

III TESI H2

Bimota Tesi H2 Specification card

ENGINE

4-stroke, 4-cylinder, DOHC, 4-valve, liquid-cooled, supercharged

Displacement

998cc / 60,9 cu-in

Bore x Stroke

76.0 x 55.0 mm / 2,99 x 2,17 in

Compression Ratio

8.5:1

Power

170 Kw / 231 hp @11.500 r/min

Torque

141,7 Nm / 104,51 lbf-ft @ 11.000 r/min

Fuel System

DFI® with 50mm throttle bodies (4) with dual injection

Euro-4

Ignition

TCBI with digital advance

Ignition Timing

10° BTDC @ 1.100 r/min > 33° BTDC @ 11.000 r/min

Spark Plug Type : NGK SILMAR9B9

Gap : 0,8 > 0,9 mm / 0,031-0,035 in)

Starting System

Electric starter

Cylinder Numbering Method

Left to right 1-2-3-4

Firing Order

1-2-4-3

Lubrication System

Forced lubrication (wet sump)

Engine Oil Type : API SG, SH, SJ, SL or SM, with JASO MA, MA1 or MA2

Viscosity : SAE 10W-40

Capacity : 5.0 L (5,3 US qt)

Coolant Capacity : 2.5 L (2,6 US qt)

Transmission

6-speed, return shift, dog-ring, constant mesh

Clutch

Wet, multi disc

Final Drive

Sealed chain drive

Primary Reduction Ratio : 1.551 (76/49)

Final Reduction Ratio : 2.444 (44/18)

Overall Drive Ratio : 5.110 (Top gear)

Gear Ratio	1 st	3.188 (51/16)
	2 nd	2.526 (48/19)
	3 rd	2.045 ((45/22)
	4 th	1.727 (38/22)
	5 th	1.524 (32/21)
	6 th	1.348 (31/23)

Electronic Rider Aids

Kawasaki Cornering Management Function (KCMF), Kawasaki Traction Control (KTRC), Kawasaki Launch Control Mode (KLCM), Kawasaki Intelligent anti-lock Brake System (KIBS), Kawasaki Engine Brake Control, Kawasaki Quick Shifter (KQS) (upshift & downshift), Öhlins Electronic Steering Damper, LED Cornering Lights

FRAME

Front Suspension / Wheel Travel

Öhlins TTX 36 nitrogen gas charged shock with piggyback reservoir, 24-way compression and rebound damping and adjustability and hand-turn spring preload adjustability, and top-out spring/100 mm (3,93 in)

Rear Suspension / Wheel Travel

Öhlins TTX36 nitrogen gas charged shock with piggyback reservoir, 24-way compression and rebound damping and adjustability and hand-turn spring preload adjustability, and top-out spring/130 mm (5,11 in)

Front Tire

120/70 ZR17

Rear Tire

200/55 ZR17

Front Brakes

Dual radial-mount, opposed 4-piston Brembo Stylema® calipers, dual semi-floating 330 mm discs, KIBS ABS

Rear Brakes

Opposed 2-piston calipers, single 220 mm disc, KIBS ABS

DETAILS

Frame Type

Aluminum alloy plates billet machined, with rear swingarm mounting plate

Rake/Trail

21,3°/117 mm (4,60 in)

Overall Length

2.074 mm/81,65 in

Overall Width

770 mm/30.3 in

Overall Height

1.155 mm (+/-10 mm) / 45,07 in (+/-0,39 in)

Ground Clearance

140 mm (+/-10 mm) / 5.51 in (+/-0,39 in)

Seat Height

840 mm (+/-10 mm) / 33,85 in (+/-0,39 in)

Curb Weight

219 kg / 482.8 lb**

Fuel Capacity

17 lt / 4.49 gal

Wheelbase

1.445 mm / 56.89 in

Tire Size : Front 120/70ZR 17 M/C (58W)

Rear 200/55ZR17 M/C (78W)

Rim Size : Front J17M/C x MT 3.50

Rear J17M/C x MT 6.00

Special Features

Rideology the App Smartphone Connectivity, TFT Instrumentation, OEM APP Smartphone

**Curb weight includes all necessary materials and fluids to operate correctly, full tank of fuel (more than 90 percent capacity) and tool kit (if supplied). When equipped, California evaporative emissions equipment adds approximately 2.2 lb.