

Due to the high technical content of OHVALE GP-7, we believe it is important to highlight, point by point, the added value of this motorcycle.

ENGINE

- o ZS 250cc 4-stroke DOHC 4-valve new generation
- o 5-speed gearbox
- o 44.8 hp at the crankshaft
- o Titanium intake valves
- o Liquid-cooled
- o Electric start

DELLORTO INJECTION SYSTEM

- o DELLORTO fuel injection system specifically developed for OHVALE GP-7
- o Engine control unit (ECU)
- o Engine calibration specific to OHVALE GP-7 250
- o Integrated quickshifter management within the ECU
- o Security feature to detect any tampering or parameter alterations
- o Pit limiter available on the ***race version***
- o Engine parameters transmitted via CAN for dashboard display:
 - TPS
 - Engine RPM
 - Water temperature
- o Dell'Orto 46mm throttle body with stepper motor for electronic engine brake management via a dedicated OHVALE GP-7 map

SPRINT FILTER AIR FILTER

- o Sprint Filter filter made with patented polyester fabric, offering very high airflow and a filtering capability of 37 microns, water-resistant

ELECTRICAL SYSTEM

- o Specific racing electrical system with miniaturized waterproof connectors

AKRAPOVIČ EXHAUST SYSTEM

- o Stainless steel/titanium exhaust system developed in collaboration with Akrapovič
- o Dual muffler with stone guard mesh
- o dB killer with 101 dB sound limit in standard version. Option to use a 97 dB version without compromising performance

TRANSMISSION / GEARBOX

FINAL TRANSMISSION

- **Regina** 420 Racing chain
- Sitta hard anodized Ergal rear sprocket
- PBR front sprocket

GEARBOX

- Electronic gearbox with quickshifter in upshifting
- Integrated quickshifter management within ECU

CLUTCH

- Wet multiplate clutch with hydraulic actuation
- **Race version: STM ITALY** multi-adjustable slipper clutch for optimized engine brake setup

FRAME / SWINGARM

FRAME

- Perimeter aluminum frame with forged components and variable-section extruded beams
- Frame designed for racing applications and built as a platform for future developments
- Dynamic characteristics inspired by current Moto3 standards to ensure peak performance
- Multi-adjustable frame (offset and steering angle via specific bearings)
- Rider footpeg position adjustable in 9 positions
- Subframe and front fairing support made of aluminum for maximum lightness

SWINGARM

- Inverted truss-style aluminum swingarm
- Adjustable swingarm stiffness via dedicated kits (optional)
- Geometry and stiffness optimized according to Moto3 standards to provide top performance and rider feedback
- Rear suspension with custom linkage specifically designed for OHVALE GP-7

REAR SHOCK ABSORBER

- Specific shock absorber adjustable in compression, rebound, preload, and wheelbase
- **Race version: Öhlins TTX** with custom calibration
- Shock absorber pre-configured for linear position sensors

FRONT FORK

- o Specific fork adjustable in compression, rebound and preload
- o Upper clamp height adjustable via included spacers
- o Fork pre-configured for linear position sensors

STEERING DAMPER (*optional*)

- o **Öhlins** adjustable steering damper with dedicated calibration

BREMBO BRAKING SYSTEM

- o Brembo M50 monoblock radial front caliper, 4 pistons
- o Brembo RCS ø14 radial front master cylinder (optional ø16 Forged Brembo)
- o Brembo 300mm floating front brake disc (designed and engineered in line with Moto2 standards)
- o Brembo rear brake master cylinder ø13mm
- o Rear brake caliper with 2 pistons ø32mm
- o Brembo 190mm rear brake disc

WHEELS

- o 17-inch aluminum alloy wheels specific for OHVALE GP-7
- o **Race version:** forged aluminum wheels

PIRELLI TYRES

- o Pirelli Moto3 standard slick tyres

DASHBOARD

- o Digital TFT dashboard displaying engine parameters via CAN and manual lap timer
- o **Race version** equipped with **AIM** unit featuring:
 - GPS lap timer
 - Engine data acquisition via CAN
 - Inertial platform
 - Wireless data logging and instrument connection
 - Optional module for linear position and brake pressure sensor acquisition

OHVALE GP-7

TECHNICAL FEATURES

FAIRING

- o Ultra-lightweight fiberglass fairing with carbon fiber reinforcements
- o Belly pan
- o **WRS** dedicated plexiglass windshield
- o Racing seat by **Race Seats**

STAND

- o Rear racing stand
- o Optional: **Bike-Lift** stand with pawls and plates on the swingarm