



Xtra-RAPTOR 1000

Technical Data

Dimensions / Weight / Capacity

Wheelbase:	1432 mm
Overall length:	2104 mm
Overall width:	820 mm
Overall height:	1070 mm
Seat height:	805 mm
Min. ground clearance:	175 mm
Trail:	102 mm
Dry weight:	197 kg
Fuel capacity:	15.2 litres
Transmission oil capacity:	3.3 litres

ENGINE

Type:	4-stroke, D.O.H.C. 90° "V" twin layout
Bore:	98 mm
Stroke:	66 mm
Displacement:	996cc
Compression ratio:	11.3:1
Starting:	Electric
Cooling:	Liquid and Oil cooled
Lubrication:	Wet sump with paper cartridge filter
Ignition:	Electronic with 3 phase A.C. generator
Fuel system:	E.F.I.
Clutch:	Wet, multi-plate, mechanical control

CHASSIS

Type:	High strength steel tubular frame
Front suspension:	Marzocchi "Upside-Down" telescopic hydraulic fork with adjustable rebound – compression damping and spring preload.
Fork diameter:	43mm
Fork travel:	120 mm
Rear suspension:	Sachs progressive single shock absorber with adjustable rebound – compression and spring preload.
Rear wheel travel:	138 mm
Brakes front:	298 mm Twin "Brembo" disc with "Brembo" 4 piston callipers
Brakes rear:	220 mm Single disc with "Brembo" calliper
Rim front:	3.50" x 17" light alloy
Rim rear:	5.50" x 17" light alloy
Tyre front:	120/70 x ZR17"
Tyre rear:	180/55 x ZR17"



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TIMING SYSTEM

Type:		DOHC
Intake -	Opens:	27° B.T.D.C.
	Closes:	63° A.B.D.C.
Exhaust -	Opens:	63° B.B.D.C.
	Closes:	27° A.T.D.C.

TRANSMISSION

Primary drive

Engine sprocket:	31 Z/teeth
Clutch gear:	57 Z/teeth
Transmission ratio:	1.838
Type:	Constant mesh gear type
Speed:	6
Internal ratios - 1 st	2.666 (32/12)
- 2 nd	1.933 (29/15)
- 3 rd	1.500 (27/18)
- 4 th	1.227 (27/22)
- 5 th	1.086 (25/23)
- 6 th	1.000 (24/24)

Secondary drive

Trans sprocket:	16 Z/teeth
Rear wheel sprocket:	40 Z/teeth
Transmission ratio:	2.500
Overall ratios - 1 st	12.258
- 2 nd	8.887
- 3 rd	6.895
- 4 th	5.641
- 5 th	4.996
- 6 th	4.597

ELECTRICAL EQUIPMENT

Voltage:	12 V
Head light:	55/60 W
Pilot light:	5 W
Tail light:	5 W
Stop light:	21 W
Turn signal:	10 W
Battery:	12 V – 9 Ah

Specifications are subject to change without notice.