

Minicycles MY24	TC 50	TC 65	TC 85 - 17"/14"	TC 85 - 19"/16"
Engine				
Engine type	Single cylinder, 2-stroke	Single cylinder, 2-stroke	Single cylinder, 2-stroke	Single cylinder, 2-stroke
Displacement	49,9cc	64,9cc	84,9cc	84,9cc
Bore/stroke	39,5/40,7 mm	45/40,8 mm	47/48,95 mm	47/48,95 mm
Starter	Kickstarter	Kickstarter	Kickstarter	Kickstarter
Carburetor	Dell'Orto PHBG 19 BS	Mikuni VM 24	Keihin PWK 28	Keihin PWK 28
Control	-	Slide valve, exhaust gas pressure dependent	Exhaust flap (rpm dependent)	Exhaust flap (rpm dependent)
Lubrication	Mixture lubrication 1:60	Mixture lubrication 1:60	Mixture lubrication 1:40	Mixture lubrication 1:40
Transmission oil	ATF "Motorex Dexron 3"	Motorex Topspeed 4T 15W50	Motorex Topspeed 4T 15W50	Motorex Topspeed 4T 15W50
Transmission	Single gear automatic	6 gears	6 gears	6 gears
Gear ratios	14:31	13:37 16:34 18:31 21:30 23:28 24:26	11:29 14:28 16:26 19:26 21:25 20:21	11:29 14:28 16:26 19:26 21:25 20:21
Primary ratio	33:61	23:75	20:64	20:64
Final drive	11:40	14:48	13:46	13:49
Cooling	Liquid cooling	Liquid cooling	Liquid cooling (0,8 L)	Liquid cooling (0,8 L)
Clutch	Centrifugal clutch (adjustable)	Wet multi-disc clutch, Formula hydraulics	Wet multi-disc clutch, Formula hydraulics	Wet multi-disc clutch, Formula hydraulics
Ignition	SELETTA digital	HIDRIA digital	MEDJ digital	MEDJ digital
Chassis				
Frame	Central double-cradle-type frame	Central double-cradle-type frame	Central double-cradle-type frame	Central double-cradle-type frame
Subframe	Steel / Polyamide glass fiber	Steel / Polyamide glass fiber	Aluminium	Aluminium
Handlebar	Tapered aluminium Ø 28/22/18 mm	Tapered aluminium Ø 28/22/18 mm	Tapered aluminium, Ø 28/22 mm	Tapered aluminium, Ø 28/22 mm
Front suspension	XACT 35 WP Upside-Down fork, Ø 35 mm	XACT 35 WP Upside-Down fork, Ø 35 mm	XACT 43 WP Upside-Down fork, Ø 43 mm	XACT 43 WP Upside-Down fork, Ø 43 mm
Rear suspension	XACT WP monoshock	XACT WP monoshock	XACT WP PDS monoshock	XACT WP PDS monoshock
Suspension travel front/rear	200,6/190,5 mm	215/253,5 mm	278/305 mm	278/305 mm
Front brake	Disc brake Ø 160 mm	Disc brake Ø 198 mm	Disc brake Ø 240 mm	Disc brake Ø 240 mm
Rear brake	Disc brake Ø 160 mm	Disc brake Ø 180 mm	Disc brake Ø 220 mm	Disc brake Ø 220 mm
Front/rear rims	1,50 x 12"; 1,60 x 10" Alu	1,60 x 14"; 1,60 x 12" Alu	1,40 x 17"; 1,60 x 14" Alu	1,60 x 19"; 1,85 x 16" Alu
Front/rear tires	60/100 x 12"; 2,75 x 10"	60/100 x 14"; 80/100 x 12"	70/100 x 17"; 90/100 x 14"	70/100 x 19"; 90/100 x 16"
Chain	415, Non-sealed	420, Non-sealed	428, Non-sealed	428, Non-sealed
Silencer	Aluminium	Aluminium	Aluminium	Aluminium
Steering head angle	66°	64,5°	66°	66°
Triple clamp offset	22 mm	22 mm	14 mm	14 mm
Wheel base	1,026 mm ± 10 mm	1,142 mm ± 10 mm	1,290 mm ± 10 mm	1,290 mm ± 10 mm
Ground clearance	233 mm	259 mm	336 mm	362 mm
Seat height	645 mm	721,5 mm	865 mm	890 mm
Tank capacity	ca. 2,35 Liter	ca. 3,5 Liter	ca. 5,2 Liter	ca. 5,2 Liter
Weight, without fuel	approx. 42,5 kg	approx. 53,5 kg	approx. 67 kg	approx. 68 kg