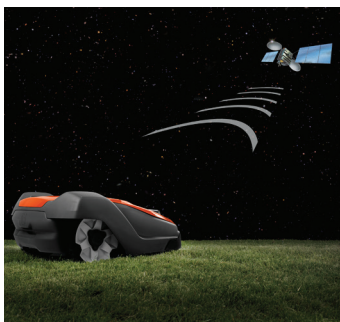




HUSQVARNA AUTOMOWER® 520

Robotic mower designed for professional fleet use. Offering remote control including theft tracking through Husqvarna Fleet Services on PC/tablet, as well as full mower control and configuration via smartphone. GPS assisted navigation and weather timer ensures uniform coverage of complex lawns, while automatically adapting mowing frequency to lawn growth. Handles all types of lawns and manages steep slopes up to 45% (24°) with perfect cutting results – even in rainy conditions. Robust thorough construction provides durability and reliability.



GPS-assisted navigation - PATENTED

An onboard GPS system creates a map of the garden, including where the boundary and guide wires are installed. Husqvarna Automower® will then register which parts of the garden it has covered and adjusts its mowing pattern accordingly. This will ensure optimized lawn coverage and an excellent cutting result.



Pro user interface

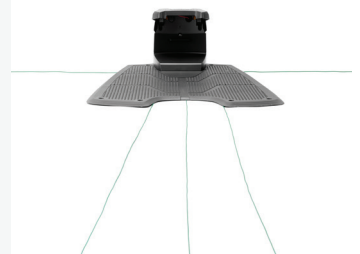
Interface adapted for professional handling, meaning all settings and controls managed remotely through Husqvarna Fleet Services smartphone app or via PC/tablet. Controls on product; status LED indication and START / STOP functionality. Simplifies use for inexperienced users and minimizes serious impact on the product in case of vandalism.

Husqvarna Fleet Services™

Husqvarna Fleet Services™ gives you the possibility to monitor and control multiple numbers of mowers from your smartphone, tablet or laptop. You can overview your mower's status or exact location, command them to start, stop or park them all before the storm arrives. Easy to adjust settings and cutting heights. Receive alarms and track the mower's position in case of theft – from everywhere.
10 years mobile data contract included. Standard on 500-series, optional on X-line models. Husqvarna Fleet Services™ also work together with all other HFS sensor equipped products.

Triple guide wires - PATENTED

Triple guidewires reduces searching time even if the installation area is really large, complex or divided into several areas.



FEATURES

- Possibility to monitor and control multiple numbers of mowers from your smartphone, tablet or laptop. Long distance connectivity including geofence and notification functionality.
- Interface adapted for professional remotely handling through Husqvarna Fleet Services. Controls on product; status LED indication and START / STOP functionality.
- An onboard GPS system creates a map and register which parts of the garden it has covered and adjusts its mowing pattern accordingly.
- Triple guidewires reduces searching time in all challenging gardens.
- Durable interchangeable poly fiber wheel brushes.
- Powerful wheels with a coarser and more aggressive tire pattern.
- A push on the PARK button to call back the mower to the charging station.
- Automower® Connect gives you full control of the mower right in your smartphone. Long distance connectivity including geofence and notification functionality.
- Wheel motors with 2 step gearboxes, a new technology that enables ultrasilent drive.
- Electrically operated cutting height adjustment.
- Adjusts the working time to the lawn's growth rate, which decreases wear on lawn and mower.
- Automatically senses narrow passages and finds its way even through the smallest passages.
- Large coarse-tread wheels provide excellent traction on slopes up to 45%.
- Possibility to start the mowing at five different remote locations along the patented guide wire, out from the charging station.
- Enables flexible placement of the charging station in the garden.
- Automatically detects imbalance in the cutting system.
- Automatic functionality where mower switches cutting technology to systematic spiral pattern to even out grass height differences.
- Interchangeable top cover. Available in Husqvarna orange and granite grey.
- Makes the mower more resistant to recurrent collisions with trees, shrubs and other objects.
- Equipped with GPS based geofence including flash notifications to your devices.
- Mower concept with the highest level of reliability, quality and cutting performance.
- Beautiful and carpet-like lawn thanks to a cutting method where the blades cut the grass gently from all directions.
- Silent
- Equipped with sharp razor-like blades mounted on a robust cutting disc system for best cutting performance and low energy consumption.
- No emissions
- Equipped with high-sounding alarm and PIN code lock.
- The mower automatically finds its charging station
- Low energy consumption
- Easily programmable weekly timer function.
- Lift & Tilt sensors
- Designed to function properly and unattended regardless of the weather conditions.

Technical Specifications

BATTERY	
Battery capacity	4.0 Ah
Battery pack weight	0.65 kg
Battery type	Li-Ion
Battery voltage	18 V
Charging current	2.2 A
Charging system	Automatic
Connected digital function set (calc)	No BT Product w HTV : Planned N/AAMC : N/A N/Automower® : N/A N/A
Power consumption during cutting	30 W
Typical charging time	50 min
Typical mow time on one charge	75 min
Utilized Battery Capacity	3.2 Ah
Voltage	18 V
CAPACITY	
Area capacity per hour	92 m ²
Maximum slope performance at boundary	15 %
Maximum slope performance inside installation	45 %
Maximum slope performance inside installation	24 °
Mean energy consumption at maximum use	2200 m ²
Power source	Battery
Working area capacity (±20)	2200 m ²
CERTIFICATIONS	
CLG Product (Calc)	Yes
Firmware Update	Dealer Service
DIMENSIONS	
Article gross weight	24600 g
Article net weight	12200 g
Cutting width	24 cm
Weight	13.3 kg
ENGINE	
Blade motor type	3- phase brushless DC motor
Drive motor type	Ultrasilent drive, Brushless DC motor
Power/fuel type	Battery

Technical Specifications

EQUIPMENT	
Alarm	Yes
Colour	Orange, Grey
Cutting system	3 pivoting razor blades
Extra blades	6 pcs
Follow boundary	Yes
Follow guide	3
Handle type	Integrated
Headlights	No
Home signal	Yes
Display	None
Installation lock	No
User Interface	Professional User Interface/App
Lift sensor	Yes
Loop wire	0 m
Navigation system	Irregular
PIN code	Yes
Search system	Pentasearch
Stakes	0 pcs
Tilt sensor	Yes
Time lock	Yes
Schedule	Yes
Ultrasonic sensor	No
Wheel threads	Medium
Wireless Connectivity	Bluetooth, Cellular
MATERIALS	
Body	ASA plastic
Master pack: Paper + Cardboard	0 g
Metal total	0 g
Paper + Cardboard total	3288 g
PE total	121 g
PET total	0 g
Plastic foil	121 g
Plastic rigid	0 g
Plastic total	121 g
PS/EPS/HIPS total	0 g
SOUND AND NOISE	
Sound level Guaranteed	59 dB(A)
Sound level Measured	58 dB(A)
PACKAGING	
Packaging height	340 mm
Packaging length	930 mm
Packaging volume	202.37 dm ³
Packaging width	640 mm
Quantity in Master pack	1