

Sprint ST Specification:

ENGINE:		
Type		Liquid-cooled, 12 valve, DOHC, in-line 3-cylinder
Capacity		1,050cc
Bore/Stroke		79 x 71.4mm
Compression Ratio		12.0: 1
Fuel System		Multipoint sequential electronic fuel injection
Exhaust		3 into 1, under seat silencer, stainless steel, catalyst in secondaries
Ignition		Digital-inductive type via electronic engine management system
TRANSMISSION:		
Primary Drive		Gear, back lash eliminator, ratio
Final Drive		X ring chain
Clutch		Wet, multi-plate
Gearbox		6-speed
Throttle body diameter		46.0mm
Gear Ratios		1 st 2.733: 1 (15/41) 2 nd 1.947: 1 (19/37) 3 rd 1.545: 1 (22/34) 4 th 1.292: 1 (24/31) 5 th 1.154: 1 (26/30) 6 th 1.074: 1 (27/29)
Final drive ratio		2.210: 1 (19/42)
CYCLE PARTS:		
Frame		Aluminium beam perimeter
Swingarm		Single-sided, aluminium alloy with eccentric chain adjuster
Wheels	Front	Cast aluminium alloy 5-spoke 17 x 3.5in
	Rear	Cast aluminium alloy 5-spoke 17 x 5.5in
Tyres	Front	120/70 ZR 17
	Rear	180/55 ZR 17
Suspension	Front	Showa 43mm cartridge forks with dual rate springs and adjustable preload 127mm travel
	Rear	Showa Monoshock with adjustable preload and rebound damping 120mm travel
Brakes	Front	Twin 320mm floating discs, Nissin 4 piston calipers (ABS model available)
	Rear	Single 255mm disc, Nissin 2 piston sliding caliper (ABS model available)
Instrument display/functions		Analogue speedometer, trip computer and analogue tachometer
DIMENSIONS:		
Length		2,114mm (83.2in)
Width (Handlebars)		750mm (29.5in)
Height		1,215mm (47.8in)
Seat Height		805mm (31.7in)
Wheelbase		1,457mm (57.4in)
Rake/Trail		24° / 90mm
Weight (Dry)		210kg (462lbs) (ABS model: 213kg/483lbs)

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Fuel Tank Capacity		20 litres (4.4 gal)
PERFORMANCE:		
(MEASURED AT CRANKSHAFT TO DIN 70020)		
Maximum Power		127PS (125bhp/93kW) at 9,250rpm
Maximum Torque		105Nm (77ft.lbf) at 7,500rpm

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