

SPECIFICATIONS

GENERAL SPECIFICATIONS

Model	XS650H	XS650SH
Dimension:		
Overall length	2,120 mm 183.5 in)	←
Overall width	925 mm (36.4 in)	←
Overall height	1,220 mm (48.0 in)	←
Wheelbase	1,435 mm 156.5 in)	←
Minimum road clearance	135 mm (5.3 in)	←
Weight:		
Net	205 kg (452 lb)	210 kg (463 lb)
Performance:		
Minimum turning radius	2,500 mm (98.4 in)	←
Climbing capacity	26°	←
Engine:		
Type	4 stroke, Gasoline, Air cooled	←
Engine model	4N9	4M4
Cylinder	Two in parallel, Forward inclined	←

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Displacement	653 cc (39.85 cu.in)	←
Bore x stroke	75 x 74 mm (2.953 x 2.913 in)	←
Compression ratio	8.7 : 1	←
Starting system	Electric or kick starter	←
Ignition system	Battery ignition (Full transistor ignition)	←
Fuel tank capacity	11.5 lit (3.04 US.gal)	←
Reserve capacity	2.3 lit (0.61 US. gal)	←
Battery:		
Type	YB14L	←
Capacity	12V. 14AH	←
Generator type	LD115/AC genera or	←
Spark plug	BP7ES (NGK) or -7Y (CHAMPION)	←
Clutch type	Wet, multiplied disc	←
Carburetor	BS34 (SU type) x 2	←
Air cleaner	Dry foam rubber	←
Transmission:		
Primary reduction system	Gear	←
Primary reduction ratio	72/27 (2.666)	←

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Transmission 1st	32/13 (2.461)	←
2nd	27/17 (1.588)	←
3rd	26/20 (1.300)	←
4th	23/21 (1.095)	
5th	22/23 (0.956)	←
Secondary reduction system	Chain	←
Secondary reduction ratio	34/17 (2.000)	←
Chassis:		
Frame type	Tubular, double-cradle	←
Steering:		
Caster	27°	←
Trail	115 mm (4.53 in)	←
Tire size:		
Front	3.50S 19-4PR	3.50S 19-4PR (Tubeless tire)
Rear	130/90-16 67S	130/90-16 67S (Tubeless tire)
Suspension:		
Front	Telescopic fork	←
Rear	Swing arm	←

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Shock absorber:		
Front/Rear	Coil spring, oil damper	←
Braking system:		
Front	Disc brake	←
Rear	Drum brake	←
Electrical:		
Headlight	12V, 50W/40W	←
Tail/Brake light	12V, 3132 CP (8W/27W) x 2	←
Flasher light	12V, 32 CP (27W) x 4	←
Pilot lights:		
Turn	12v. 3.4w x 1	←
High beam	12v. 3.4w x 1	←
Headlight failure	12v. 3.4w x 1	←
Neutral	12v. 3.4w x 1	←
Meter lights	12v. 3.4w x 2	←
License light	12v. 3.8W 2	←