

HEADQUARTERS

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The information in this brochure may differ from
the available models.
See your SYM dealers for more details.

2022 **SYM** COLLECTION



OUR BRAND VALUE

QUALITY

Taking punctuality, quality and precision as the standard of every task and result.

INNOVATION

Combining continuous improvement, new thinking and new technology to increase competitiveness.

SERVICE

Facilitating refined expertise and optimizing customers' experience to enhance brand satisfaction.

ICON INDEX

SYM



Zero-Resistance Starter & Generator System

The alternator directly drives the crankshaft to start the engine, so the vehicle can be started smoothly and quietly.



LED Optical Film Taillight

The light-transmitting film is adopted between the LED light source and the outer lens. The particles on the film make the special effect on the taillight.



Advanced Brake Light

Braking suddenly will cause the brake light flashes automatically to warn the vehicles behind.



Anti-Lift Engine Hanger System

A.L.E.H is the special engine hanger system which improves the riding stability while opening throttle.



2-in-1 Parking Brake System

The 2-in-1 side stand combines the parking brake function. Kicking down the side stand to apply the brake. Get your parking easily with no hassle.

ENGINE



Twin-Cylinder Engine



Liquid-Cooled Engine



Centrifugal Wet Clutch



Double Overhead Camshaft



Start & Stop

FRAME



LED Light



TFT Instrument



LED Instrument



LCD Instrument



Anti-Lock Braking System



Combined Braking System



Motorbike-Type Engine Mounting



Upside-Down Fork



Dual Triple Clamp



Adjustable Rear Suspension



Multi-Link Mono-Shock Absorber



Hazard Control Light



Traction Control System



Keyless



Tool-Free Adjustable Windshield



Adjustable Windshield



2 Helmets Storage



Camcorder Installation Hole



Quick Charge



Adjustable Waistrest

CRUISER

MAXSYM TL 508	09 - 14
MAXSYM 400	15 - 20
JOYRIDE 300	21 - 24
CRUISYM α 125/300	25 - 26
JOYMAX Z ⁺ 125/250/300	27 - 28
JOYRIDE S 125/200	29 - 30
JET X 125	31 - 32
JET 14 50/125/200	33 - 34

URBANITY

DRG BT 160	51 - 52
FNX 125	53 - 54
JET 4 RX 50/125	55 - 56
X'PRO 50/125	57 - 58
ORBIT III 50/125	59 - 60
CROX 50	61 - 62

ADVENTURE

SYMNH T 125/200/300	73 - 74
SYMNH X 125	75 - 76
VF 185	77 - 78
VF 125	79 - 80

HIGH WHEEL

JOYRIDE 300 16	37 - 38
HD300	39 - 40
SYMPHONY ST 50/125/200	41 - 42
SYMPHONY 50/125/200	43 - 44
SYMPHONY SR 125	45 - 46
SYMPHONY CARGO 50/125	47 - 48

RETRO

FIDDLE 50/125	65 - 66
FIDDLE II 50	67 - 68
MIO 50	69 - 70

e SCOOTER

FIDDLE ELECTRIC	83 - 84
MIO ELECTRIC	85 - 86
e X'PRO	87 - 88



CRUISER



MAXSYM TL 508

MAXSYM 400

JOYRIDE 300

CRUISYM *α* 125/300

JOYMAX Z+ 125/250/300

JOYRIDE S 125/200

JET X 125

JET 14 50/125/200

CRUISER

MAXSYM TL 508

FOLLOW YOUR INSTINCT

A remarkable machine that has two souls: scooter and motorcycle. Nothing needs to be sacrificed due to the perfect art of fusion. All you have to do is enjoying the outstanding maneuverability and unbelievable convenience. TL's nature even transforms your daily commutes into breathtaking exploration! The privilege is only for you.



Concise and Aggressive Style

Based on the idea of fluidic concept, Maxsym TL presents a concise and aggressive style through the neat and upswept body curve.

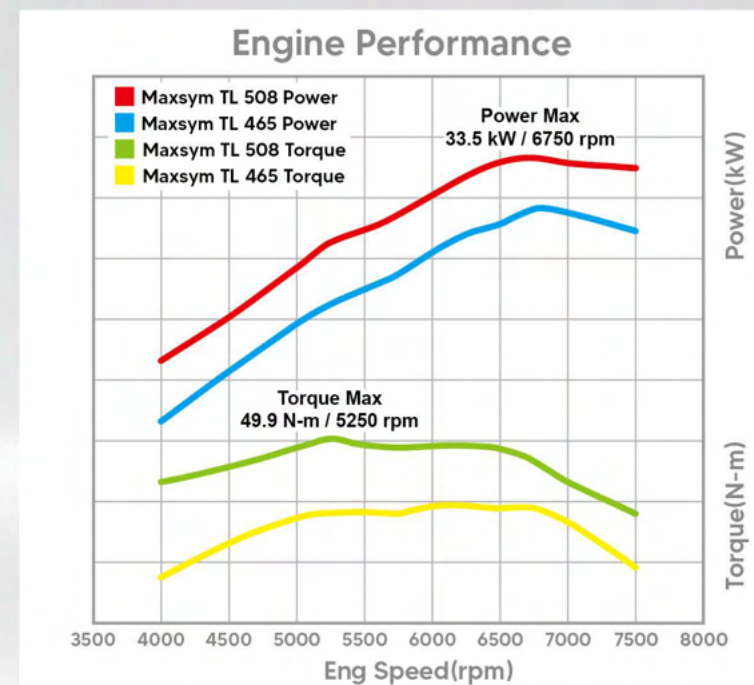
Modern and Futuristic LED Lighting

LED headlights combined with LED position lights give the scooter an impressive look on the road. Rear light adopting the latest technology - LED OPTICAL FILM - makes the tail light an iconic symbol with its 3D dazzling flame effect.



Better Engine Performance

There was a significant increase in both max power and torque, with 11.6% and 17.4% respectively. MAXSYM TL not only complies with Euro 5 but also brings the excitement to the next level.



Single-Sided Multi-Link Rear Suspension

The TL features the exquisite multi-link rear suspension combining with the steel trellis frame. This architecture enables you to sense every inch of road feedback.

Thin-Shell Structure Aluminum Alloy Wheel

The light weight manufacturing method decreased 37% wheel weight. The deducted unsprung mass brings you excellent dynamic reaction.



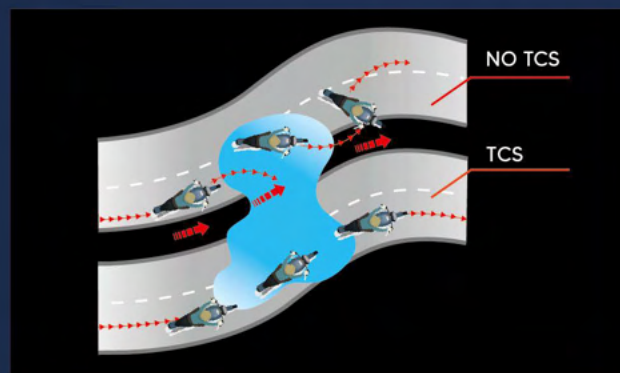
2-Position Adjustable Windscreen



Auto-Dimmer 4.5" TFT Virtual Instrument Panel



Keyless System



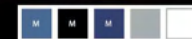
Traction Control System



2-in-1 Parking Brake System



Dual Radial 4-Piston Front Caliper + 275mm Wave Discs with Continental ABS



MODEL	MAXSYM TL 508
ENGINE	
ENGINE TYPE	2-cylinder, Liquid-cooled 4-stroke, DOHC, 8-valve
DISPLACEMENT	508 c.c.
BORE x STROKE	Ø 68 x 70 mm
MAXIMUM POWER	33.5 kW / 6,750 rpm
MAXIMUM TORQUE	49.9 Nm / 5,250 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.
CHASSIS	
FRONT SUSPENSION	Upside-down Fork
REAR SUSPENSION	Single-sided Mono-shock with Multi-link
FRONT BRAKE	Double disc Ø 275 mm + ABS
REAR BRAKE	Disc Ø 275 mm + ABS
FRONT TYRE	120 / 70-15
REAR TYRE	160 / 60-15
DIMENSIONS	
OVERALL LENGTH	2,215 mm
OVERALL WIDTH	800 mm
OVERALL HEIGHT	1,442 mm
SEAT HEIGHT	795 mm
WHEEL BASE	1,543 mm
FUEL TANK CAPACITY	12.5L
FEATURES	

MAXSYM 400*Let's Go Forward*

Inherited the spirit of previous model, Maxsym 400 EU5 retains its elegant look while embodying the mature and hi-tech elements into the new version. The transformations are not just from the outside but also within the body and performance. SYM R&D lab achieved more on mechanical improvement to build a better frame system, an upgraded maneuverability and agility.

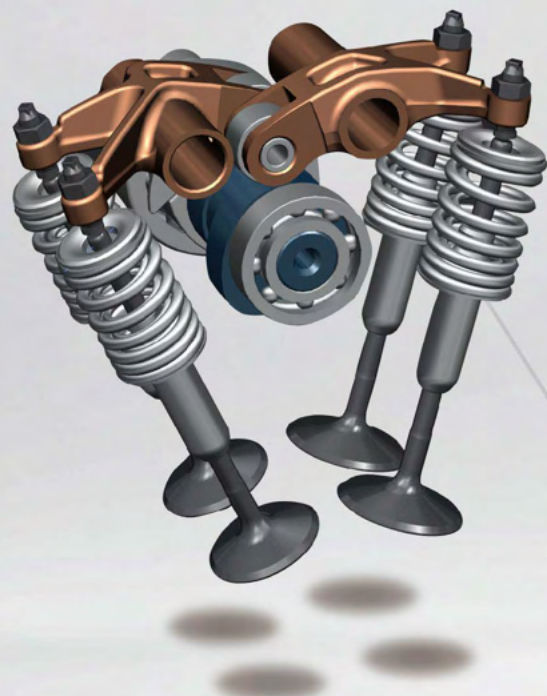
**LED Tail Light**

The special made LED tail light gives Maxsym 400 the hi-tech look and unique identity.

Three-Eye LED Head Light

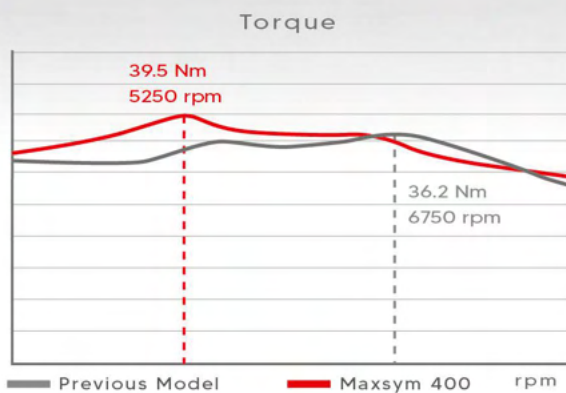
The new LED headlight not only increases the visibility but also brings out your personality. The new three-eye design creates the modern and tech-savvy front face for Maxsym 400.





Upgrade Roller Rocker Arm

With mechanical improvement, Maxsym 400 can accomplish more than its predecessor, such as reducing the wear of parts, decreasing heat generation and unnecessary power consumption caused by friction. Fuel consumption is also reduced with this change.



Improved Engine Performance

There has been an increase of 9.2% in low-rev performance, compared to previous model.

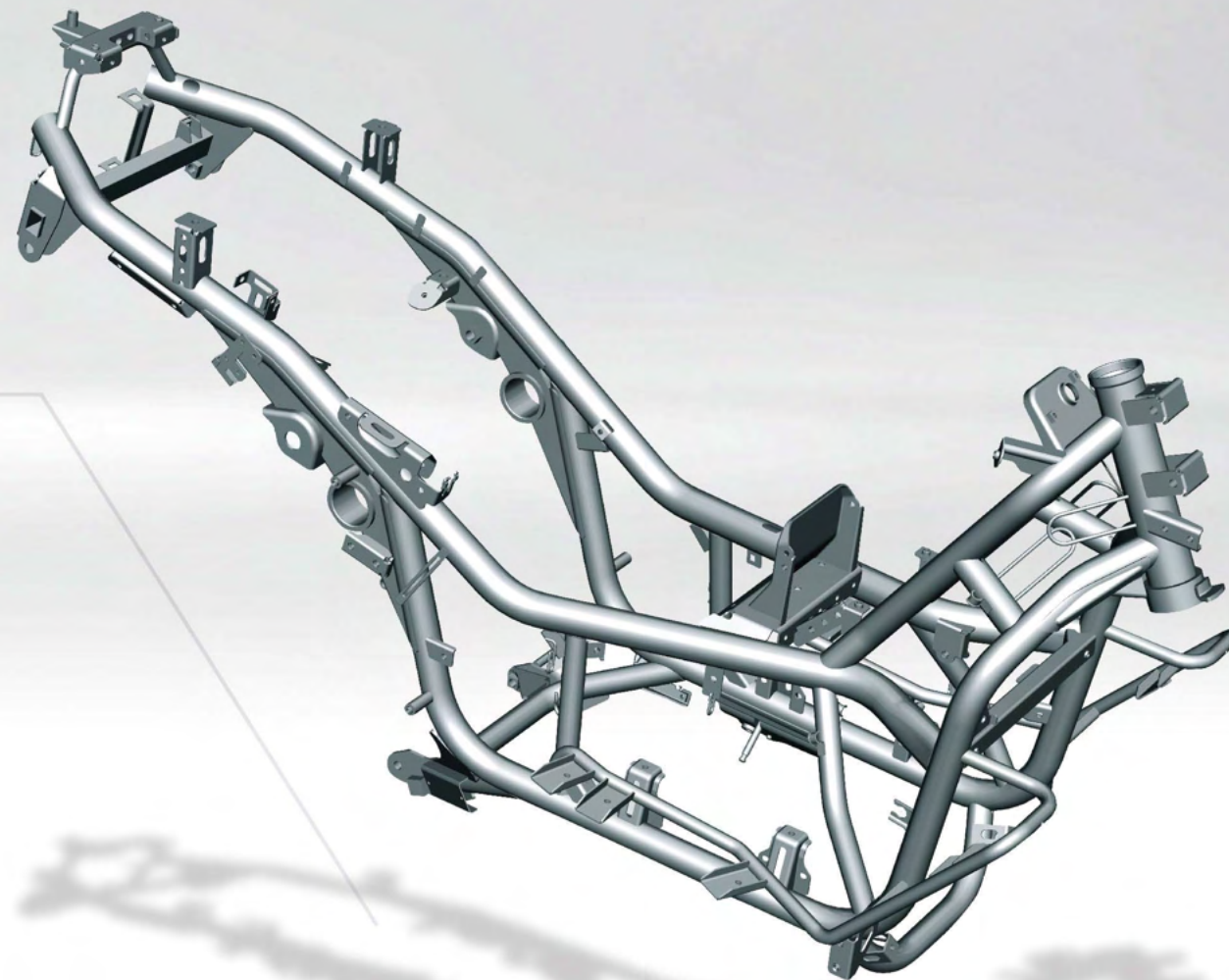
	Power (kW)	Weight (kg)	Power to Weight (kW/kg)
Maxsym 400	25	215	0.12
Previous Model	26.1	234	0.11

Better Power-to-Weight Ratio

The overall weight is 8.12% lighter, which makes the power to weight ratio improves by 4.25%.

18.5% Lighter Frame

As the core structure of vehicles, SYM R&D changes the frame design and makes it 18.5 % lighter than its predecessor. With this foundational improvement, Maxsym 400 is able to have the inside out upgrade.

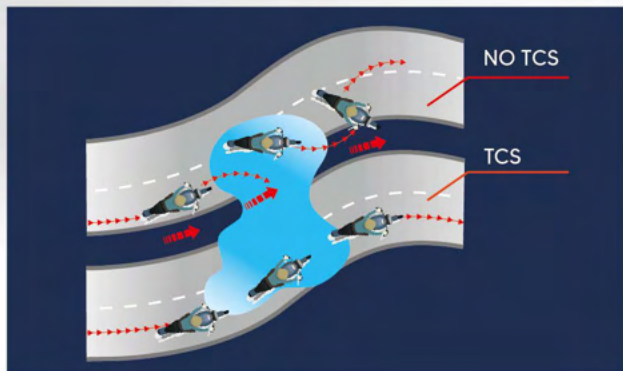




Tool-Free Adjustable Windshield



Wide Open Seat



Traction Control System



2 Helmets Storage



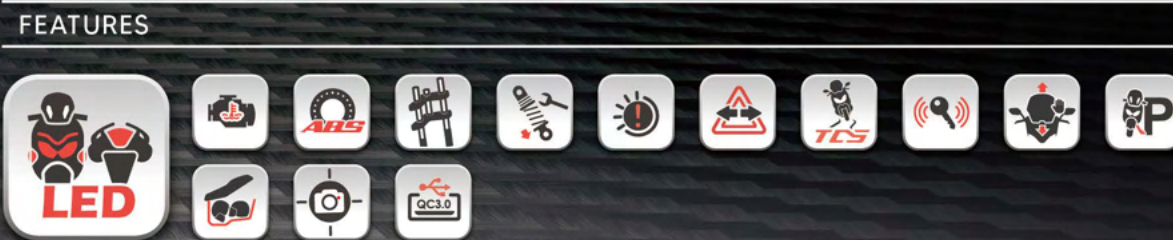
Advanced Brake Light



Keyless System



MODEL	MAXSYM 400
ENGINE	
ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	399 c.c.
BORE x STROKE	Ø 83 x 73.8 mm
MAXIMUM POWER	25.0 kW / 6,750 rpm
MAXIMUM TORQUE	39.5 Nm / 5,250 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.
CHASSIS	
FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Double disc Ø 275 mm + ABS
REAR BRAKE	Disc Ø 275 mm + ABS
FRONT TYRE	120 / 70-15
REAR TYRE	160 / 60-14
DIMENSIONS	
OVERALL LENGTH	2,232 mm
OVERALL WIDTH	820 mm
OVERALL HEIGHT	1,417 mm
SEAT HEIGHT	800 mm
WHEEL BASE	1,555 mm
FUEL TANK CAPACITY	13 L



JOYRIDE

Joyride 300 emphasizes compactness, agility, safety and convenience. The sport and slim body give you a better travel experience within city. To increase the practicality of this new model, there are many convenient features such as keyless system, adjustable windshield, quick charge 3.0, and 2 helmets storage, etc. All of these good traits are for daily commuters and suburban explorers.



LED Headlight

This dual reflector LED headlight creates a distinctive front face for Joyride 300. The design not only increases the visibility but also brings out your personality.



LED Tail Light

The special made LED tail light gives Joyride 300 the unique identity.



Keyless System



Adjustable Windshield



LCD Instrument



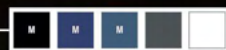
Anti-lock Braking System



MODEL	JOYRIDE 300
ENGINE	
ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	278.3 c.c.
BORE x STROKE	Ø 75 x 63 mm
MAXIMUM POWER	19.0 kW / 8,000 rpm
MAXIMUM TORQUE	26.0 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.
CHASSIS	
FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 240 mm + ABS
FRONT TYRE	120 / 70 - 15
REAR TYRE	140 / 70 - 14
DIMENSIONS	
OVERALL LENGTH	2,215 mm
OVERALL WIDTH	765 mm
OVERALL HEIGHT	1,400 mm
SEAT HEIGHT	770 mm
WHEEL BASE	1,500 mm
FUEL TANK CAPACITY	11.5 L

FEATURES

CRUISYM α



MODEL CRUISYM α 125 / 300

ENGINE

ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve	
DISPLACEMENT	124.9 c.c.	278.3 c.c.
BORE x STROKE	\varnothing 53 x 56.6 mm	\varnothing 75 x 63 mm
MAXIMUM POWER	10.5 kW / 8,750 rpm	19.1 kW / 7,500 rpm
MAXIMUM TORQUE	11.8 Nm / 6,750 rpm	26.2 Nm / 6,750 rpm
FUEL SYSTEM	E.F.I.	
TRANSMISSION	C.V.T.	

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc \varnothing 260 mm + ABS
REAR BRAKE	Disc \varnothing 240 mm + ABS
FRONT TYRE	120 / 70-14
REAR TYRE	140 / 60-13

DIMENSIONS

OVERALL LENGTH	2,189 mm
OVERALL WIDTH	756 mm
OVERALL HEIGHT	1,432 mm
SEAT HEIGHT	750 mm / 760 mm
WHEEL BASE	1,550 mm
FUEL TANK CAPACITY	12 L

FEATURES



JOYMAX Z+ 



MODEL JOYMAX Z+ 125 / 250 / 300

ENGINE

ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve		
DISPLACEMENT	124.9 c.c.	249.4 c.c.	278.3 c.c.
BORE x STROKE	Ø 53 x 56.6 mm	Ø 71 x 63 mm	Ø 75 x 63 mm
MAXIMUM POWER	10.5 kW / 8,750 rpm	15.8 kW / 7,500 rpm	19.1 kW / 7,500 rpm
MAXIMUM TORQUE	11.8 Nm / 6,750 rpm	22.5 Nm / 5,500 rpm	26.2 Nm / 6,750 rpm
FUEL SYSTEM	E.F.I.		
TRANSMISSION	C.V.T.		

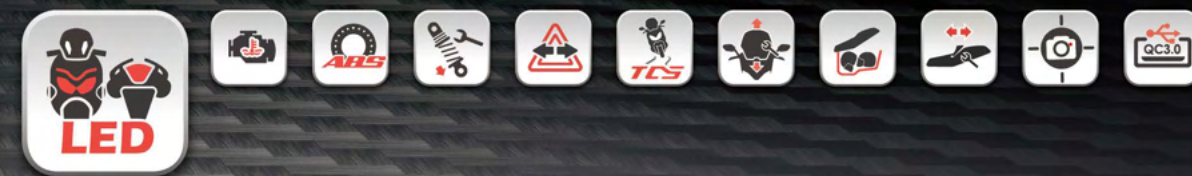
CHASSIS

FRONT SUSPENSION	Telescopic Fork		
REAR SUSPENSION	Dual Shock		
FRONT BRAKE	Disc Ø 260 mm + ABS		
REAR BRAKE	Disc Ø 240 mm + ABS		
FRONT TYRE	120 / 70 - 14		
REAR TYRE	140 / 60 - 13		

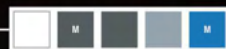
DIMENSIONS

OVERALL LENGTH	2,190 mm		
OVERALL WIDTH	750 mm	760 mm	
OVERALL HEIGHT	1,422 mm		
SEAT HEIGHT	770 mm	747 mm	
WHEEL BASE	1,550 mm		
FUEL TANK CAPACITY	12 L		

FEATURES



Joyride



MODEL

JOYRIDE S 125 / 200

ENGINE

ENGINE TYPE 1-cylinder, Liquid-cooled
4-stroke, OHC, 4-valve

DISPLACEMENT	124.9 c.c.	175 c.c.
BORE x STROKE	Ø 53 x 56.6 mm	Ø 61 x 60 mm
MAXIMUM POWER	10.2 kW / 9,000 rpm	12.5 kW / 8,250 rpm
MAXIMUM TORQUE	11.2 Nm / 7,000 rpm	15.6 Nm / 6,500 rpm

FUEL SYSTEM E.F.I.

TRANSMISSION C.V.T.

CHASSIS

FRONT SUSPENSION Telescopic Fork

REAR SUSPENSION Dual Shock

FRONT BRAKE Disc Ø 240 mm + CBS Disc Ø 240 mm + ABS

REAR BRAKE Disc Ø 200 mm + CBS Disc Ø 200 mm + ABS

FRONT TYRE 110 / 90 - 13

REAR TYRE 130 / 70 - 12

DIMENSIONS

OVERALL LENGTH 2,110 mm

OVERALL WIDTH 760 mm

OVERALL HEIGHT 1,400 mm

SEAT HEIGHT 760 mm

WHEEL BASE 1,430 mm

FUEL TANK CAPACITY 7.6 L

FEATURES



JET X



MODEL JET X 125

ENGINE

ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	124.6 c.c.
BORE x STROKE	Ø 52.4 x 57.8 mm
MAXIMUM POWER	9.3 kw / 8,000 rpm
MAXIMUM TORQUE	11.5 Nm / 6,500 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.

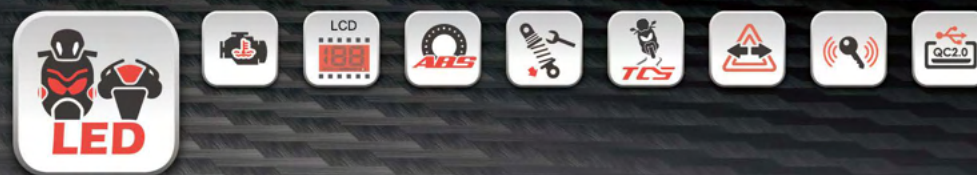
CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 260 mm + CBS / ABS
REAR BRAKE	Disc Ø 220 mm + CBS / ABS
FRONT TYRE	100 / 90-14
REAR TYRE	110 / 80-14

DIMENSIONS

OVERALL LENGTH	2,000 mm
OVERALL WIDTH	760 mm
OVERALL HEIGHT	1,115 mm
SEAT HEIGHT	770 mm
WHEEL BASE	1,350 mm
FUEL TANK CAPACITY	7.5 L

FEATURES



JET 14



MODEL

JET 14 50 / 125 / 200

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	49.46 c.c.	124.6 c.c.	168.9 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm	Ø 61 x 57.8 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm	9.3 kW / 8,000 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm	12.5 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.		
TRANSMISSION	C.V.T.		

CHASSIS

FRONT SUSPENSION	Telescopic Fork		
REAR SUSPENSION	Single Shock	Dual Shock	
FRONT BRAKE	Disc Ø 260 mm	Disc Ø 260 mm + CBS	Disc Ø 260 mm + CBS / ABS
REAR BRAKE	Drum Ø 130 mm	Drum Ø 130 mm + CBS	Disc Ø 220 mm + CBS / ABS
FRONT TYRE	100 / 90-14		
REAR TYRE	110 / 80-14		

DIMENSIONS

OVERALL LENGTH	1,990 mm		
OVERALL WIDTH	730 mm		
OVERALL HEIGHT	1,075 / 1,115 mm (with visor)		
SEAT HEIGHT	800 mm	785 mm	800 mm
WHEEL BASE	1,330 mm	1,350 mm	
FUEL TANK CAPACITY	7.5 L		

FEATURES



HIGH WHEEL



JOYRIDE 300 16

HD300

SYMPHONY ST 50/125/200

SYMPHONY 50/125/200

SYMPHONY SR 125

SYMPHONY CARGO 50/125

HIGH WHEEL

JOYRIDE 16



MODEL JOYRIDE 300 16

ENGINE

ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	278.3 c.c.
BORE x STROKE	Ø 75 x 63 mm
MAXIMUM POWER	19.0 kW / 8,000 rpm
MAXIMUM TORQUE	26.0 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 240 mm + ABS
FRONT TYRE	110 / 70 - 16
REAR TYRE	140 / 70 - 14

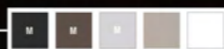
DIMENSIONS

OVERALL LENGTH	2,215 mm
OVERALL WIDTH	765 mm
OVERALL HEIGHT	1,400 mm
SEAT HEIGHT	778 mm
WHEEL BASE	1,500 mm
FUEL TANK CAPACITY	11.5 L

FEATURES



HD 300



MODEL HD 300

ENGINE

ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	278.3 c.c.
BORE x STROKE	Ø 75 x 63 mm
MAXIMUM POWER	18.9 kW / 7,500 rpm
MAXIMUM TORQUE	26.2 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.

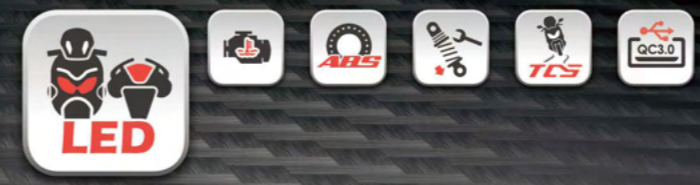
CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 287 mm + ABS
REAR BRAKE	Disc Ø 260 mm + ABS
FRONT TYRE	110 / 70 - 16
REAR TYRE	140 / 70 - 16

DIMENSIONS

OVERALL LENGTH	2,220 mm
OVERALL WIDTH	785 mm
OVERALL HEIGHT	1,220 mm
SEAT HEIGHT	805 mm
WHEEL BASE	1,505 mm
FUEL TANK CAPACITY	10 L

FEATURES



Symphony *ST*



MODEL

SYMPHONY ST 50 / 125 / 200

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	49.5 c.c.	124.6 c.c.	
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm	
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm	9.3 kW / 8,000 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm	12.5 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.		
TRANSMISSION	C.V.T.		

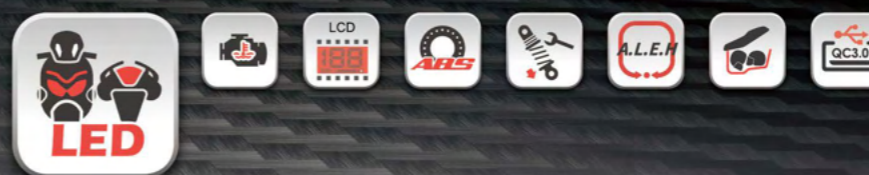
CHASSIS

FRONT SUSPENSION	Telescopic Fork		
REAR SUSPENSION	Dual Shock		
FRONT BRAKE	Disc Ø 260 mm	Disc Ø 260 mm + CBS	Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 240 mm	Disc Ø 220 mm + CBS	Disc Ø 220 mm + ABS
FRONT TYRE	110 / 70-16		
REAR TYRE	110 / 70 - 16	120 / 80-14	

DIMENSIONS

OVERALL LENGTH	2,070 mm		
OVERALL WIDTH	735 mm		
OVERALL HEIGHT	1,190 mm		
SEAT HEIGHT	800 mm		
WHEEL BASE	1,360 mm	1,385 mm	
FUEL TANK CAPACITY	7 L		

FEATURES



Symphony



MODEL

SYMPHONY 50 / 125 / 200

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve		
DISPLACEMENT	49.46 c.c.	124.6 c.c.	169 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm	Ø 61 x 57.8 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm	9 kW / 7,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm	12.5 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.		
TRANSMISSION	C.V.T.		

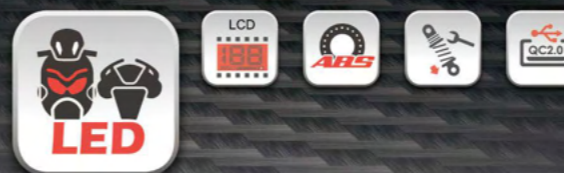
CHASSIS

FRONT SUSPENSION	Telescopic Fork		
REAR SUSPENSION	Dual Shock		
FRONT BRAKE	Disc Ø 260 mm	Disc Ø 260 mm + CBS	Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 240 mm	Disc Ø 240 mm + CBS	Disc Ø 240 mm + ABS
FRONT TYRE	110 / 70-16		
REAR TYRE	110 / 70-16		

DIMENSIONS

OVERALL LENGTH	1,980 mm		
OVERALL WIDTH	685 mm		
OVERALL HEIGHT	1,145 mm		
SEAT HEIGHT	790 mm		
WHEEL BASE	1,330 mm	1,350 mm	1,360 mm
FUEL TANK CAPACITY	5.4 L		

FEATURES



Symphony SR



MODEL	SYMPHONY SR 125
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ENGINE	
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ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	124.6 c.c.
BORE x STROKE	Ø 52.4 x 57.8 mm
MAXIMUM POWER	8.4 kW / 8,500 rpm
MAXIMUM TORQUE	10.3 Nm / 6,500 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.

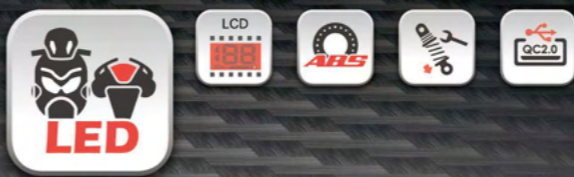
CHASSIS	
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FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 260 mm + CBS / Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 240 mm + CBS / Disc Ø 240 mm
FRONT TYRE	110 / 70-16
REAR TYRE	110 / 70-16

DIMENSIONS	
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OVERALL LENGTH	2,000 mm
OVERALL WIDTH	690 mm
OVERALL HEIGHT	1,290 mm
SEAT HEIGHT	790 mm
WHEEL BASE	1,330 mm
FUEL TANK CAPACITY	5.4 L

FEATURES	
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Symphony
CARGO



MODEL SYMPHONY CARGO 50 / 125

ENGINE

ENGINE TYPE 1-cylinder, Air-cooled
4-stroke, OHC, 2-valve

DISPLACEMENT	49.46 c.c.	124.6 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm

FUEL SYSTEM E.F.I.

TRANSMISSION C.V.T.

CHASSIS

FRONT SUSPENSION Telescopic Fork

REAR SUSPENSION Dual Shock

FRONT BRAKE	Disc Ø 226 mm	Disc Ø 260 mm + CBS
REAR BRAKE	Drum Ø 130 mm	Disc Ø 240 mm + CBS
FRONT TYRE	90 / 80-16	110 / 70-16
REAR TYRE	90 / 80-16	110 / 70-16

DIMENSIONS

OVERALL LENGTH	2,000 mm
OVERALL WIDTH	690 mm
OVERALL HEIGHT	1,125 mm
SEAT HEIGHT	790 mm
WHEEL BASE	1,330 mm
FUEL TANK CAPACITY	8 L

FEATURES



URBANITY



DRG BT 160

FNX 125

JET 4 RX 50/125

X'PRO 50/125

ORBIT III 50/125

CROX 50

URBANITY

DRG BT



MODEL	DRG BT 160
ENGINE	
ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	158 c.c.
BORE x STROKE	Ø 59 x 57.8 mm
MAXIMUM POWER	10.9 kW / 8,000 rpm
MAXIMUM TORQUE	14.6 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.
CHASSIS	
FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Single-sided Mono-shock
FRONT BRAKE	Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 230 mm + ABS
FRONT TYRE	120 / 70 - 13
REAR TYRE	130 / 70 - 13
DIMENSIONS	
OVERALL LENGTH	1,994 mm
OVERALL WIDTH	741 mm
OVERALL HEIGHT	1,135 mm
SEAT HEIGHT	803 mm
WHEEL BASE	1,380 mm
FUEL TANK CAPACITY	7.1 L
FEATURES	



FNX



MODEL	FNX 125
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ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	124.6 c.c.
BORE x STROKE	Ø 52.4 x 57.8 mm
MAXIMUM POWER	8.4 kW / 8,500 rpm
MAXIMUM TORQUE	10.3 Nm / 6,500 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 226 mm + CBS
REAR BRAKE	Disc Ø 220 mm + CBS
FRONT TYRE	110 / 70-12
REAR TYRE	120 / 70-12

DIMENSIONS

OVERALL LENGTH	1,895 mm
OVERALL WIDTH	685 mm
OVERALL HEIGHT	1,105 mm
SEAT HEIGHT	765 mm
WHEEL BASE	1,305 mm
FUEL TANK CAPACITY	6.2 L

FEATURES



JET 4 RX



MODEL

JET 4 RX 50 / 125

ENGINE

ENGINE TYPE 1-cylinder, Air-cooled
4-stroke, OHC, 2-valve

DISPLACEMENT	49.46 c.c.	124.6 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm

FUEL SYSTEM E.F.I.

TRANSMISSION C.V.T.

CHASSIS

FRONT SUSPENSION Telescopic Fork

REAR SUSPENSION Single Shock

FRONT BRAKE Disc Ø 226 mm Disc Ø 226 mm + CBS

REAR BRAKE Drum Ø 110 mm Drum Ø 130 mm + CBS

FRONT TYRE 110 / 70-12

REAR TYRE 120 / 70-12

DIMENSIONS

OVERALL LENGTH 1,900 mm

OVERALL WIDTH 745 mm

OVERALL HEIGHT 1,110 mm

SEAT HEIGHT 785 mm

WHEEL BASE 1,290 mm 1,320 mm

FUEL TANK CAPACITY 6.2 L

FEATURES



X'Pro



MODEL X'PRO 50 / 125

ENGINE

ENGINE TYPE 1-cylinder, Air-cooled
4-stroke, OHC, 2-valve

DISPLACEMENT	49.46 c.c.	124.6 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm

FUEL SYSTEM E.F.I.

TRANSMISSION C.V.T.

CHASSIS

FRONT SUSPENSION Telescopic Fork

REAR SUSPENSION Dual Shock

FRONT BRAKE Disc Ø 226 mm Disc Ø 226 mm + CBS

REAR BRAKE Drum Ø 110 mm Disc Ø 220 mm + CBS

FRONT TYRE 110 / 70-12

REAR TYRE 120 / 70-12

DIMENSIONS

OVERALL LENGTH	1,870 mm	1,900 mm
OVERALL WIDTH	690 mm	682 mm
OVERALL HEIGHT	1,125 mm	1,120 mm
SEAT HEIGHT	785 mm	
WHEEL BASE	1,305 mm	1,320 mm
FUEL TANK CAPACITY	6.2 L	

FEATURES



Orbit III



MODEL

ORBIT III 50/125

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve	
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DISPLACEMENT	49.46 c.c.	124.6 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm

FUEL SYSTEM	E.F.I.
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TRANSMISSION	C.V.T.
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CHASSIS

FRONT SUSPENSION	Telescopic Fork
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REAR SUSPENSION	Single Shock
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FRONT BRAKE	Disc Ø 226 mm	Disc Ø 226 mm + CBS
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REAR BRAKE	Drum Ø 110 mm	Drum Ø 130 mm + CBS
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FRONT TYRE	110 / 70-12
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REAR TYRE	120 / 70-12
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DIMENSIONS

OVERALL LENGTH	1,915 mm	1,900 mm
OVERALL WIDTH	680 mm	682 mm
OVERALL HEIGHT	1,125 mm	1,120 mm
SEAT HEIGHT	785 mm	
WHEEL BASE	1,290 mm	1,320 mm
FUEL TANK CAPACITY	6.2 L	

FEATURES



CROX



MODEL

CROX 50

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	49.46 c.c.
BORE x STROKE	Ø 37 x 46 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm
MAXIMUM TORQUE	3.0 Nm / 6,500 rpm
FUEL SYSTEM	ECS
TRANSMISSION	C.V.T.

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Single Shock
FRONT BRAKE	Disc Ø 226 mm
REAR BRAKE	Drum Ø 110 mm
FRONT TYRE	120 / 70-12
REAR TYRE	130 / 70-12

DIMENSIONS

OVERALL LENGTH	1,905 mm
OVERALL WIDTH	750 mm
OVERALL HEIGHT	1,095 mm
SEAT HEIGHT	813 mm
WHEEL BASE	1,310 mm
FUEL TANK CAPACITY	6.5 L

FEATURES



RETRO



FIDDLE 50/125

FIDDLE II 50

MIO 50

RETRO

Fiddle



MODEL

FIDDLE 50/125

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve	1-cylinder, Liquid-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	49.46 c.c.	124.6 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm
MAXIMUM POWER	2.2 kW / 8,000 rpm	8.4 kW / 8,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm 11 Nm / 6,500 rpm
FUEL SYSTEM	E.F.I.	
TRANSMISSION	C.V.T.	

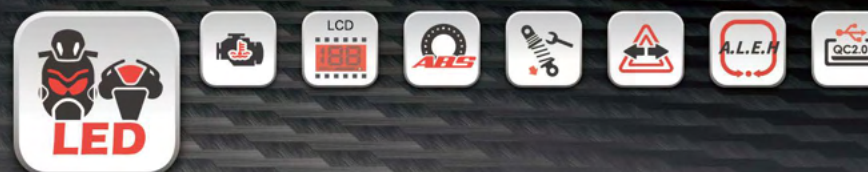
CHASSIS

FRONT SUSPENSION	Telescopic Fork		
REAR SUSPENSION	Dual Shock		
FRONT BRAKE	Disc Ø 226 mm	Disc Ø 226 mm + CBS	Disc Ø 226 mm + ABS
REAR BRAKE	Drum Ø 110 mm	Disc Ø 220 mm + CBS	Disc Ø 220 mm + ABS
FRONT TYRE	110 / 70-12		
REAR TYRE	120 / 70-12		

DIMENSIONS

OVERALL LENGTH	1,880 mm
OVERALL WIDTH	675 mm
OVERALL HEIGHT	1,115 mm
SEAT HEIGHT	780 mm
WHEEL BASE	1,295 mm 1,305 mm
FUEL TANK CAPACITY	6.2 L

FEATURES



Fiddle II



MODEL	FIDDLE II 50
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ENGINE	
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ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	49.46 c.c.
BORE x STROKE	Ø 37 x 46 mm
MAXIMUM POWER	2.0 kW / 6,500 rpm
MAXIMUM TORQUE	3.0 Nm / 5,500 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.

CHASSIS	
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FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Single Shock
FRONT BRAKE	Disc Ø 190 mm
REAR BRAKE	Drum Ø 110 mm
FRONT TYRE	110 / 70-12
REAR TYRE	120 / 70-12

DIMENSIONS	
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OVERALL LENGTH	1,875 mm
OVERALL WIDTH	690 mm
OVERALL HEIGHT	1140 mm
SEAT HEIGHT	765 mm
WHEEL BASE	1,285 mm
FUEL TANK CAPACITY	5.5 L

FEATURES	
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Mio



MODEL MIO 50

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	49.46 c.c.
BORE x STROKE	Ø 37 x 46 mm
MAXIMUM POWER	2.0 kW / 6,000 rpm
MAXIMUM TORQUE	3.2 Nm / 5,500 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	C.V.T.

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Single Shock
FRONT BRAKE	Disc Ø 160 mm
REAR BRAKE	Drum Ø 110 mm
FRONT TYRE	90 / 90-10
REAR TYRE	90 / 90-10

DIMENSIONS

OVERALL LENGTH	1,760 mm
OVERALL WIDTH	695 mm
OVERALL HEIGHT	1050 mm
SEAT HEIGHT	765 mm
WHEEL BASE	1,250 mm
FUEL TANK CAPACITY	5.2 L

FEATURES



ADVENTURE



SYMNH T 125/200/300

SYMNH X 125

VF 185

VF 125

ADVENTURE

SYM NH T

 (300)

 (125/200)


MODEL

SYMNH T 125/200/300

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled	1-cylinder, Liquid-cooled	
	4-stroke, OHC, 2-valve	4-stroke, OHC, 4-valve	
DISPLACEMENT	124.1 c.c.	183 c.c.	278.3 c.c.
BORE x STROKE	Ø 56.5 x 49.5 mm	Ø 63.5 x 57.8 mm	Ø 75 x 63 mm
MAXIMUM POWER	8.0 kW / 9,000 rpm	13.5 kW / 8,500 rpm	18.5 kW / 7,500 rpm
MAXIMUM TORQUE	9.3 Nm / 7,500 rpm	15.7 Nm / 7,500 rpm	24 Nm / 6,000 rpm
FUEL SYSTEM	E.F.I.		
TRANSMISSION	5-speed	6-speed	

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Mono Shock
FRONT BRAKE	Disc Ø 288 mm + ABS
REAR BRAKE	Disc Ø 222 mm + ABS
FRONT TYRE	100 / 90-19
REAR TYRE	130 / 80-17

DIMENSIONS

OVERALL LENGTH	2,068 mm
OVERALL WIDTH	860 mm
OVERALL HEIGHT	1,195 mm
SEAT HEIGHT	810 mm
WHEEL BASE	1,405 mm
FUEL TANK CAPACITY	11 L

FEATURES



SYMNH X



MODEL	SYMNH X 125
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ENGINE	
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ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	124.1 c.c.
BORE x STROKE	Ø 56.5 × 49.5 mm
MAXIMUM POWER	8.0 kW / 9,000 rpm
MAXIMUM TORQUE	9.3 Nm / 7,500 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	5-speed

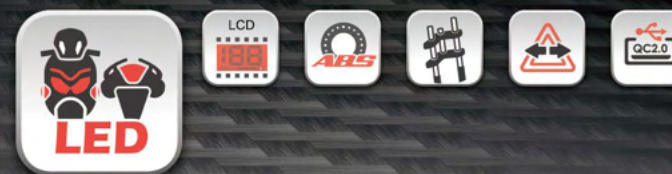
CHASSIS	
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FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Mono Shock
FRONT BRAKE	Disc Ø 288 mm + ABS
REAR BRAKE	Disc Ø 222 mm + ABS
FRONT TYRE	110 / 70-17
REAR TYRE	130 / 70-17

DIMENSIONS	
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OVERALL LENGTH	2,040 mm
OVERALL WIDTH	745 mm
OVERALL HEIGHT	1,080 mm
SEAT HEIGHT	814 mm
WHEEL BASE	1,400 mm
FUEL TANK CAPACITY	11 L

FEATURES	
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VF 185



MODEL	VF 185
ENGINE	
ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	183 c.c.
BORE x STROKE	Ø 63.5 x 57.8 mm
MAXIMUM POWER	13.6 kW / 9,000 rpm
MAXIMUM TORQUE	16.1 Nm / 7,250 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	Chain (6-speed)
CHASSIS	
FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Mono Shock
FRONT BRAKE	Disc Ø 250 mm + ABS
REAR BRAKE	Disc Ø 200 mm
FRONT TYRE	90 / 80-17
REAR TYRE	120 / 70-17
DIMENSIONS	
OVERALL LENGTH	1,960 mm
OVERALL WIDTH	720 mm
OVERALL HEIGHT	1,115 mm
SEAT HEIGHT	790 mm
WHEEL BASE	1,299 mm
FUEL TANK CAPACITY	6 L
FEATURES	



VF 125



MODEL	VF 125
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ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	124.6 c.c.
BORE x STROKE	Ø 52.4 x 57.8 mm
MAXIMUM POWER	7.1 kW / 8,500 rpm
MAXIMUM TORQUE	8.7 Nm / 7,000 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	Chain (4-speed)

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 220 mm + CBS
REAR BRAKE	Disc Ø 202 mm + CBS
FRONT TYRE	70 / 90-17
REAR TYRE	120 / 70-17

DIMENSIONS

OVERALL LENGTH	1,965 mm
OVERALL WIDTH	720 mm
OVERALL HEIGHT	1,125 mm
SEAT HEIGHT	805 mm
WHEEL BASE	1,262 mm
FUEL TANK CAPACITY	3.6 L

FEATURES



e SCOOTER



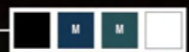
FIDDLE ELECTRIC

MIO ELECTRIC

e X'PRO

eSCOOTER

Fiddle ELECTRIC



MODEL FIDDLE ELECTRIC

PERFORMANCE

MAXIMUM SPEED	25 km/h	45 km/h
EST. RANGE (KM)	125 km @ 20 km/hr (one battery)	75 km @ 40 km/hr (one battery)
CONTINUOUS POWER	1500 W	
MAXIMUM POWER	2200 W	
BATTERY UNIT	Panasonic (1 or 2)	
VOLTAGE	60 V	
CAPACITY	35.2 Ah	

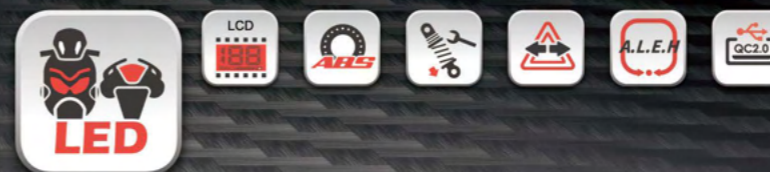
CHASSIS

FRONT SUSPENSION	Dual Shock
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 226 mm
REAR BRAKE	Disc Ø 220 mm
FRONT TYRE	110 / 70-12
REAR TYRE	120 / 70-12

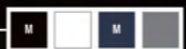
DIMENSIONS

OVERALL LENGTH	1860 mm
OVERALL WIDTH	680 mm
OVERALL HEIGHT	1115 mm
SEAT HEIGHT	780 mm
WHEEL BASE	1315 mm

FEATURES



TRAC ELECTRIC



MODEL MIO ELECTRIC

PERFORMANCE		
MAXIMUM SPEED	25 km/h	45 km/h
EST. RANGE (KM)	98 km @ 20 km/hr (one battery)	77 km @ 40 km/hr (one battery)
CONTINUOUS POWER	1200 W	
MAXIMUM POWER	1200 W	2000 W
BATTERY UNIT	Panasonic	
VOLTAGE	60 V	
CAPACITY	35.2 Ah	

CHASSIS	
FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 160 mm
REAR BRAKE	Drum Ø 110 mm
FRONT TYRE	80 / 100-10
REAR TYRE	80 / 100-10

DIMENSIONS	
OVERALL LENGTH	1,770 mm
OVERALL WIDTH	690 mm
OVERALL HEIGHT	1,045 mm
SEAT HEIGHT	749 mm
WHEEL BASE	1,230 mm

FEATURES



eX'Pro



MODEL e X'PRO

PERFORMANCE

MAXIMUM SPEED	25 km/h	45 km/h
EST. RANGE (KM)	80 km @ 20 km/hr (one battery)	50 km @ 40 km/hr (one battery)
CONTINUOUS POWER	1500 W	
MAXIMUM POWER	2000 W	
BATTERY UNIT	Panasonic (1 or 2)	
VOLTAGE	60 V	
CAPACITY	22.4 Ah	

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Dual Shock
FRONT BRAKE	Disc Ø 226 mm
REAR BRAKE	Disc Ø 220 mm
FRONT TYRE	110 / 70-12
REAR TYRE	120 / 70-12

DIMENSIONS

OVERALL LENGTH	1,870 mm
OVERALL WIDTH	690 mm
OVERALL HEIGHT	1,120 mm
SEAT HEIGHT	780 mm
WHEEL BASE	1,305 mm

FEATURES



SYM

