEO is a helmet for children that focuses on safety and convenience based on the vast database accumulated from the development of our road and urban bicycle helmets.

The customizable hole at the top of the helmet allows users to attach various accessories which children like.

The cushioned inner padding provides a comfortable fit and the magnetic buckle enables the user to take the helmet on and off very quickly and easily. The **GLEO** helmet may look adorable on its own but looks even better when it is worn by children.





89,00€

MSRP

- FEATHER LIGHT 230g (±10)
- SELFIT[™] ADJUSTMENT SYSTEM
- 5 STEP SNAP FIT
- ADVANCED AIR CHANNEL
- IN-MOLD CONSTRUCTION
- ADJUSTABLE WIDE DIVIDER
- MAGNETIC BUCKLE





9-

MT PINK MINT

LEAF - ACCESSORY (INCLUDED)

HORN - ACCESSORY (SOLD SEPARATELY)

HELMETS SIZING GUIDE **& REFERENCES**

ROAD

IBEX20

BEX 20		S 51-56 cm 20-22"	M 55-59 cm 21.6-23.2"	L 58-61 cm 22.8-24.0"
MT GL BLACK	812431-	01	02	03
MT GL WHITE	812490-	01	02	03
WHITE LINE GREY	812423-	01	02	03
NAVY WHITE	812402-	01	02	03
MT GREY SILVER LINE	812424-	01	02	03
IT GL GREY MINT	812429-	01	02	03
IT GL OFF WHITE PINK	812437-	01	02	03
RED BLACK	812401-	01	02	03
AT GL ARMY GREEN	812434-	01	02	03
IT BLACK CHAMELEON	812430-	01	02	03
G2R CITROEN	812425-	01	02	03
SRAEL START-UP NATION	812436-	01	02	03

FURION 2.0		S 51-56 cm 20-22"	M 55-59 cm 21.6-23.2"	L 58-61 cm 22.8-24.0"
MT GL BLACK	812131-	01	02	03
MT GL WHITE	812190-	01	02	03
MT GL PINK	812108-	01	02	03
MT GL NAVY	812102-	01	02	03
MT OFF WHITE GOLD	812129-	01	02	03
MT FADE OLIVE	812137-	01	02	03
FADE GREY	812123-	01	02	03
FADE RED	812101-	01	02	03
MT GL WHITE SILVER	812122-	01	02	03
MT DARK GREY	812143-	01	02	03
MT BLACK CHAMELEON	812130-	01	02	03
AG2R CITROEN	812125-	01	02	03
ISRAEL START-UP NATION	812136-	01	02	03

URBAN

CALIDO		S 51-56 cm 20-22"	M 55-59 cm 21.6-23.2"	L 58-63 cm 22.8-24.8"
MT GL CHARCOAL	814128-	01	02	03
MT LIGHT GREY	814124-	01	02	03
MT MINT	814132-	01	02	03
MT WHITE SILVER	814123-	01	02	03
MT GL BLACK	814131-	01	02	03
MT GL OLIVE	814135-	01	02	03

CALIDO PLUS	S 51-56 cm 20-22"	M 55-59 cm 21.6-23.2"	
METAL NAVY BROWN	814233-	01	02
PEARL GREYISH SILVER	814224-	01	02
PEARL WHITE GREY	814223-	01	02

METAL BLACK

814227-

01

02

VALECO

L 58-63 cm 22.8-24.8"

> 03 03 03

03

VALECO		S 51-56 cm 20-22"	M 55-59 cm 21.6-23.2"	L 58-63 cm 22.8-24.8"
MT GL BLACK	812031-	01	02	03
SILVER WHITE	812023-	01	02	03
MT GL RED BLACK	812001-	01	02	03
MT GL NAVY BLACK	812033-	01	02	03
MT GL OFF WHITE	812090-	01	02	03
MT OLIVE BLACK	812035-	01	02	03
MT GL GREY BLACK	812024-	01	02	03
MT HIVIS YELLOW BLACK	812006-	01	02	03

ATARA		S 51-56 cm 20-22"	M 55-59 cm 21.6-23.2"	L 58-61 cm 22.8-24.0"
MT GL BLACK	811831-	01	02	03
MT GL RED	811801-	01	02	03
MT GL WHITE	811890-	01	02	03
MT GL NAVY	811802-	01	02	03
MT GL GREY	811823-	01	02	03
MT GL OLIVE	811835-	01	02	03
MT GL NEON GREEN	811837-	01	02	03
MT GL LIGHT GREY	811824-	01	02	03
MT GL LAVANDER	811856-	01	02	03

TT & TRIATHLON

		S 54-56 cm 21.2-22"	M 57-59 cm 22.4-23.2"	L 60-63 cm 23.6-24.8"
WHITE	813029-	01	02	03
MT BLACK	813027-	01	02	03

/DWATT 1.5)	S 51-56 cm 20-22"	M 55-59 cm 21.6-23.2"	L 58-63 cm 22.8-24.8"
WHITE	813529-	01	02	03
MT BLACK	813527-	01	02	03

KIDS

GLEO	S 49-55 cm 19.3-21.7"
MT GREY PINK	81602301
MT BLUE WHITE	81608301
MT NAVY BLUE	81600201
MT PINK MINT	81600801

HELMET ACCESSORIES





MAGNETIC MIRROR VISOR ADWATT / ADWATT 1.5 WHITE REF. 71301001



MAGNETIC MIRROR VISOR ADWATT / ADWATT 1.5 BLACK REF. 71301002



CLEAR VISOR CALIDO PLUS REF. 71421001

INNER PADDINGS



FRONT PAD FURION 2.0 STANDARD: 7MM / EXTRA: 15 MM REF. 711001-01/02



FRONT PAD IBEX 2.0 STANDARD: 7MM / EXTRA: 15 MM REF. 712401-01/02



PADDING SET VALECO REF. 71200101

PADDING SET ATARA REF. 71180101

PADDING SET

STANDARD: 7 MM / EXTRA: 3 MM

CALIDO PLUS

REF. 714201-02/01



PADDING SET CALIDO STANDARD: 7 MM REF. 71421001





WINTER KIT CALIDO PLUS REF. 71423001



TECHNICAL FEATURES



X-static

X-STATIC® is made by permanently bonding 99.9% metallic silver to the surface of a fiber. It is not a nanotechnology, or a complex chemical formula; X-Static is simply silver. The permanent performance of X-STATIC® keeps apparel smelling fresher for longer, even after multiple wear cycles between washings.



Internal Reinforcement Structure

The helmets are reinforced with an internal frame integrated into the EPS. The skeletal frame not only holds the helmet in one piece, but also makes it stronger and more resistant to protect your head in the event of a collision.



Advanced Air Channel System

A certain amount of air passes through the front air-intake port, then circulates inside the helmet and finally exits through the exhaust port. The internal airflow is then increased to cool the head and evacuate the heat.



In-Mold Construction

In-mold is a method consisting in bonding the EPS together with the outer polycarbonate shell for greater structural strength. This improves the rider's protection by providing a compact reinforcement and gives the product a perfect finish.



Visor

Aero Time Trial Helmets are equipped with a mirror visor to improve the riders' comfort and visibility, HJC's aero helmets are engineered in order to have the same aerodynamic performances with and without a visor.



SELFIT

SELFIT[™] is an automatic self-adjusting fitting system which is a revolutionary technology in bicycle helmet fitting. Once the helmet fit is set for your head it doesn't require further adjustment, even when your head is moving during the ride. The SELFIT system automatically adjusts the gap and provides consistent fitting and comfort for your head.



COOLP/ITH[™]

COOLPATH[™] is a new technology replacing the inner padding, allowing the cool air to flow around your head and improving your comfort during the ride. The cool air flow and the lightness of the helmet enhance the fitting and provide an excellent riding experience.



Feather Light

HJC bicycle helmets are designed and engineered through precise measures to have the lightest weight possible. Density, placement, shapes and materials all play a part in weight optimization.



Wind Tunnel Tested

HJC helmets are tested in the laboratory as well as in "real-life" to meet the highest quality standards. HJC is one of the very few helmet companies equipped with its own state-of-the-art wind tunnel laboratory to test aerodynamics, ventilation, noise and more. The HJC wind tunnel test lab measures the air forces in a variety of riding conditions to improve helmet performance.



Venturi Dynamics

In order to achieve maximum ventilation, a technical adaptation of Bernoulli's principle is applied to HJC's aerodynamically enhanced models. In motion, the rate of surface flow generally increases as it progresses towards the rear of the helmet. Through pressure differences, cool air from the frontal intake is extracted through the rear vent for internal heat dissipation, giving the cyclist optimum ventilation and perfect air flow while riding.



Aerodynamic Design

Coming from MotoGP race-helmet design experience, HJC designers and engineers have become experts in aerodynamics and wind ventilated helmets. Aero helmets, as the word implies, are more aerodynamic than the conventional racing bike helmet, but with compromised ventilation performance.

With HJC Helmets, this compromise is very much reduced. HJC offers probably the best ventilated semi-aero helmet on the market.... Save Watts with HJC Helmets!

POS MATERIAL



CYCLING HELMETS WORKBOOK 21/22

HJC EUROPE

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HJC HEADQUARTER

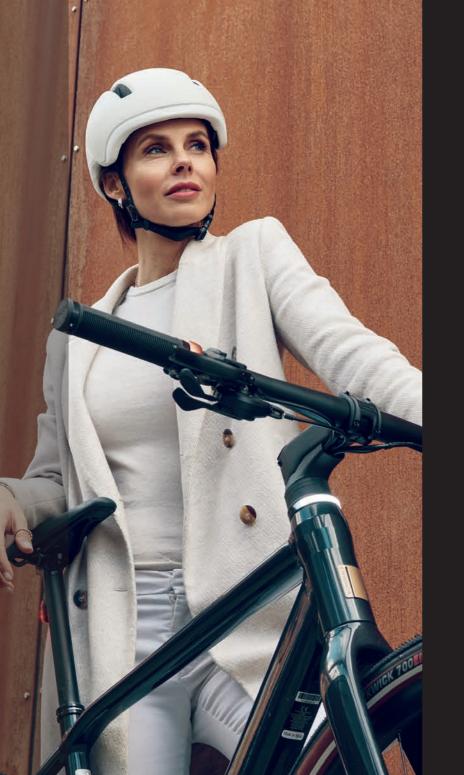
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