



2 0 2 1
COLLECTION

HEADQUARTERS

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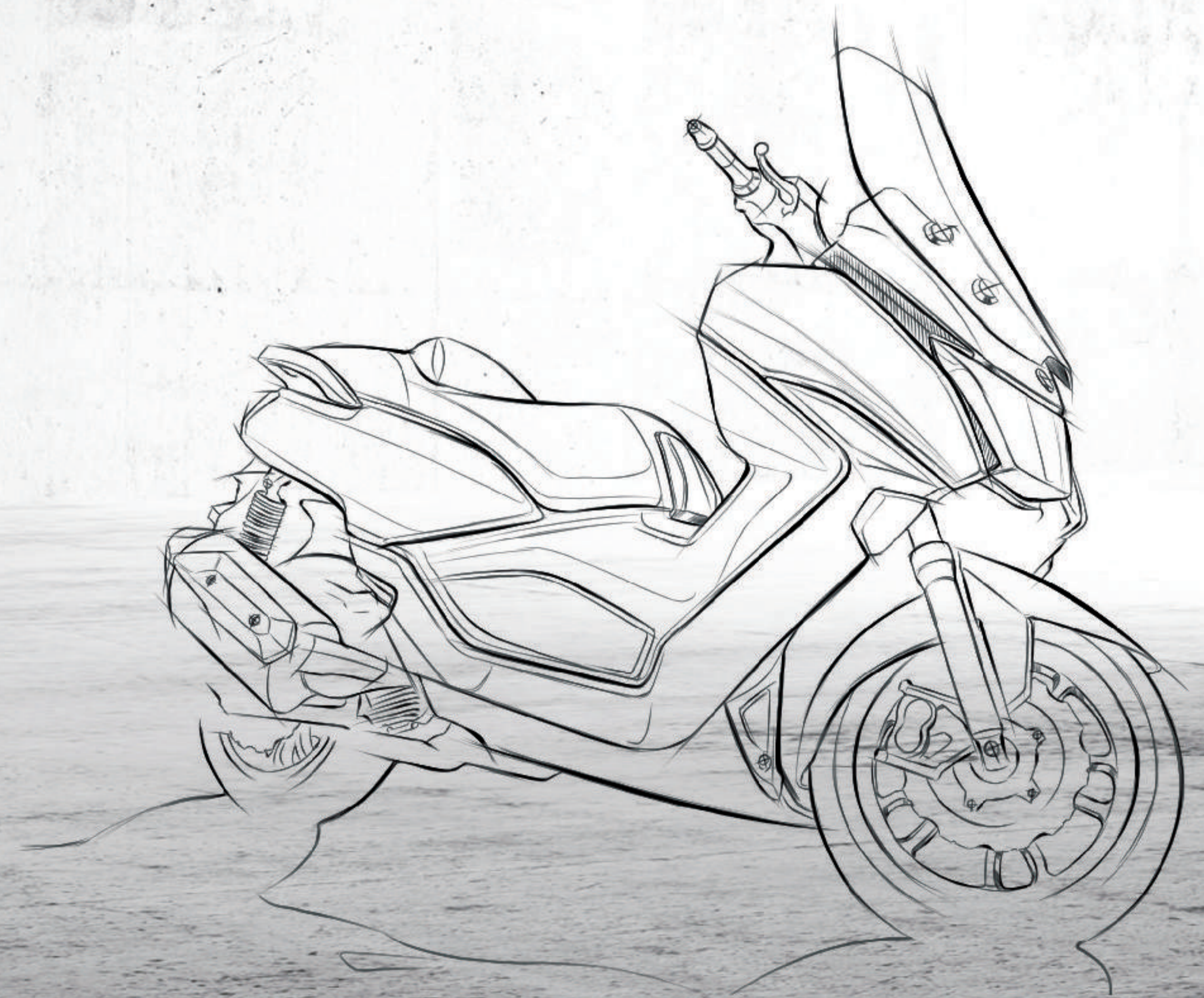
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The information in this brochure may differ from
the available models.

See your SYM dealers for more details.





QUALITY

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

INNOVATION

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

SERVICE

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



OUR BRAND VALUE

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 noiseless.



LED Optical Film Taillight

Inside the 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

When the rider brakes urgently, the brake light will flash automatically to warn the riders behind.



Anti-Lift Engine Hanger System

The weight distribution of the engine, frame and tire are designed on the same horizon. This design greatly improves the riding comfort.



2-in-1 Parking Brake System

The 2-in-1 side stand combines the parking brake function within. Kick down the side stand to finish all the steps; make parking easier and faster.

ENGINE



Twin-Cylinder Engine



Liquid-Cooled Engine



Centrifugal Wet Clutch



Double Overhead Camshaft



Start & Stop

FRAME



LED Light



LED Instrument



Anti-Lock Braking System



Motorbike-Type Engine Mounting



Dual Triple Clamp



Multi-Link Mono-Shock Absorber



Traction Control System



Tool-Free Adjustable Windshield



2 Helmets Storage



Quick Charge



TFT Instrument



LCD Instrument



Combined Braking System



Upside-Down Fork



Adjustable Rear Suspension



Hazard Control Light



Keyless



Adjustable Windshield



Camcorder Installation Hole



FREEDOM

MAXSYM TL 508	09 - 16
MAXSYM 400	17 - 24
CRUISYM α 125/250/300	25 - 26
JOYMAX Z ⁺ 125/250/300	27 - 28
HD 300	29 - 30
DRG 160	31 - 32
JOYRIDE S 125/200	33 - 34

FASHION

SYMPHONY ST 50/125/200	37 - 40
SYMPHONY 50/125/200	41 - 42
SYMPHONY SR 125	43 - 44
FIDDLE 50/125	45 - 46
FIDDLE II 50	47 - 48
MIO 50	49 - 50

URBAN

JET X 125	53 - 56
JET 4 RX 50/125	57 - 60
JET 14 50/125/200	61 - 62
FNX 125	63 - 64
ORBIT III 50/125	65 - 66
CROX 50	67 - 68
X'PRO 50/125	69 - 70
SYMPHONY CARGO 50/125	71 - 72
VF 185	73 - 74
VF 125	75 - 76

ADVENTURE

SYMNH T 125/200	79 - 80
SYMNH X 125	81 - 82

e SCOOTER

e X'PRO	85 - 86
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FREEDOM

MAXSYM TL 508

MAXSYM 400

CRUISYM α 125/250/300

JOYMAX Z⁺ 125/250/300

HD 300

DRG 160

JOYRIDE S 125/200

FR



EDOM

MAXSYM TL 508

The Art of Fusion
Motorcycle Handling x Scooter Convenience

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.



MAXSYM TL
FOLLOW YOUR INSTINCT



Pure Essence of Aesthetics

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.



508 cc Engine

In-line twin cylinder / 8V / DOHC / liquid-cooled / 508 cc engine comes with the maximum power 33.5 kW / 6,750 rpm and the maximum torque 49.9 Nm / 5,250 rpm. The performance has been upgraded to satisfy the customers' needs.



Reverse Balance Cylinder

Equipped with a reverse balance cylinder which is the best solution to eliminate the 1st and 2nd level engine running resonance. It effectively reduces the engine vibration at high speeds.

Multi-Disc Automatic Wet Clutch

The multi-disc automatic wet clutch has better stability and durability by immersing in oil. It delivers vibration-free power to the rear wheel from the moment you start the engine.

The Perfect Balance -50/50 Weight Distribution.

100% motorbike-type engine mounting to centralize the center of mass and to get close to rider, the weight distribution is achieved 50/50 in doing so. This crucial characteristic let the TL own fascinating handling and direct feedback.

Shortened Wheelbase & Extended Aluminum Swing Arm

With the shortened wheelbase and the extended aluminum swing arm, Maxsym TL achieves both ways of high speed stability and remarkable urban agility.



Honeycomb Shape Dual-Pipe Exhaust

Well tuned by SYM NVH Lab, the deep roaring exhaust sound generated from the 360 degree firing interval engine. Your passion definitely will be ignited by the sound wave impulse emitted from the dual-pipe muffler.

41mm Upside-Down Front Fork Suspension

USD front fork with double triple clamp enhances the rigidity of the suspension system, showing premium hard braking support and stability.



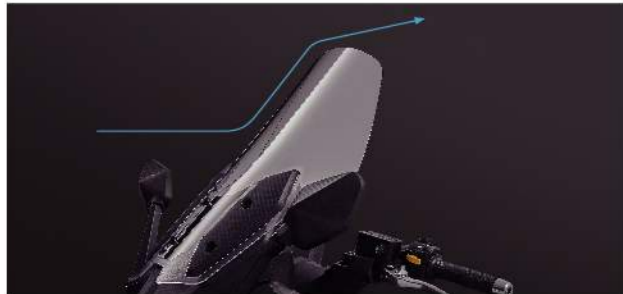
Single-Sided Multi-Link Rear Suspension

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

Optimized through CAE hydrodynamics analysis, the 2-position adjustable windscreen aims to reduce wind pressure against rider and fatigue caused by wind noise, providing extraordinary comfort while high speed cruising.



Auto-Dimmer 4.5" TFT Virtual Instrument Panel

Integrated with 3 display styles in the 4.5" TFT panel, each has rider-focused functions. The smart dimmer adopts TFT display's brightness control automatically.



Keyless System

Maxsym TL 508 introduces the keyless system. The special key fob has replaced the traditional key to access the ignition. With the key fob around, the rider is able to start the scooter easily and intuitively.



Spacious Under-the-Seat Storage

Inspired by the top-selling RV series, the front-opening, hydraulic supported seat offers you a brand new experience. Within the compact body, the space can fit in 1 full face or 2 open face helmets.



2-in-1 Parking Brake System

The 2-in-1 side stand combines the parking brake function within. Just kick down the side stand to finish all steps, make parking easier and faster!



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

Dual radial 4-piston front caliper + 275mm wave discs with steel braided brake hoses delivering powerful braking force, with assist of the precise ABS control, the ultimate braking performance is assured.

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 FR 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	801 mm
OVERALL HEIGHT	1,468 mm
SEAT HEIGHT	795 mm
WHEEL BASE	1,543 mm
FUEL TANK CAPACITY	12.5L



MAXSYM 400

Brand New Evolution

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.



MAXSYM 400
Let's Go Forward

Three-Eye LED Head Light

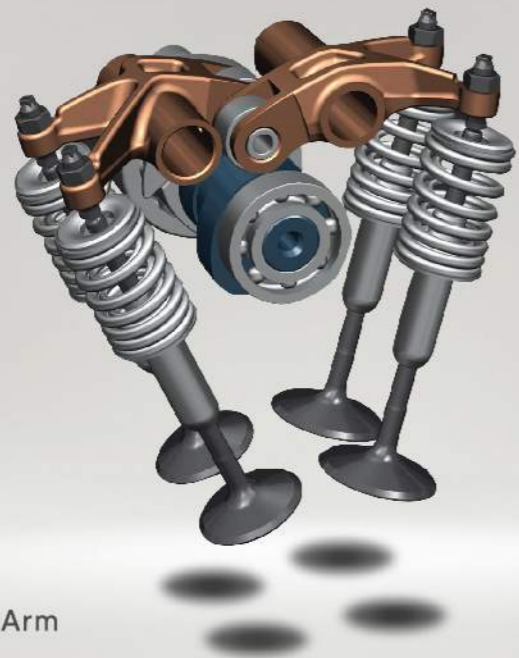
The new LED headlight not only increases the visibility but also brings out your personality. The new three-eye design creates the modern and tech-savvy front face for Maxsym 400.



LED Tail Light

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



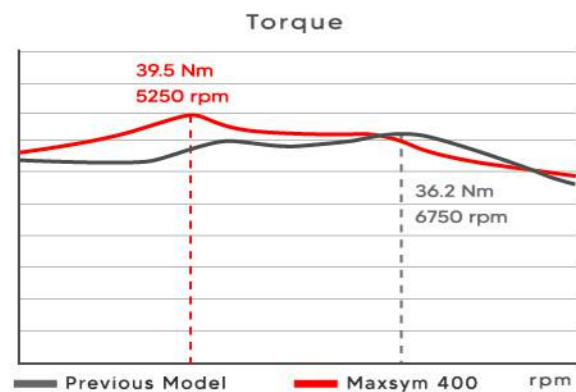


Upgrade Roller Rocker Arm

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.



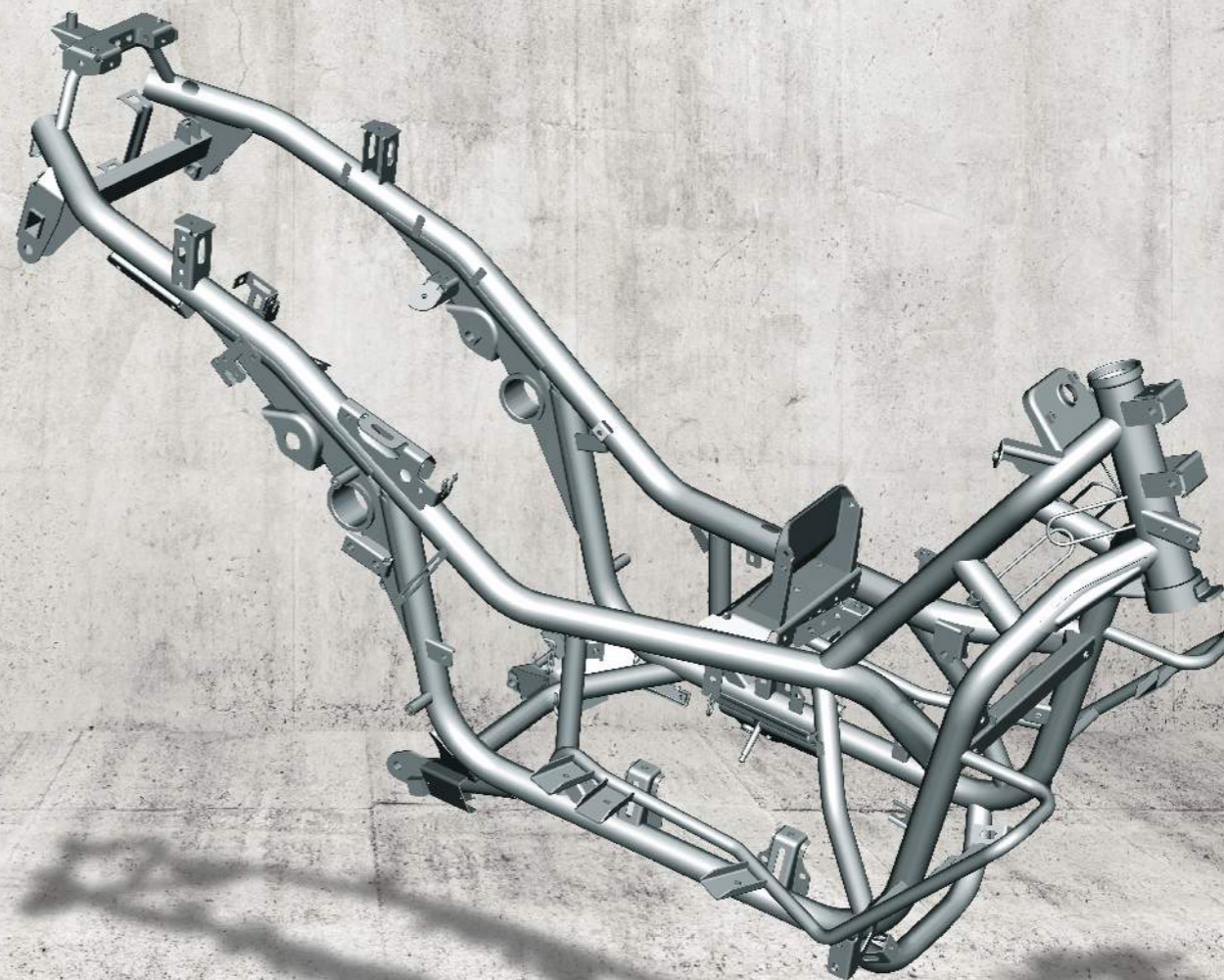
Better Power-to-Weight Ratio

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

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

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.





New Exhaust Pipe Design

This triangle short pipe design is the shortest and lightest among its peers. Owing to its lightweight and forward configuration, it concentrates center of gravity to bring you excellent dynamic reaction.

Suspension System

Maxsym 400 equips with 5-position adjustable rear suspension, which can be adjusted as rider's need. Moreover, it has dual radial 4-piston front caliper and 275mm wave discs with steel braided brake hoses that can deliver powerful braking force.



Efficient Air Intake System

SYM R&D optimized the air intake system and therefore smoother air flow improves low-rev performance. Relocated air box also enlarges under seat storage space.

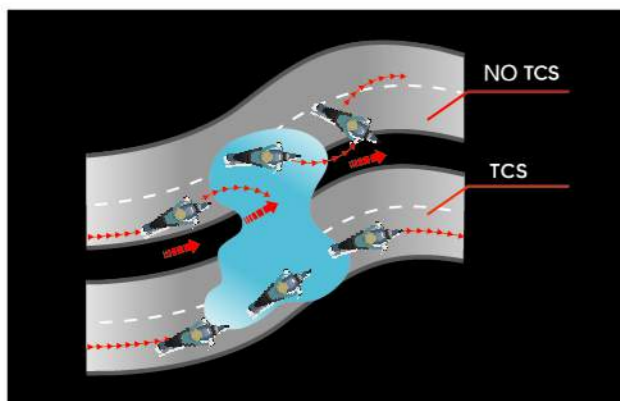
Keyless System

Maxsym 400 has the keyless system. The special key fob has replaced the tradition key to access the ignition. With the key fob around, the rider is able to start the scooter easily and intuitively.



Tool-Free Adjustable Windshield

The 2-position adjustable windshield aims to reduce wind pressure against rider and fatigue caused by wind noise, providing greater comfort while high speed cruising.



Traction Control System

When accelerating on the road with low friction, it has the risk of losing control. TCS attempts to prevent a vehicle's rear wheel from slipping at the time of getting started, accelerating, or making turns.

Advanced Brake Light

ABL is activated when vehicle speed exceeds 70km/h. When it is on, the urgent brake will trigger the taillight flashes automatically to warn the vehicles behind.



Wide Open Seat

The seat can be opened wider than 45 degrees. It brings the great convenience for users to retrieve their belongings in the luggage box.



2 Helmets Storage

The under-seat luggage box is able to contain one full-face and one jet helmets. Also, Maxsym 400 has 45L large capacity, which is big enough to hold all your travel essentials.



Instrument

Without complicated presentation, Maxsym 400 strives to be user-friendly. The instrument reveals only the info you need and be intuitive to use.

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 275mm + ABS
REAR BRAKE	Disc Ø 275mm + ABS
FRONT TYRE	120 / 70-15
REAR TYRE	160 / 60-14
DIMENSIONS	
OVERALL LENGTH	2,230 mm
OVERALL WIDTH	820mm
OVERALL HEIGHT	1,455 mm
SEAT HEIGHT	800 mm
WHEEL BASE	1,555 mm
FUEL TANK CAPACITY	13 L



CRUISYM α



MODEL CRUISYM α 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	11.3 Nm / 6,750 rpm	22.3 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 260mm + ABS
REAR BRAKE	Disc Ø 240mm + ABS
FRONT TYRE	120 / 70-14
REAR TYRE	140 / 60-13

DIMENSIONS

OVERALL LENGTH	2,175 mm	
OVERALL WIDTH	760 mm	
OVERALL HEIGHT	1,440 mm	
SEAT HEIGHT	750 mm	760 mm
WHEEL BASE	1,530 mm	1,550 mm
FUEL TANK CAPACITY	12 L	12 L



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 / 9,000 rpm	16.2 kW / 7,500 rpm	19.1 kW / 7,500 rpm
MAXIMUM TORQUE	11.3 Nm / 7,000 rpm	22.3 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 260mm + ABS	Disc Ø 260mm + ABS	
REAR BRAKE	Disc Ø 240mm + ABS	Disc Ø 240mm + ABS	
FRONT TYRE	120 / 70-14		
REAR TYRE	140 / 60-13		

DIMENSIONS

OVERALL LENGTH	2,190 mm		
OVERALL WIDTH	750 mm		
OVERALL HEIGHT	1,440 mm		
SEAT HEIGHT	770 mm	747 mm	
WHEEL BASE	1,530 mm	1,550 mm	
FUEL TANK CAPACITY	12 L	12 L	



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	770 mm
OVERALL HEIGHT	1,225 mm
SEAT HEIGHT	805 mm
WHEEL BASE	1,505 mm
FUEL TANK CAPACITY	10 L



DRGBT



MODEL DRG 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 260mm + ABS
REAR BRAKE	Disc Ø 230mm + ABS
FRONT TYRE	120 / 70-13
REAR TYRE	130 / 70-13

DIMENSIONS

OVERALL LENGTH	1,990 mm
OVERALL WIDTH	735 mm
OVERALL HEIGHT	1,130 mm
SEAT HEIGHT	803 mm
WHEEL BASE	1,380 mm
FUEL TANK CAPACITY	7.4L



Jouride



MODEL JOYRIDE S 125 / 200



ENGINE

ENGINE TYPE	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve	
DISPLACEMENT	124.9 c.c.	175.3 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	15.7 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
REAR BRAKE	Disc Ø 200 mm + CBS
FRONT TYRE	110 / 90-13
REAR TYRE	130 / 70-12

DIMENSIONS

OVERALL LENGTH	2,100 mm
OVERALL WIDTH	760 mm
OVERALL HEIGHT	1,410 mm
SEAT HEIGHT	760 mm
WHEEL BASE	1,440 mm
FUEL TANK CAPACITY	7.6 L



FASHION

SYMPHONY ST 50/125/200

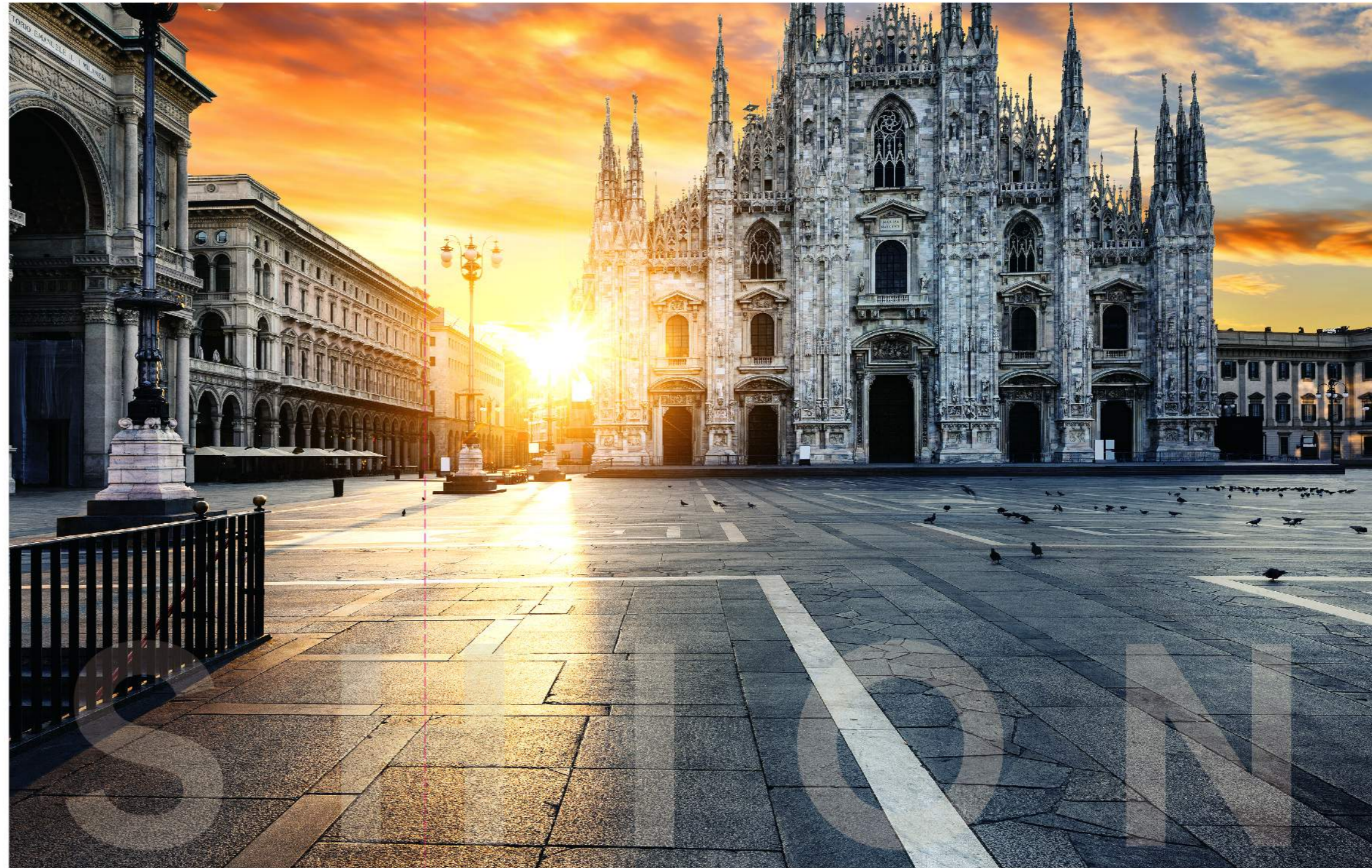
SYMPHONY 50/125/200

SYMPHONY SR 125

FIDDLE 50/125

FIDDLE II 50

MIO 50



F A

Symphony ST

Symphony ST is the iconic series of SYM high wheel scooter. It features the user-friendly design, comfortable riding, and elegant appearance. Since its debut in 2014, Symphony ST has built the excellent reputation for SYM in the European markets.

By the chance of the Euro 5 emission standard enforcement, SYM decides to make this classic model evolve. All new Symphony ST not only complies with Euro 5 but also has the whole new design. With the completely new product development, it now has more customer-oriented features than the previous model. SYM firmly believes that the new Symphony ST will still be the best choice of the high wheel scooter in the markets.



LED Lighting

All new Symphony ST equips with the LED headlight, LED position light, and LED taillight. The full LED lighting not only makes all new Symphony ST fashionable but also greatly improves the riding safety.





LCD Instrument

The fashionable and quality elements are everywhere on all new Symphony ST. The special made new LCD instrument perfectly shows the combination of elegance and practicality.



2 Helmets Storage

The spacious under-seat luggage box allows 2 helmets storage. For those riders who may need more storage room, the additional top case is no longer the only option they have.



Adjustable Rear Suspension

The rear suspension can be adjusted as the rider's need.



Quick Charge 2.0

QC2.0 is the technology allows the battery powered devices to be charged much faster than the standard USB.

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.	124.6 c.c.	168,9 c.c.
BORE x STROKE	Ø 37 x 46 mm	Ø 52.4 x 57.8 mm	Ø 52.4 x 57.8 mm	Ø 61 x 57.8 mm
MAXIMUM POWER	2.3 kW / 8,000 rpm	8.4 kW / 8,500 rpm	9.3 kW / 8,000 rpm	9.1 kW / 7,500 rpm
MAXIMUM TORQUE	3.1 Nm / 6,000 rpm	10.3 Nm / 7,000 rpm	11 Nm / 6,000 rpm	13.2 Nm / 5,500 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 226 mm	Disc Ø 260 mm + CBS	Disc Ø 260 mm + ABS	Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 240 mm	Disc Ø 240 mm + CBS	Disc Ø 240 mm + ABS	Disc Ø 240 mm + ABS
FRONT TYRE	110 / 70-16			
REAR TYRE	110 / 70-16	120 / 80-14		

DIMENSIONS

OVERALL LENGTH	2,045 mm		
OVERALL WIDTH	730 mm		
OVERALL HEIGHT	1,180 mm		
SEAT HEIGHT	790 mm		
WHEEL BASE	1,345mm	1,375 mm	
FUEL TANK CAPACITY	6.8 L		



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	Single Shock	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	1,970 mm	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		



Symphony SR



MODEL SYMPHONY SR 125



ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	124.6 c.c.
BORE x STROKE	Ø52.4 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 260 + CBS / Disc 260 + ABS
REAR BRAKE	Disc 240 + CBS / Disc 240+ ABS
FRONT TYRE	110 / 70-16
REAR TYRE	110 / 70-16

DIMENSIONS

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



Fiddle



MODEL **FIDDLE 50 / 125**

ENGINE

ENGINE TYPE	1-cylinder, Air-cooled		1-cylinder, Liquid-cooled
	4-stroke, OHC, 2-valve		
DISPLACEMENT	49.46 c.c.	124.6 c.c.	124.6 c.c.
BORE x STROKE	Ø 37x46 mm	Ø 52.4 x 57.8 mm	Ø 52.4 x 57.8 mm
MAXIMUM POWER	2.2kw / 8,000 rpm	8.4 kw / 8,500 rpm	9.0 kw / 8,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 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	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	1,890 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	



Fiddle II



MODEL

FIDDLE II 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 190 mm
REAR BRAKE	Drum Ø 110 mm
FRONT TYRE	110 / 70-12
REAR TYRE	120 / 70-12

DIMENSIONS

OVERALL LENGTH	1,875 mm
OVERALL WIDTH	690 mm
OVERALL HEIGHT	1,140 mm
SEAT HEIGHT	765 mm
WHEEL BASE	1,285 mm
FUEL TANK CAPACITY	5.5 L



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	2.2 kW / 8,000 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 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	1,050 mm
SEAT HEIGHT	765 mm
WHEEL BASE	1,250 mm
FUEL TANK CAPACITY	5.2 L



URBAN

JET X 125

JET 4 RX 50/125

JET 14 50/125/200

FNX 125

ORBIT III 50/125

CROX 50

X'PRO 50/125

SYMPHONY CARGO 50/125

VF 185

VF 125



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JET X

Jet is one of the most prestigious series in the SYM scooter lineup. It has been more than a decade since the Jet series' debut. Until now, Jet 14 is still the hot-selling model in the European markets. Evolution from the superior DNA of Jet 14, SYM makes the self-breakthrough in design orientation through collaboration with GPX and eventually creates the concise and aggressive model - Jet X.

Being the flagship model of the Jet series, Jet X equips with the tremendous features included but not limited to the racing bike characteristic design which makes Jet X with the unique identification; the high-end specs offer the riders the convenience, safety and the luxury riding experience; the advanced engineering adjustment brings the perfect maneuverability and ergonomics. All the riding essentials, you can definitely experience them from Jet X.



LED Lighting

Jet X equips with LED position light, LED headlight, LED taillight, and LED turn indicators. The full LED lighting system not only makes Jet X stylish but also greatly improves the riding safety.



Maneuverability & Ergonomics

From the inside out, the whole Jet X design especially focuses on the maneuverability and ergonomics. The rider is able to experience the amazing ride with the outstanding handling and relaxing riding position on Jet X.



Keyless System

Jet X applies the keyless system to make the ride smart and convenience. The special key fob has replaced the tradition key to access the ignition. With the key fob around, the rider is able to start the scooter easily and intuitively.



LCD Instrument

Full sense of the space and hi-tech, it delivers a futuristic concept and for sure all the information is shown clearly and stylishly on the special made new LCD instrument. In addition, the auto dimmer makes sure the best visibility in all kinds of environments.



Hazard Control Light

Hazard control light is mainly used in an emergency to warn the vehicles behind.

MODEL JET X 125 M M M M M

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	11.0 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 + 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	1,355 mm
FUEL TANK CAPACITY	7.5 L



JET4 RX

Jet 4 is one of the classic SYM models. It is the commuting scooter with the sports apparel and economical price. The 50cc, 125cc, and 150cc options allow the customers to choose the ideal displacement according to their needs.

After the lasting product life, it's time for Jet 4's evolution. Jet 4 RX - the Euro 5 version of Jet 4 - has come out with the all new upgrade. It not only combines the sports and off-road elements on the apparel but also applies the new frame to make it better riding experience.



LED Lighting

Jet 4 RX equips with LED position light, LED headlight and LED taillight. The LED lighting system not only makes Jet 4 RX stylish but also greatly improves the riding safety.





Adjustable Rear Suspension

Jet 4 RX equips with dual shock absorbers can be adjusted as the rider's need.



Anti-Lift Engine Hanger System

A.L.E.H is the exclusive SYM technology. The weight distribution of the engine, frame and tires are designed on the same horizon. This special design greatly improves the riding comfort.



LCD Instrument

The new LCD instrument perfectly fits the style of Jet 4 RX. The sports and off-road elements are not only on the scooter apparel but also on the instrument.



Quick Charge 2.0

QC2.0 is the technology allows the battery powered devices to be charged much faster than the standard USB.

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	Dual 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	680 mm	
OVERALL HEIGHT	1,120 mm	
SEAT HEIGHT	765 mm	
WHEEL BASE	1,290 mm	1,320 mm
FUEL TANK CAPACITY	6.2 L	



JET 14



MODEL JET 14 50 / 125 / 200



ENGINE	1-cylinder, Air-cooled		1-cylinder, Liquid-cooled	1-cylinder, Air-cooled
ENGINE TYPE	4-stroke, OHC, 2-valve		4-stroke, OHC, 4-valve	4-stroke, OHC, 2-valve
DISPLACEMENT	4946 c.c.	124.6 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 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	9.1 kW / 7,500 rpm
MAXIMUM TORQUE	3.0 Nm / 6,000 rpm	10.3 Nm / 6,500 rpm	11 Nm / 6,000 rpm	13.2 Nm / 5,500 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	Disc Ø 260 mm + ABS
REAR BRAKE	Drum Ø 130 mm	Disc Ø 220 mm + CBS	Disc Ø 220 mm + CBS / ABS	Disc Ø 220 mm + 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	770 mm			
WHEEL BASE	1,330 mm	1,350 mm		
FUEL TANK CAPACITY	7.5 L			



FNX



MODEL FNX 125



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	8.2 kW / 8,000 rpm
MAXIMUM TORQUE	10.4 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	780 mm
WHEEL BASE	1,305 mm
FUEL TANK CAPACITY	6.2 L



Orbit III



MODEL ORBIT III 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	682 mm	
OVERALL HEIGHT	1,120 mm	
SEAT HEIGHT	765 mm	
WHEEL BASE	1,290 mm	1,320 mm
FUEL TANK CAPACITY	6.2 L	



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 / 6,000 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
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	815 mm
WHEEL BASE	1,310 mm
FUEL TANK CAPACITY	6.5 L



X'Pro



MODEL X'PRO 50 / 125



ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, 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	1,875 mm
OVERALL WIDTH	680 mm
OVERALL HEIGHT	1,120 mm
SEAT HEIGHT	780 mm
WHEEL BASE	1,315 mm
FUEL TANK CAPACITY	6.2 L



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	Drum 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



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	Single 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



VF 125



MODEL VF 125



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



ADVENTURE

SYMNH T 125/200

SYMNH X 125



SYMNH T



MODEL SYMNH T 125 / 200



ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve	1-cylinder, Liquid-cooled 4-stroke, OHC, 4-valve
DISPLACEMENT	124.1 c.c.	183 c.c.
BORE x STROKE	Ø 56.5 x 49.5 mm	Ø 63.5 x 57.8 mm
MAXIMUM POWER	8.2 kW / 9,000 rpm	13.5 kW / 8,500 rpm
MAXIMUM TORQUE	9.0 Nm / 8,000 rpm	15.7 Nm / 7,500 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	Disc Ø 288 mm + ABS
REAR BRAKE	Disc Ø 222 mm + ABS	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



SYMNH X



MODEL SYMNH X 125



ENGINE

ENGINE TYPE	1-cylinder, Air-cooled 4-stroke, OHC, 2-valve
DISPLACEMENT	124.1 c.c.
BORE x STROKE	Ø 56.5 x 49.5 mm
MAXIMUM POWER	8.2 kW / 9,000 rpm
MAXIMUM TORQUE	9.0 Nm / 8,000 rpm
FUEL SYSTEM	E.F.I.
TRANSMISSION	5-speed

CHASSIS

FRONT SUSPENSION	Telescopic Fork
REAR SUSPENSION	Mono Shock
FRONT BRAKE	Disc Ø 260 mm + ABS
REAR BRAKE	Disc Ø 222 mm + ABS
FRONT TYRE	110 / 70-17
REAR TYRE	130 / 70-17

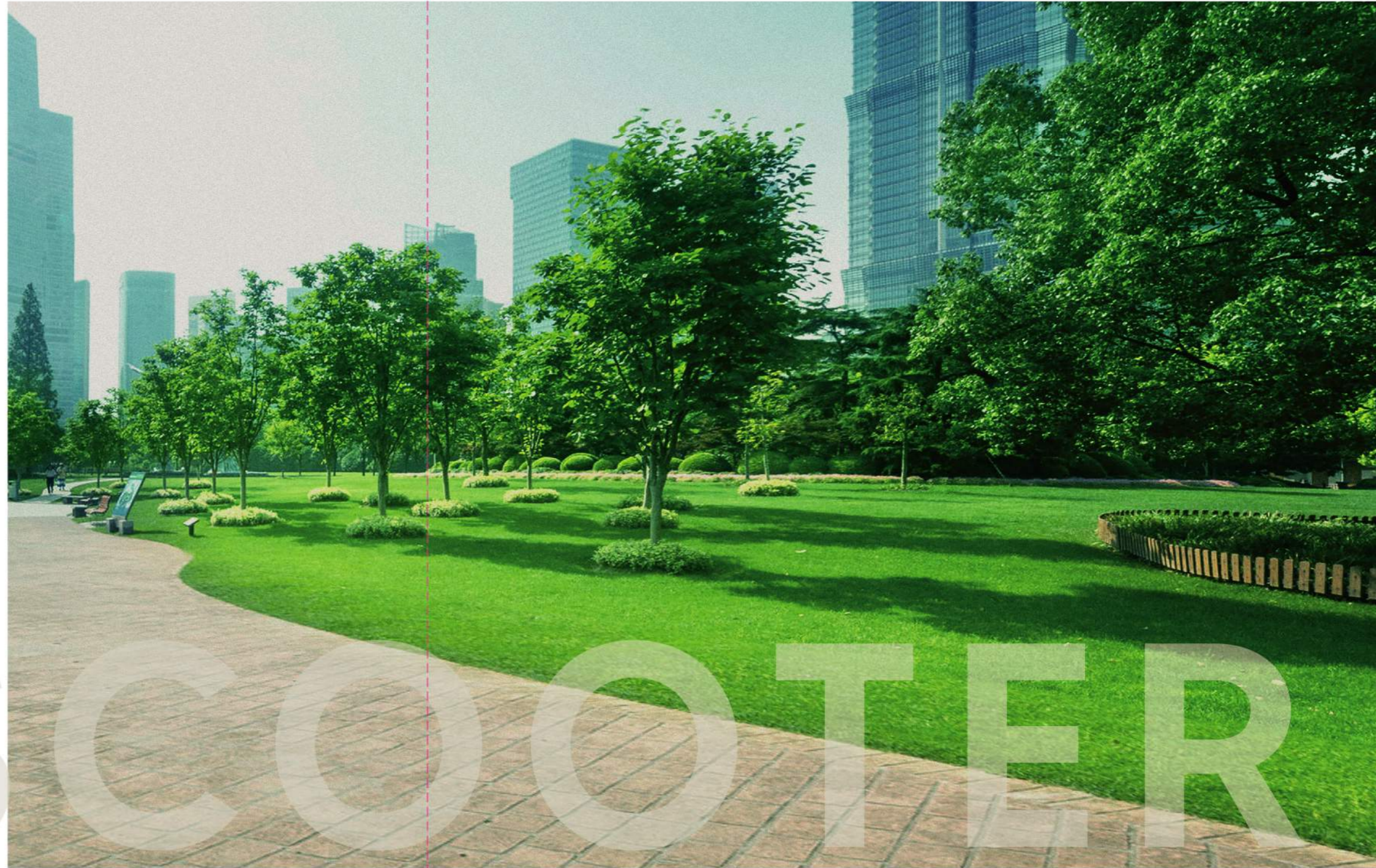
DIMENSIONS

OVERALL LENGTH	2,040 mm
OVERALL WIDTH	745 mm
OVERALL HEIGHT	1,080 mm
SEAT HEIGHT	787 mm
WHEEL BASE	1,400 mm
FUEL TANK CAPACITY	11 L



e SCOOTER

e X'PRO



eXPro



MODEL e X'Pro



ENGINE

MAXIMUM SPEED	25 km/h	45 km/h
EST. RANGE (KM)	50 km @ 40 km/hr (one battery)	
CONTINUOUS POWER	1500 W	
MAXIMUM POWER	2000 W	
BATTERY UNIT	Panasonic / NCR18650BD	Panasonic / NCR18650BD (1or2)
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 TIRE	110 / 70-12
REAR TIRE	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

