

ENG



since 1923

HOREX

VR6 Raw 99

HOREX

VR6 *Raw99*



THE LIGHTEST: HOREX VR6 *Raw99*

SPORTY, LIGHTWEIGHT, AND EVEN MORE EXCLUSIVE: THE HOREX VR6 RAW 99 IS THE LIMITED EDITION MODEL TO CELEBRATE THE 100TH ANNIVERSARY OF HOREX, WITH ONLY 99 UNITS AVAILABLE.

With the HOREX VR6 RAW 99, HOREX presents the ultimate evolution of the VR6 power cruiser. Developed on the basis of the successful VR6 models, the VR6 RAW 99 is immediately recognizable from the front by the iconic „H“ graphic of the adaptive full-LED front light (with cornering light) as the most advanced HOREX design.

Technically speaking, numerous functional components have been further developed, which already gave the old RAW a high degree of desirability. The previously optional CFRP steering head, which further optimizes weight distribution, is now installed as standard. This elite feature provides an even more impressive, more dynamic driving experience. This significant upgrade alone results in a weight reduction of 5 kg and higher torsional stiffness, which translates to increased agility and responsiveness when initiating steering impulses on the road. Other weight-saving components made of carbon fiber include the entire rear construction, the front and rear fenders, the chain guard, the instrument cover, the headlight housing, and the rider and passenger footpeg brackets. Thanks to this extensive use of ultra-light materials, the RAW 99 is the lightest HOREX VR6 ever produced: approx. 215 kg dry.



Illustrations may include optional equipment.

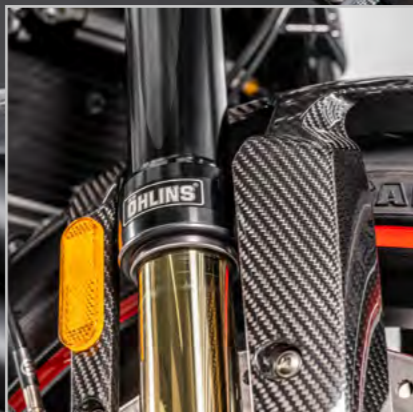
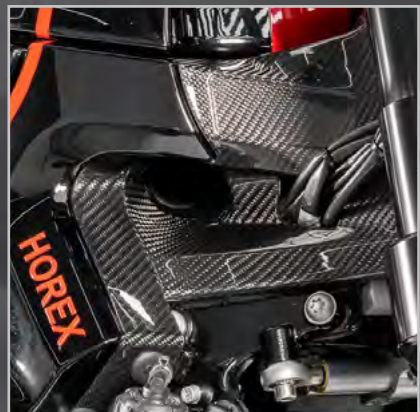
VR6-ENGINE ONE MAN ONE ENGINE



The six-cylinder engine, the ultimate highlight of the motorcycle, remains the only 6-cylinder sports engine on the market. Thanks to the VR architecture (V-inline engine) with opposing cylinders arranged in a 15° V-angle, it has an ultra-compact layout with a total width of only 43 cm and a total displacement of 1218 cm³. It is also the only engine in the motorcycle sector with an 18-valve-TOHC control (Triple Over Head Camshaft). The sound, power delivery, and 6-cylinder typical driving comfort result in a reference-like, addictive driving experience that currently only the VR6 RAW can offer.

The exceptional expertise and innovation competence of the parent company 3C-Carbon Group AG are incorporated into every relevant component of this unique engine. Following the principle of „ONE MAN, ONE ENGINE“, every HOREX VR6 engine, like in the top segment of the automotive sector, is built by a single responsible specialist. The result is a top-class engine, whose quality is guaranteed by its builder with his name on an individual plaque.

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CARBON
FIBRE COMPOSITES
INNOVATIVE
LIGHTWEIGHT
HIGH-TECH
EXCLUSIVE
QUALITY

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TECHNICAL SPECIFICATIONS

CONCEPT	High-End Power Cruiser Two-seater
ENGINE TYPE	Water-cooled six cylinder VR engine, three overhead camshafts (TOHC), 18 valves, bucket tappets
CYLINDERS	VR6
DISPLACEMENT	1218 cm ³
PERFORMANCE	163 HP (120 kW)
TORQUE	128 Nm
TRANSMISSION	Six-speed
CLUTCH	Hydraulically actuated multi-disc oil-bath clutch with servo assistance and anti-hopping function
FRAME	Mainframe: Aluminum bridge frame Rearframe: CFRP structural rear frame
EXHAUST	Black Performance stainless steel system with central catalytic converter silencer unit and two stainless steel rear silencers
SUSPENSION FRONT	Öhlins upside-down fork (Ø 43 mm) with adjustable spring preload, compression and rebound damping

SUSPENSION REAR	Öhlins TTX36 suspension struts with adjustable spring base, rebound and compression damping and built-in hydraulic spring preload adjustment
BRAKES FRONT	High-performance Brembo 4-piston brake system (Brembo M50) with dual brake discs (Ø 320 mm)
BRAKES REAR	High-performance Brembo 2-piston brake system (Brembo P2.34) with disc brake (Ø 264 mm)
WHEELS	HOREX forged aluminum wheels, Pirelli Diablo Rosso III
LIGHTS	LED headlight, LED taillights and indicators
SEAT	Continuous bench
SEAT HEIGHT	740 – 820 mm
ADDITIONAL STANDARD EQUIPMENT	LED Display, CFRP front and rear fenders Ride-by-Wire, lithium-ion battery, immobilizer
WEIGHT	approx. 215 kg (dry-weight)

BLACK
GLOSS



10

BLACK
MATT



RED
LINE



Illustrations may include optional equipment.

11

DETAILS VR6 RAW 99 REDLINE



STEERING HEAD
The ultra-lightweight and highly stable CFRP structural steering head gives the VR6 perfect maneuverability at the lowest weight.



FENDER
The fenders and passenger footpeg holders are also made of visible carbon fiber, in addition to the headlight, display mount, frame tail, and motor cover, highlighting the attention to detail of the VR6 Raw Redline.

SEAT & REARFRAME
The continuous seat offers a sporty riding position and perfect support. The structural rear frame is also made of visible carbon fiber.



GRAPHIC
Subtle red accents highlight details, giving the VR6 Raw Redline a sporty overall look and emphasizing the character of this unique six-cylinder motorcycle.



DETAIL OBSESSION
The love of perfection is evident in many details, such as the engine cover executed in visible carbon fiber.



THE LICENSE PLATE HOLDER
Rounded off with a new number plate holder that seamlessly integrates into the sporty appearance of the HOREX VR6 RAW 99.



Illustrations may include optional equipment.

BLACK
PURISTIC
SPORTY



Illustrations may include optional equipment.



DISPLAY

The high-end LED display with extremely bright light output is a central innovation of the HOREX VR6 RAW 99 models.



ALUMINUM COMPONENTS

Various components such as risers, fork crowns, fork legs, chassis parts, brake and clutch levers, display holders, and expansion tanks are elaborately CNC milled.

SEAT

The continuous seat offers a firm grip in all driving situations.



ALUMINUM FORGED WHEELS

Weight saving achieved through specially developed forged aluminum wheels.



PERFORMANCE STAINLESS STEEL EXHAUST SYSTEM

High-strength stainless steel in a special alloy and unique 6-cylinder design for the exhaust system.



LED TAILLIGHTS

Integrated LED light technology for brake light, taillight, and turn signals.

DETAILS

LED

DISPLAY

EXCLUSIVE

STAINLESS STEEL

FINETUNING

7" FULL-LED-DISPLAY

The high-resolution 7" full LED display is another example of HOREX's innovation power. With this extremely bright dashboard equipped with real glass, HOREX has another unique selling point on the market. The display, developed in a development partnership, is the basis for numerous other connectivity solutions that can provide even more extensive support to the VR6 pilot. Thanks to its compact design and the VR6-tailored design, the dashboard blends seamlessly into the overall VR6 concept.



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Der Maßstab seit 1923



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