

48



Technical Details

Cruisers



Model	Rocket III	America	Speedmaster
Engine Type	Liquid-cooled, DOHC in-line 3-cylinder	Air-cooled, DOHC, parallel twin, 270° firing interval	Air-cooled, DOHC, parallel twin, 270° firing interval
Capacity	2294cc	790cc	865cc
Bore / Stroke	101.6 x 94.3mm	86 x 68mm	90 x 68mm
Compression Ratio	8.7:1	9.2:1	9.2:1
Fuel System	Multipoint sequential electronic fuel injection	Twin carburettors with throttle position sensor and electric carburettor heaters	Twin carburettors with throttle position sensor and electric carburettor heaters
Ignition	Digital – inductive type – via electronic engine management system	Digital - inductive type	Digital - inductive type
Transmission			
Primary Drive	Gear	Gear	Gear
Final Drive	Shaft	X ring chain	X ring chain
Clutch	Wet, multi-plate	Wet, multi-plate	Wet, multi-plate
Gearbox	5-speed	5-speed	5-speed
Cycle Parts			
Frame	Tubular steel, twin spine	Tubular steel cradle	Tubular steel cradle
Swingarm	Twin-sided, steel	Twin-sided, tubular steel	Twin-sided, tubular steel
Wheels			
Front	Alloy 5-spoke, 17 x 3.5in	36-spoke, 18 x 2.5in	Alloy 5-spoke, 18 x 2.5in
Rear	Alloy 5-spoke, 16 x 7.5in	40-spoke, 15 x 3.5in	Alloy 15 x 3.5in
Tyres			
Front	150/80 R 17	110/90 18	110/80 18
Rear	240/50 R 16	170/80 15	170/80 15
Suspension			
Front	43mm USD forks	41mm forks	41mm forks
Rear	Chromed spring twin shocks with adjustable preload	Chromed spring twin shocks with adjustable preload	Chromed spring twin shocks with adjustable preload
Brakes			
Front	Twin 320mm floating discs, 4 piston calipers	Single 310mm disc, 2 piston caliper	Twin 310mm discs, 2 piston calipers
Rear	Single 316mm disc, 2 piston caliper	Single 285mm disc, 2 piston caliper	Single 285mm disc, 2 piston caliper
Dimensions			
Length	2500mm (98.4in)	2420mm (95.2in)	2420mm (95.3in)
Width (handlebars)	970mm (38.2in)	960mm (37.8in)	830mm (32.7in)
Height	1165mm (45.9in)	1170mm (46.1in)	1160mm (45.7in)
Seat Height	740mm (29.1in)	720mm (28.3in)	720mm (28.3in)
Wheelbase	1695mm (66.7in)	1655mm (65.2in)	1655mm (65.2in)
Rake / Trail	32°/152mm	33.3°/153mm	33.3°/153mm
Weight (dry)	320kg (704lbs)	226kg (497lbs)	229kg (504lbs)
Fuel Tank Capacity	24 litres (6.3 gal US)	16.6 litres (4.4 gal US)	16.6 litres (4.4 gal US)
Performance (Measured at crankshaft to DIN 70020)			
Maximum Power	142PS (140bhp) at 6,000rpm	62PS (61bhp) at 4,700rpm	55PS (54bhp) at 6,750rpm
Maximum Torque	200Nm (147ft.lbf) at 2,500rpm	60Nm (44ft.lbf) at 3,500rpm	69Nm (51ft.lbf) at 4,800rpm
Colour	Jet Black, Cardinal Red, Scorched Yellow, Graphite	Jet Black, Graphite/Silver, Mulberry Red/Graphite	Jet Black, Jet Black/Neon Blue, Jet Black/Sunset Red

Model	Bonneville	Bonneville T100	Thruxton	Scrambler
Engine Type	Air-cooled, DOHC, parallel twin, 360° firing interval	Air-cooled, DOHC, parallel twin, 360° firing interval	Air-cooled, DOHC, parallel twin, 360° firing interval	Air-cooled, DOHC, parallel twin, 270° firing interval
Capacity	790cc	865cc	865cc	865cc
Bore / Stroke	86 x 68mm	90 x 68mm	90 x 68mm	90 x 68mm
Compression Ratio	9.2:1	9.2:1	9.2:1	9.2:1
Fuel System	Twin carburettors with throttle position sensor and electric carburettor heaters	Twin carburettors with throttle position sensor and electric carburettor heaters	Twin carburettors with throttle position sensor and electric carburettor heaters	Twin carburettors with throttle position sensor and electric carburettor heaters
Ignition	Digital - inductive type	Digital - inductive type	Digital - inductive type	Digital - inductive type
Transmission				
Primary Drive	Gear	Gear	Gear	Gear
Final Drive	X ring chain	X ring chain	X ring chain	X ring chain
Clutch	Wet, multi-plate	Wet, multi-plate	Wet, multi-plate	Wet, multi-plate
Gearbox	5-speed	5-speed	5-speed	5-speed
Cycle Parts				
Frame	Tubular steel cradle	Tubular steel cradle	Tubular steel cradle	Tubular steel cradle
Swingarm	Twin-sided, tubular steel	Twin-sided, tubular steel	Twin-sided, tubular steel	Twin-sided, tubular steel
Wheels				
Front	36-spoke, 19 x 2.5in	36-spoke, 19 x 2.5in	36-spoke, 18 x 2.5in	36-spoke, 19 x 2.5in
Rear	40-spoke, 17 x 3.5in	40-spoke, 17 x 3.5in	40-spoke, 17 x 3.5in	40-spoke, 17 x 3.5in
Tyres				
Front	100/90 19	100/90 19	100/90 18	100/90 19
Rear	130/80 17	130/80 17	130/80 R 17	130/80 17
Suspension				
Front	41mm forks	41mm forks	41mm forks with adjustable preload	41mm forks
Rear	Chromed spring twin shocks with adjustable preload	Chromed spring twin shocks with adjustable preload	Chromed spring twin shocks with adjustable preload	Chromed spring twin shocks with adjustable preload
Brakes				
Front	Single 310mm disc, 2 piston caliper	Single 310mm disc, 2 piston caliper	Single 320mm floating disc, 2 piston caliper	Single 310mm disc, 2 piston caliper
Rear	Single 255mm disc, 2 piston caliper	Single 255mm disc, 2 piston caliper	Single 255mm disc, 2 piston caliper	Single 255mm disc, 2 piston caliper
Dimensions				
Length	2230mm (87.8in)	2230mm (87.8in)	2150mm (84.6in)	2213mm (87.1in)
Width (handlebars)	840mm (33.1in)	840mm (33.1in)	695mm (27.4in)	865mm (34.1in)
Height	1100mm (43.3in)	1100mm (43.3in)	1095mm (43.1in)	1202mm (47.3in)
Seat Height	775mm (30.5in)	775mm (30.5in)	790mm (31.1in)	825mm (32.5in)
Wheelbase	1500mm (59.1in)	1500mm (59.1in)	1490mm (56.7in)	1500mm (59.1in)
Rake / Trail	28°/110mm	28°/110mm	27°/97mm	27.8°/105mm
Weight (dry)	205kg (451lbs)	205kg (451lbs)	205kg (451lbs)	205kg (451lbs)
Fuel Tank Capacity	16.6 litres (4.4 gal US)	16.6 litres (4.4 gal US)	16.6 litres (4.4 gal US)	16.6 litres (4.4 gal US)
Performance (Measured at crankshaft to DIN 70020)				
Maximum Power	62PS (61bhp) at 7,300rpm	67PS (66bhp) at 7,200rpm	70PS (69bhp) at 7,200rpm	55PS (54bhp) at 7,000rpm
Maximum Torque	60Nm (44ft.lbf) at 7,200rpm	70.5Nm (52ft.lbf) at 6,000rpm	72Nm (53ft.lbf) at 6,400rpm	69Nm (51ft.lbf) at 5,000rpm
Colour	Jet Black/ Aluminium Silver, Goodwood Green	White/Tangerine, Jet Black/Tornado Red	Jet Black/Silver, Racing Yellow/ Silver, Caspian Blue/Silver	Caspian Blue/White, Tornado Red/White

¹Also available with black engine finish

49



Technical Details

Modern Classics



50



Technical Details

Urban Sports



Model	Daytona 675	Speed Triple	Sprint ST	Daytona 955i	Tiger
Engine Type	Liquid-cooled, DOHC, in-line 3-cylinder	Liquid-cooled, DOHC, in-line 3-cylinder	Liquid-cooled, DOHC, in-line 3-cylinder	Liquid-cooled, DOHC, in-line 3-cylinder	Liquid-cooled, DOHC, in-line 3-cylinder
Capacity	675cc	1050cc	1050cc	955cc	955cc
Bore / Stroke	74.0 x 52.3mm	79 x 71.4mm	79 x 71.4mm	79 x 65mm	79 x 65mm
Compression Ratio	12.65:1	12.0:1	12.0:1	12.0:1	11.65:1
Fuel System	Multipoint sequential electronic fuel injection with forced air induction	Multipoint sequential electronic fuel injection	Multipoint sequential electronic fuel injection	Multipoint sequential electronic fuel injection	Multipoint sequential electronic fuel injection
Ignition	Digital – inductive type – via electronic engine management system	Digital – inductive type – via electronic engine management system	Digital – inductive type – via electronic engine management system	Digital – inductive type – via electronic engine management system	Digital – inductive type – via electronic engine management system
Transmission					
Primary Drive	Gear	Gear	Gear	Gear	Gear
Final Drive	O ring chain	X ring chain	X ring chain	X ring chain	X ring chain
Clutch	Wet, multi-plate	Wet, multi-plate	Wet, multi-plate	Wet, multi-plate	Wet, multi-plate
Gearbox	6-speed, close ratio	6-speed	6-speed	6-speed	6-speed
Cycle Parts					
Frame	Aluminium beam twin spar	Tubular, fabricated aluminium alloy perimeter	Aluminium beam perimeter	Tubular, fabricated aluminium alloy perimeter	Tubular steel perimeter
Swingarm	Braced, twin-sided, aluminium alloy with adjustable pivot position	Single-sided, aluminium alloy with eccentric chain adjuster	Single-sided, aluminium alloy with eccentric chain adjuster	Single-sided, aluminium alloy with eccentric chain adjuster	Twin-sided, aluminium alloy
Wheels					
Front	Alloy 5-spoke, 17 x 3.5in	Alloy 5-spoke, 17 x 3.5in	Alloy 5 -spoke, 17 x 3.5in	Alloy 3-spoke, 17 x 3.5in	Cast, 14-spoke, 19 x 2.5in
Rear	Alloy 5-spoke, 17 x 5.5in	Alloy 5-spoke, 17 x 5.5in	Alloy 5 -spoke, 17 x 5.5in	Alloy 3-spoke, 17 x 6.0in	Cast, 14-spoke, 17 x 4.25in
Tyres					
Front	120/70 ZR 17	120/70 ZR 17	120/70 ZR 17	120/70 ZR 17	110/80 V 19
Rear	180/55 ZR 17	180/55 ZR 17	180/55 ZR 17	190/50 ZR 17	150/70 V 17
Suspension					
Front	41mm USD forks with adjustable preload, rebound and compression damping	43mm USD forks with dual rate springs and adjustable preload, rebound and compression damping	43mm cartridge forks with dual rate springs and adjustable preload	45mm forks with dual rate springs and adjustable preload, rebound and compression damping	43mm forks
Rear	Monoshock with piggy back reservoir adjustable for preload, rebound and compression damping	Monoshock with adjustable preload, rebound and compression damping	Monoshock with adjustable preload and rebound damping	Monoshock with adjustable preload, rebound and compression damping	Monoshock with remotely adjustable preload and rebound damping
Brakes					
Front	Twin 308mm floating discs, 4 piston radial calipers with radial master cylinder	Twin 320mm floating discs, 4 piston radial calipers	Twin 320mm floating discs, 4 piston calipers (ABS model available)	Twin 320mm floating discs, 4 piston calipers	Twin 310mm discs, 2 piston calipers
Rear	Single 220mm disc, single piston caliper	Single 220mm disc, 2 piston caliper	Single 255mm disc, 2 piston caliper	Single 220mm disc, 2 piston caliper	Single 285mm disc, 2 piston caliper
Dimensions					
Length	2010mm (79.1in)	2112mm (83.1in)	2114mm (83.2in)	2072mm (81.6in)	2250mm (88.6in)
Width (handlebars)	673mm (26.5in)	780mm (30.7in)	750mm (29.5in)	725mm (28.5in)	860mm (33.8in)
Height	1109mm (43.7in)	1240mm (48.8in)	1145mm (45.1in)	1165mm (45.9in)	1390mm (54.7in)
Seat Height	825mm (32.5in)	815mm (32.1in)	805mm (31.7in)	815mm (32.1in)	840-860mm (33.1-33.8in)
Wheelbase	1392mm (54.8in)	1425mm (56.1in)	1457mm (57.4in)	1426mm (56.1in)	1515mm (59.6in)
Rake / Trail	23.5°/86.8mm	23.5°/84mm	24°/90mm	22.5°/78.7mm	25.8°/87.9mm
Weight (dry)	165kg (363lbs)	189kg (416lbs)	210kg (462lbs) (ABS model: 213kg (469lbs))	191kg (420lbs)	215kg (474lbs)
Fuel Tank Capacity	17.4 litres (4.6 gal US)	18 litres (4.7 gal US)	20 litres (5.2 gal US)	20 litres (5.2 gal US)	24 litres (6.3 gal US)
Performance (Measured at crankshaft to DIN 70020)					
Maximum Power	125PS (123bhp) at 12,500rpm	130PS (128bhp) at 9,100rpm	125PS (123 bhp) at 9,100rpm	149PS (147bhp) at 10,700rpm	106PS (105bhp) at 8,900rpm
Maximum Torque	72Nm (53ft.lbf) at 11,750rpm	105Nm (78ft.lbf) at 7,500rpm	105Nm (77ft.lbf) at 7,500rpm	100Nm (74ft.lbf) at 8,200rpm	98Nm (71ft.lbf) at 5,700rpm
Colour	Graphite, Tornado Red, Scorched Yellow	Jet Black, Neon Blue, Fusion White, Scorched Yellow	Caspian Blue, Sunset Red, Aluminium Silver	Jet Black, Scorched Yellow	Jet Black, Caspian Blue, Aluminium Silver

AUSTRALIA
Triumph Australia
Tel: +61 3 9381 9766
Fax: +61 3 9381 9798

AUSTRIA
Triumph Motorrad
Deutschland GmbH
Tel: +49 6175 933610
Fax: +49 6175 933627

BENELUX
Triumph Motorcycles BV
Tel: +31 725 410311
Fax: +31 725 410312

BRAZIL
Izzo Triumph
Tel: +55 11 3081 7873
Fax: +55 11 3081 7873

CANADA
Triumph Motorcycles
(America) Ltd
Tel: +1 678 854 2010
Fax: +1 678 854 2025

CYPRUS
Fairways Nicosia Ltd
Tel: +357 2266 3131
Fax: +357 2268 1903

DENMARK
Triumph Motorcycles AB
Tel: +46 868 00725
Fax: +46 868 00785

EIRE
Triumph Motorcycles Limited
Tel: +44 1455 251700
Fax: +44 1455 453104

FINLAND
Triumph Motorcycles AB
Tel: +46 868 00725
Fax: +46 868 00785

FRANCE
Triumph S.A.
Tel: +33 1 64 62 38 38
Fax: +33 1 64 80 58 28

GERMANY
Triumph Motorrad
Deutschland GmbH
Tel: +49 6175 933610
Fax: +49 6175 933627

GREECE
Eliofil S.A.
Tel: +30 210 28 49 200
Fax: +30 210 28 42 226

GUATEMALA
Comeca
Tel: +502 420 8989
Fax: +502 334 7453

HONG KONG
MF Jebson International Ltd
Tel: +852 2366 2017
Fax: +852 2191 9117

HUNGARY
Frontosa Motor Ltd
Tel: +36 1 270 0755
Fax: +36 1 270 0785

ITALY
Triumph Motorcycles srl
Tel: +39 02 934 5451
Fax: +39 02 935 82575

JAPAN
Triumph Japan KK
Tel: +81 3 5501 3474
Fax: +81 3 5501 3469

KUWAIT/SAUDI ARABIA/BAHRAIN
Desert Star Trading Co
Tel: +965 484 9830
Fax: +965 484 0078

MALTA
Cycle World Ltd
Tel: +356 2147 0053
Fax: +356 2147 0051

MEXICO
Triumph Mexico
Tel: +52 81 1001 8900
Fax: +52 81 1001 8942

NEW ZEALAND
Triumph Motorcycles
(NZ) Ltd
Tel: +64 9 270 0904
Fax: +64 9 270 0680

NORWAY
Triumph Motorcycles AB
Tel: +46 868 00725
Fax: +46 868 00785

POLAND
Inter Motors
Tel: +0801 88 20 88
Fax: +22 714 1918

PORTUGAL
Cimpomóvel Dealer, SA
Tel: +351 21 845 5300
Fax: +351 21 845 5301

PUERTO RICO
Bella Retail Group
Tel: +787 620 6970
Fax: +787 620 6990

RUSSIA
Triumph Motorcycles AB
Tel: +46 868 00725
Fax: +46 868 00785

SINGAPORE
Cyclenet Pte Ltd
Tel: +65 6295 6393
Fax: +65 6295 0748

SLOVENIA
Triumph Motorrad
Deutschland GmbH
Tel: +49 6175 933610
Fax: +49 6175 933627

SOUTH AFRICA
Triumph South Africa
Tel: +27 11 448 1112
Fax: +27 11 448 2340

SPAIN
Proeuropa Motor SL
Tel: +34 91 433 2585
Fax: +34 91 552 2576

SWEDEN
Triumph Motorcycles AB
Tel: +46 868 00725
Fax: +46 868 00785

SWITZERLAND
Triumph S.A.S.
Tel: +33 1 64 62 38 38
Fax: +33 1 64 80 58 28

TAIWAN
Triumph Taiwan
Motorcycles Limited
Tel: +886 2 8511 0185
Fax: +886 2 8511 0187

UNITED ARAB EMIRATES
Motorcycle City
Tel: +971 433 38336
Fax: +971 433 38337

UNITED KINGDOM
Triumph Motorcycles Limited
Tel: +44 1455 251700
Fax: +44 1455 453104

USA
Triumph Motorcycles
(America) Ltd
Tel: +1 678 854 2010
Fax: +1 678 854 2025

Information and Distributors

At Triumph we want every ride to be safe and enjoyable. Be sure to ride safely, defensively and within the limits of the law, the road conditions and your abilities. Take a riding skills course. Always wear an approved helmet, eye protection and appropriate clothing and always insist that any passenger does the same. Never ride while under the influence of alcohol or drugs. Study your owner's manual and always inspect your Triumph before riding.

Data given to UK market specification. Specification may vary by market.

All details correct at time of going to press.

Triumph Motorcycles Limited reserve the right to make changes without prior notice.

Please consult your dealer for model and colour availability.

© 2005 Triumph Motorcycles Limited.

All rights reserved.

Triumph Motorcycles Limited,
Normandy Way, Hinckley LE10 3BZ
England

www.triumphmotorcycles.com

51