



**FEAR NO PLACE**

**Press Kit 2020**



## Key figures and global distribution



With revenues of 700 million USD on 2018, SEGWAY-NINEBOT is one of the major brands in the mobility industry. Figures released in 2017 show that more than 6 million SEGWAY users have travelled more than 1.2 billion kilometers. These numbers speak volumes about the capability of the leader in electric personal transporters.

SEGWAY-NINEBOT employs over 2000 people in 9 locations around the world, including Munich and Amsterdam in Europe. In fact, Holland is a strategic distribution centre for SEGWAY products in EMEA. SEGWAY'S well-established logistical framework allows the company to be presented in more than 100 countries and regions around the world.

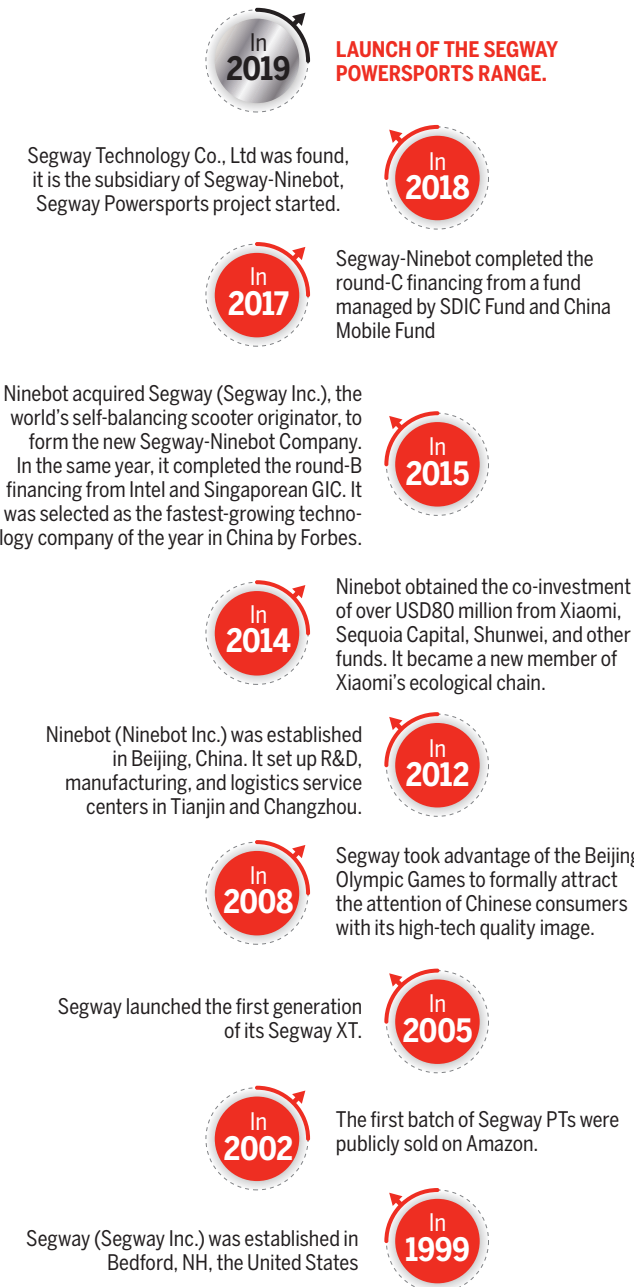
In 2018, SEGWAY invested RMB 1 billion in a new, 61,000 sq. metres production facility to allow the company to comfortably begin production on the new Powersport product. The facility will include Research & Development department, manufacturing, sales and marketing department. Initial operations are scheduled for March 2020 with a production capacity estimated at 100,000 units per year in its first phase.

## History

As the creator of the first self-balancing scooter, SEGWAY® is the undisputed world leader in the field. The first version of the electric vehicle, revealed on December 3, 2001 by its creator Dean Kamen, quickly boosted the brand to world-renowned status. In 2005, the SEGWAY XT — which became the x2 SE — gave the personal transporter even more ground to cover, thanks to its all-terrain capabilities, and heightened its spirit of freedom! Since then, the brand has continued to conquer new markets, such as law enforcement, security and emergency medical aid, and has found various uses in the agricultural and tourism industries. Ninebot purchased the company in 2015, which gave it a capital boost and allowed it to expand its technology to new products, in partnership with industrial leaders such as Intel and Xiaomi. Robotics also became a natural area of interest.

SEGWAY was also joining forces with large automobile firms such as Ferrari, Porsche and General Motors. Other high-profile international partnerships, such as at the Olympics in Turin in 2006 and in Beijing in 2008 put SEGWAY'S excellence front and centre. SEGWAY'S presence at the Beijing Olympics even caught the eye of Xi Jinping, then vice-president of the People's Republic of China. As a creator of self balance transporter, SEGWAY aims to simplify the transport of people and objects and make life easier. The next logical step for the company is to move towards Powersports market, with ground-breaking hybrid technology and premium positioning!

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## Why the Quad and Side by Side markets ?

Since launching its first personal transporter in 2001, SEGWAY has never shied away from showing its innovative spirit. As a world leader in its field, the company is taking on the quad and Side by Side markets with technological advancements that are sure to make their mark on the industry. Case in point : the new Snarler quad and Fugleman UTV and Villain Side by Side all come in hybrid and standard versions !



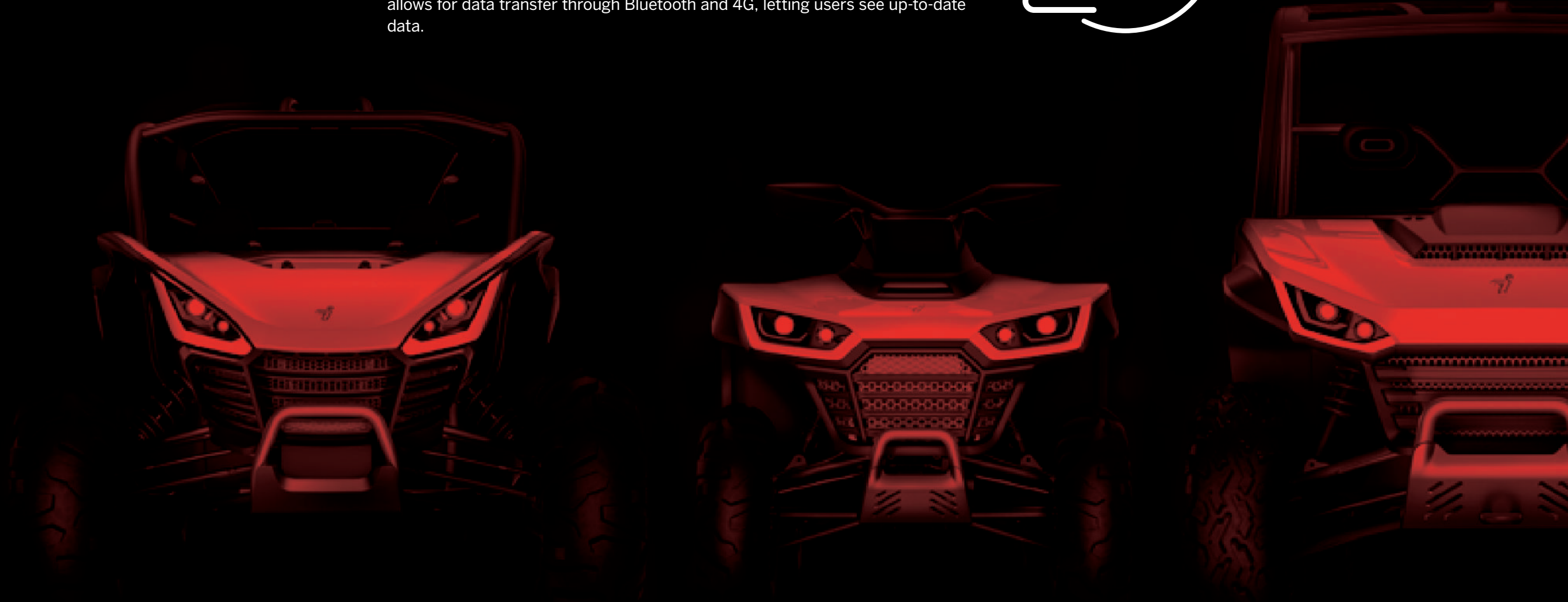
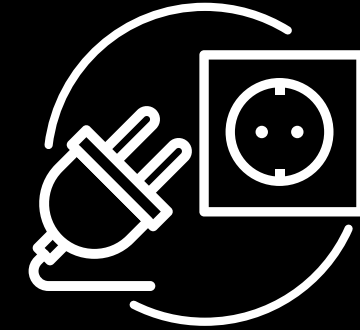


## Hybrid Technology

The 2020 range includes the SNARLER quad and two Side-by-Sides: the FUGLEMAN (utility/leisure) and the VILLAIN, with a more defined sport/leisure character. All 3 share the same design DNA, with an aggressive posture, a flowing front and a rear that's ready to pounce! Aerodynamics are nurtured with flowing surfaces and crisp parting lines. All three vehicles come in a number of drive options, including the new, centerpiece hybrid version — a technological choice that SEGWAY has mastered and that offers better performance than a full-electric option in an all-terrain vehicle. In this hybrid version, the electric motor can be useful in sensitive areas, thanks to the lack of CO<sub>2</sub> emissions and lower operating noise, while the thermic engine can take over in situations where more power is needed.

The rechargeable hybrid SEGWAY has a smaller battery size compared to a full-electric vehicle, which reduces its total weight. The paralleled hybrid powertrain includes an engine, a generator and an electromotor, an accumulator battery and a control system, which retains the engine and drive system of traditional combustion engine. SEGWAY combines innovative engine technology with a modern EIC system that brings hybrid technology to the all-terrain vehicle market. Together they can deliver max 86HP and 96MN of torque in the 570 cc. monocylinder version and 181HP and 250 N-m of torque in the twin-cylinder option.

SEGWAY also introduces other proven industry technologies like electric power steering and three adjustable modes (standard, comfort and sport) to adapt to terrain conditions. Finally, its smart, double-channel communication system allows for data transfer through Bluetooth and 4G, letting users see up-to-date data.





# POWERTRAIN

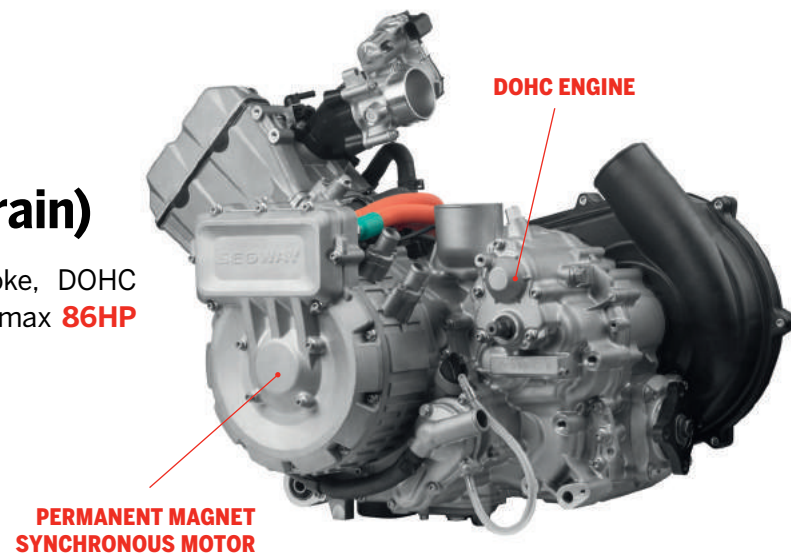
Segway Powersports has combined innovative engine technology with a modern EIC system to provide industry-leading hybrid technology for the models of ATV, UTV, SSV.

Together it delivers maximum of 86HP and 96 N-m of torque for the 570cc engine and maximum 181HP and 250 N-m of torque for the 1000cc engine. The 20C high-rate battery, the hair-pin wire motor and the smart electrical control unit added to the engine provide incredible boost during acceleration.

## PHP (Paralleled Hybrid Powertrain)

570cc. liquid cooled, single cylinder, 4-stroke, DOHC engine power motor the "dual core" delivers max **86HP** and **96 N-m** torque.

**POWERTRAIN DELIVERS MAX 86HP**  
**96N-m instantaneous torque**

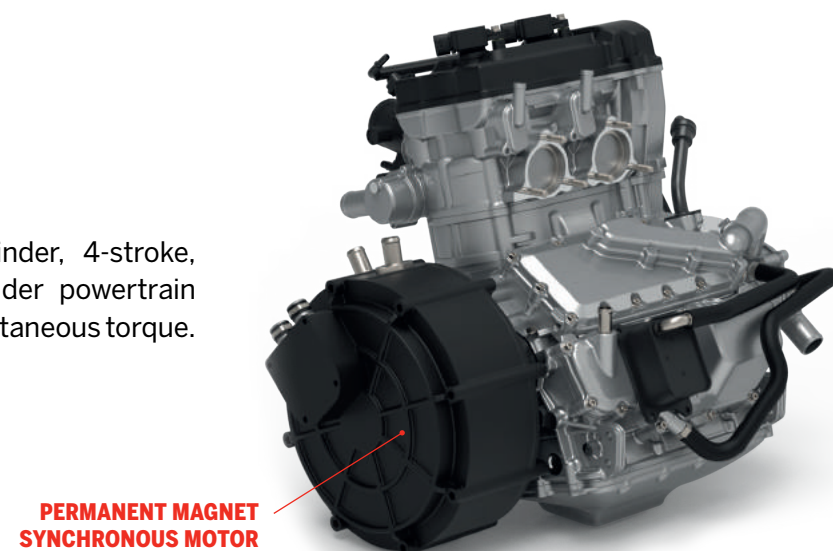


## ERHP (Extended-Range Hybrid Powertrain)

### COMBUSTION ENGINE

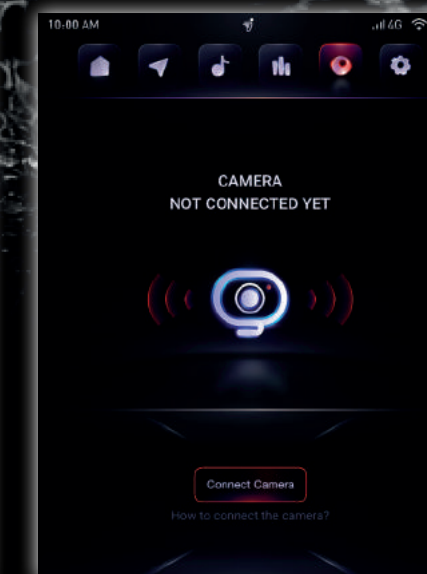
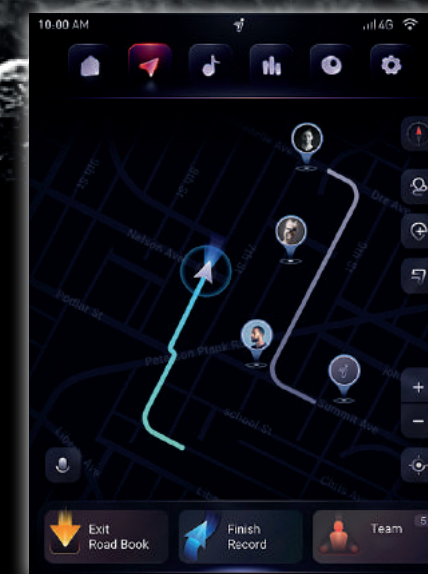
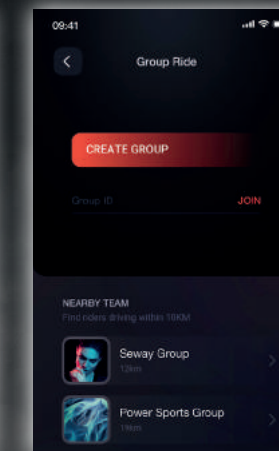
1000cc. liquid cooled, Parallel twin-cylinder, 4-stroke, 8 valve, DOHC engine, the range-extender powertrain delivers max **181HP** and **250 N-m** of instantaneous torque.

**POWERTRAIN DELIVERS MAX 181HP**  
**250N-m instantaneous torque**



## Smart Moving

Segway Powersports ignites a brand-new era of Smart Moving in the Off-Road Vehicle industry with innovative IOV technology for All-Terrain Vehicles and Side-by-Sides. Designed for you to explore and discover. "Made for More" with thrilling Smart Moving and smart fun!!



## Smart Moving app

With the added value of the incredible Segway Powersports App you can experience the "smart fun" of IOV technology while enjoying wild off-road excitement.

## Smart Commanding System (SCS)

Segway Smart Motion includes but is not limited to the Smart Dual Channel CAN communication system (SDC). Bluetooth and 4G Data Transfer Unit System (DTU), to form the integrated Smart Command System (SCS) of the vehicle, providing updated data to the users. Smart Moving makes intelligent interaction between user and vehicle become a reality.



# SNARLER™

SEGWAY'S first quad offers the best of modern technology with a high-strength chromium-molybdenum steel frame and 4 independent double-wishbone suspensions equipped with adjustable front and rear shocks. With adjustable dual speed and rebound front suspension with 18 cm wheel travel and rear suspension with 21 cm wheel travel, it can adapt to any terrain and driving style. Its 4-stroke, single cylinder engine with 570 cc makes it among the best with 46HP (34 kW) in the base model. Paired with a secondary electric motor, the 570H hybrid model can reach a total of 86HP and a record 96 N-m of torque. SNARLER also has a number of security features, including the Engine Brake System (EBS) that regulates downhill speed. Both the front and rear differentials have smart locking, thanks to SEGWAY'S mastery of onboard electrical.



## ATV



SNARLER  
570AH



SNARLER  
570AF S



SNARLER  
570AF L



SNARLER  
1000AF

### POWERTRAIN & DRIVETRAIN

Powertrain	Hybrid	Fuel Engine	Fuel Engine	Fuel Engine
Engine/Motor Type	570 cc, 4-Stroke Single-Cylinder, DOHC Engine + PMSM (Permanent Magnet Synchronous Motor)	570 cc, 4-Stroke Single-Cylinder, DOHC	570 cc, 4-Stroke Single-Cylinder, DOHC Engine	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine
Horsepower	86HP	46HP	46HP	107HP
Torque	96 N-m	52 N-m	52 N-m	98 N-m
Drive System	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD
Front Axle	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock
Rear Axle	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)
Engine Braking System (EBS)	√	√	√	√

### SUSPENSION SYSTEM

Front Suspension & Travel	Dual A-Arm ; Front Travel : 7" (18 cm)	Dual A-Arm ; Front Travel : 7" (18 cm)	Dual A-Arm ; Front Travel : 7" (18 cm)	Dual A-Arm ; Front Travel : 7.9" (20 cm)
Rear Suspension & Travel	Dual A-Arm ; Rear Travel : 8.3" (21 cm)	Dual A-Arm ; Rear Travel : 8.3" (21 cm)	Dual A-Arm ; Rear Travel : 8.3" (21 cm)	Dual A-Arm ; Rear Travel : 9.2" (23,5 cm)

### WHEELS & TIRES

Wheels	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)
Tires	Front Tires 25 x 8-12 / 26 x 8-12 (Optional)	Front Tires 25 x 8-12 / 26 x 8-12 (Optional)	Front Tires 25 x 8-12 / 26 x 8-12 (Optional)	Front Tires 25 x 8-12 / 26 x 8-12 (Optional)

### SMART MOVING SYSTEM

Smart Commanding System (DTU + SDC)	√	√	√	√
Dashboard	Digital Screen	Digital Screen	Digital Screen	Digital Screen
Smart Touch Screen	/	/	/	/
Smart-Moving App	√	√	√	√



ATV



SNARLER  
570AH



SNARLER  
570AF S



SNARLER  
570AF L



SNARLER  
1000AF

OVERALL DIMENSIONS				
Vehicle Size (Length/Width/Height)	90.5 x 49.2 x 60.6" (230 x 125 x 154 cm)	84.6 x 49.2 x 60.6" (215 x 125 x 154 cm)	90.5 x 49.2 x 60.6" (230 x 125 x 154 cm)	92.5 x 50.4 x 61" (235 x 128 x 155 cm)
Ground Clearance	10.6" (27 cm)	10.6" (27 cm)	10.6" (27 cm)	10.6" (27 cm)
Seat Height	36.6" (93 cm)	36.6" (93 cm)	36.6" (93 cm)	35.8" (91 cm)
Wheelbase	57.1" (145 cm)	51.2" (130 cm)	57.1" (145 cm)	58.6" (149 cm)
Dry Weight	1012 lb (460 kg)	792 lb (360 kg)	847 lb (385 kg)	979 lb (445 kg)
Fuel Capacity	6.6 gal (25 l)	6.1 gal (23 l)	6.1 gal (23 l)	6.6 gal (25 l)
Front/Rear Rack Capacity	Front : 88 lb (40 kg) / Rear : 176 lb (80 kg)	Front : 88 lb (40 kg) / Rear : 176lb (80 kg)	Front : 88lb (40 kg) / Rear : 176 lb (80 kg)	Front : 88lb (40 kg) / Rear : 176 lb (80 kg)
Bed Box Capacity	/	/	/	/
Payload Capacity	594 lb (270 kg)	429 lb (195 kg)	594 lb (270 kg)	594 lb (270 kg)
Towing Capability	N/A	N/A	N/A	N/A
Other Features				
Smart Electric Power Steering (EPS)	Three Modes : Standard / Comfort / Sport	Three Modes : Standard / Comfort / Sport	Three Modes : Standard / Comfort / Sport	Three Modes : Standard / Comfort / Sport
Frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame
Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System
Lights	LED	LED	LED	LED
Colors	To Be Defined	To Be Defined	To Be Defined	To Be Defined
Seats	2 seats	1 seat	2 seats	2 seats

Notes : Segway reserves the right to change designs, specifications, features and equipment at any time without incurring any obligation in order to continually improving quality and seek for innovation.





# FUGLEMAN™

Created for both work and leisure, the Fugleman is a state-of-the-art UTV. Also built with a high-strength chromium-molybdenum frame and set on 4 independent double-wishbone suspensions, it can play on any terrain thanks to its 27 cm ground clearance. Comfort is guaranteed, thanks to four adjustable shocks that can adapt to any terrain and driving style. And with an 18 cm (front) and 21 cm (rear) suspension, you're in for smooth sailing. Its 3 bench seat set-up holds 558 kg in the cargo box and can support 900 kg of towing. Both the steering wheel and the driver's seat are adjustable for ultimate driving comfort. The seat back can also be lowered for more functional use. The interior can sport an optional 10.4" central touchscreen, which links to its central Bluetooth and 4G intelligent communication system for updated data. Heating is also available as an option. LED headlights provide excellent lighting for night riding. The Fugleman also has a smart lockable front differential and rear diff-lock with easily switchable 2WD/4WD modes to conquer even the most difficult terrain.



## UTV



FUGLEMAN  
570UH



FUGLEMAN  
1000UH



FUGLEMAN  
1000UF

POWERTRAIN & DRIVETRAIN			
Powertrain	Hybrid	Hybrid	Fuel Engine
Engine/Motor Type	570 cc, 4-Stroke Single-Cylinder, DOHC Engine + PMSM (Permanent Magnet Synchronous Motor)	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine + PMSM (Permanent Magnet Synchronous Motor)	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine
Horsepower	86HP	181HP	107HP
Torque	96 N-m	250 N-m	98 N-m
Drive System	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD
Front Axle	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock
Rear Axle	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)
Engine Braking System (EBS)	√	√	√
SUSPENSION SYSTEM			
Front Suspension & Travel	Dual A-Arm; Front Travel: 11" (18 cm)	Dual A-Arm; Rear Travel: 11" (28 cm)	Dual A-Arm; Rear Travel: 11" (28 cm)
Rear Suspension & Travel	Dual A-Arm; Rear Travel: 11" (28 cm)	Dual A-Arm; Rear Travel: 11" (28 cm)	Dual A-Arm; Rear Travel: 11" (28 cm)
WHEELS & TIRES			
Wheels	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)
Tires	Front Tires 27 x 9-14 / 28 x 9-14 (Optional) Rear Tires 27 x 11-14 / 28 x 11-14 (Optional)	Front Tires 27 x 9-14 / 28 x 9-14 (Optional) Rear Tires 27 x 11-14 / 28 x 11-14 (Optional)	Front Tires 27 x 9-14 / 28 x 9-14 (Optional) Rear Tires 27 x 11-14 / 28 x 11-14 (Optional)
SMART MOVING SYSTEM			
Smart Commanding System (DTU + SDC)	√	√	√
Dashboard	Digital Screen / TFT Screen (optional)	Digital Screen / TFT Screen (optional)	Digital Screen / TFT Screen (optional)
Smart Touch Screen	10.4" (Optional)	10.4" (Optional)	10.4" (Optional)
Smart-Moving App	√	√	√



UTV



FUGLEMAN  
570UH



FUGLEMAN  
1000UH



FUGLEMAN  
1000UF

OVERALL DIMENSIONS			
Vehicle Size (Length/Width/Height)	124 x 62.2 x 82.7'' (315 x 158 x 210 cm)	124 x 62.2 x 82.7'' (315 x 158 x 210 cm)	124 x 62.2 x 82.7'' (315 x 158 x 210 cm)
Ground Clearance	13.8'' (35 cm)	13.8'' (35 cm)	13.8'' (35 cm)
Seat Height	20.5'' (52 cm)	20.5'' (52 cm)	20.5'' (52 cm)
Wheelbase	81.1'' (206 cm)	81.1'' (206 cm)	81.1'' (206 cm)
Dry Weight	1650 lb (750 kg)	1870 lb (850 kg)	1684 lb (770 kg)
Fuel Capacity	11.9 gal (45 l)	11.9 gal (45 l)	11.9 gal (45 l)
Front/Rear Rack Capacity	/	/	/
Bed Box Capacity	550 lb (250 kg)	550 lb (250 kg)	308 lb (140 kg)
Payload Capacity	1227,6 lb (558 kg)	1227,6 lb (558 kg)	748 lb (340 kg)
Towing Capability	N/A	N/A	N/A
Other Features			
Smart Electric Power Steering (EPS)	Three Modes : Standard / Comfort / Sport	Three Modes : Standard / Comfort / Sport	Three Modes : Standard / Comfort / Sport
Frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame
Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System
Lights	LED	LED	LED
Colors	To Be Defined	To Be Defined	To Be Defined
Seats	3 seats	3 seats	3 seats

Notes: Segway reserves the right to change designs, specifications, features and equipment at any time without incurring any obligation in order to continually improving quality and seek for innovation.





# VILLAIN™

SEGWAY'S rambunctious SSV also boasts technology centred around its twin-cylinder, 107 horsepower engine, which amps up to 181HP with the hybrid system! As a pioneer in its class, it's cleaner and more economical, all without sacrificing power. Like all SEGWAYS, its water and oil dual-cooling system offers top performance. With its modern, aerodynamic style, VILLAIN boasts an audacious and radically different design. The VILLAIN is equipped with remote reservoirs of both front and rear shocks, and with adjustable dual speed compression and rebound that can adapt to any terrain and driving style — because it's creed is sport! With its dual A-arm with 415 mm wheel travel and rear suspension with 455 mm wheel travel, all despite a stabilizer bar, the SEGWAY VILLAIN is a sporty all-terrain vehicle. It includes beadlock rims that secure the drive and make sure that it can handle any terrain. From the adjustable seat and behind its inclinable steering wheel, drivers can access the LCD dashboard with adaptive display and get all the information they need in the blink of an eye. It's a sporty SSV that will make its mark on the European market.



## SSV



VILLAIN  
1000SH



VILLAIN  
1000SF

POWERTRAIN & DRIVETRAIN		
Powertrain	Hybrid	Fuel Engine
Engine/Motor Type	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine + PMSM (Permanent Magnet Synchronous Motor)	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine
Horsepower	181HP	107HP
Torque	250 N-m	98 N-m
Drive System	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD
Front Axle	Automatic Diff-Lock	Automatic Diff-Lock
Rear Axle	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)
Engine Braking System (EBS)	√	√
SUSPENSION SYSTEM		
Front Suspension & Travel	Dual A-Arm with Stabilizer Bar Front Wheel Travel : 15.6" (40 cm)	Dual A-Arm with Stabilizer Bar ; - Front Wheel Travel : 15.6" (40 cm)
Rear Suspension & Travel	Multi-link Trailing-Arm with Stabilizer Bar Rear Wheel Travel : 16.7" (43 cm)	Multi-link Trailing-Arm with Stabilizer Bar Rear Wheel Travel : 16.7" (43 cm)
WHEELS & TIRES		
Wheels	Aluminum with Beadlock Device	Aluminum with Beadlock Device
Tires	Front Tires 29×9.0R-14 / 30×10R-14 (Optional) Front Tires 29×9.0R-14 / 30×10R-14 (Optional)	Front Tires 29×9.0R-14 / 30×10R-14 (Optional) Front Tires 29×9.0R-14 / 30×10R-14 (Optional)
SMART MOVING SYSTEM		
Smart Commanding System (DTU + SDC)	√	√
Dashboard	TFT Screen	TFT Screen
Smart Touch Screen	10.4" (Optional)	10.4" (Optional)
Smart-Moving App	√	√





VILLAIN  
1000SH



VILLAIN  
1000SF

OVERALL DIMENSIONS		
Vehicle Size (Length/Width/Height)	131.1 x 64.1 x 66.5" (333 x163 x169 cm) 131.1 x 72.8 x 66.5" (333 x 185 x 169 cm)	131.1 x 64.1 x 66.5" (333 x163 x169 cm) 131.1 x 72.8 x 66.5" (333 x 185 x 169 cm)
Ground Clearance	14.2" (36 cm)	14.2" (36 cm)
Seat Height	6.3" (16 cm)	6.3" (16 cm)
Wheelbase	102.4" (260 cm)	102.4" (260 cm)
Dry Weight	1936 lb (880 kg)	1694 lb (770 kg)
Fuel Capacity	10.6 gal (40 l)	10.6 gal (40 l)
Front/Rear Rack Capacity	/	/
Bed Box Capacity	308 lb (140 kg)	308 lb (140 kg)
Payload Capacity	748 lb (340 kg)	748 lb (340 kg)
Towing Capability	N/A	N/A
Other Features		
Smart Electric Power Steering (EPS)	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport
Frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame
Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System
Lights	LED	LED
Colors	To Be Defined	To Be Defined
Seats	2 seats	2 seats

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# FEAR NO PLACE.



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