

PRODUCT CATEGORIES AND PATENTS

2019

STIGA







Neat or wild, big or small,
plain or colourful,
gardens come in all
shapes and forms and
so do their owners.

In STIGA, we love all types of gardens and we care for every gardener, and that's why we strive to create the best equipment to let you simply live and enjoy your garden.

YOUR GARDEN, YOUR LIFE

STIGA

Model 1

The most advanced and lightest lawnmower in its category

The ultimate lawnmower

With Model 1, STIGA has reached a completely new level when it comes to battery mowers.

Combining advanced construction materials, high tech components and a powerful battery that guarantees an extremely light weight yet robust machine delivering perfect cutting performance.



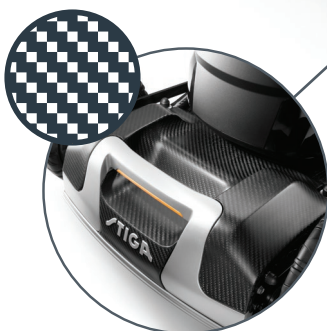
FULL CONTROL

Mower speed, cutting height, energy reserve and Eco-function. Controls all feature on the LCD TFT handlebar display.



GREAT POWER

The engine is powered by a 5 Ah battery that delivers the same power as its petrol equivalent.



ULTRALIGHT STRUCTURE, ADVANCE MATERIALS

With its 6 layers of carbon and Kevlar fibre, these composite materials offer the perfect combination of mechanical strength and resilience to impacts.



VERTICAL STORAGE

The advanced aluminium single cam-lock allows the handle to be quickly folded and stored vertically.

STIGA MULTICLIP PERFORMANCE

The cutting deck has been enhanced and redesigned for better mulching results.

ELECTRONIC TRANSMISSION

From 2,5 to 5,0 km/h by electronic variator which allows smooth speed adjustment.

DIGITALLY CONTROLLED CUTTING HEIGHT SETTING

Servo actuator for electric height adjustment.

HIGH-TECH ALUMINIUM COMPONENTS

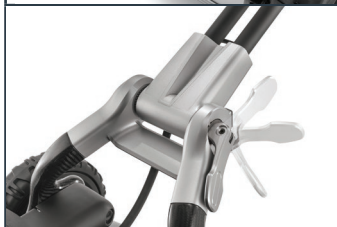
Built in Aluminium 7000 series (ERGAL) used in the Aerospace industry, the functional elements offer the best strength-to-density ratio.

MODEL 1 - PATENTS



PATENT 102017000087949 (17155) HIGH TECH CHASSIS WITH CARBON AND KEVLAR FIBERS

Patent filed in 2017, designed to protect the optimal composition of carbon and kevlar fiber layers in order to achieve the required resilience.



PATENT 102017000145937 (17156) MODEL 1 HANDLE SYSTEM

Patent filed in 2017, the central mechanism of the new Model 1 handle can be unlocked by a single lever to be positioned at the optimal height, rather than reclined for storage.



MODEL 1

Battery voltage	80V
Battery capacity	5 Ah
Cutting method	Mulching
Deck material	Composite material: carbon / kevlar fibre layers
Cutting width	48 cm
Cutting height adjustment	Electronic
Cutting height range	5 positions, 25-75 mm
Driving	Self propelled
Wheels	210/210 mm grooved aluminium wheels on ball bearing
Art Nr.	291523008/ST1

e-Park 220

The front mower that runs on battery

The first Lithium-Ion battery powered front mower

Imagine cutting your large grassed lawn with little sound from a mower engine, the minimum of effort and non-existent carbon emission; well you can now on the e-Park 220.

All the benefits of a battery powered mower on a rider!



FULL CONTROL

High-resolution colour display provides with information about the central parameters and main functional settings.

ELECTRIC DRIVE

Digitally controlled 1.7 kW brushless motor, providing a smooth drive in all conditions. Provided with Cruise control.



GREAT POWER

Powered by an innovative 4.3kW 90Ah Lithium-Ion battery. Just plug in and charge from any standard home power source in just a few hours.



QUICK FLIP

STIGA QUICKFLIP TECHNOLOGY

Fitted with the Park
95cm QuickFlip (QF)

cutting deck, the mechanism allows the deck to be easily raised for washing and maintenance with minimal effort.

ARTICULATED STEERING

For utmost manoeuvrability around obstacles and in narrow spaces.

ELECTRIC BLADE ENGAGEMENT

Dual blade mulching deck powered by electric 5 kW brushless motor.

COMFORT ENHANCEMENT

Adjustable steering wheel with knob. Pedal for lifting the deck to transport position; ergonomic seat with good back support and plenty of leg space in front. Service lid to easily plug the cable for battery recharge.



E-PARK 220 - PATENTS

PATENT EP 2018095 (14073/IT)

QUICK RELEASE-COUPLING DEVICE OF THE CUTTING DECK

Patent filed in 2006. The patent refers to the mechanism removing tension from the transmission belt to facilitate assembly/ disassembly of the cutting deck.

PATENT EP3106014 (15089/IT)

QUICK FLIP MECHANISM

Patent filed in 2015 together with the 15088. The mechanism allows to lift the cutting deck up to the washing/ maintenance position without disassembling the transmission belt.



E-PARK 220

Power source	Lithium-Ion battery
Battery capacity	90 Ah
Traction/blade motors	Electric
Cutting width	95 cm
Cutting height adjustment	Electric
Transmission	Electric, Rear-wheel drive
Steering type	Articulated
Seat type	Standard
Seat adjustment	Locking knobs
PTO engagement	Electromagnetic
Cruise control	Electronic
Charging system	On board charger
Net weight	230 kg

Art Nr. 2F5828001/ST1



Powerhead 500 Synchronized

Smarter energy. Greater power.

The STIGA battery powertrain has revolutionized the lawn mowing market by changing the petrol engine into a battery one without losing performance. Now it's time to do it again.

The new Powerhead 500 Synchronized adds a new smarter way to manage energy..

Two smart batteries working synchronized for smarter energy usage, longer life span and even greater power.



SMARTER ENERGY USAGE

Two smart batteries work together and concurrently inside the heart of a STIGA lawn mower.



EVEN GREATER POWER

Setting a new standard as the two batteries balance themselves: higher energy is delivered simultaneously and there is no need to switch battery during mowing session.



LONGER LIFE SPAN

The simultaneous battery work creates less usury to both the batteries and the powerhead granting a longer life span.



Same batteries fit
on many applications



LAWN MOWERS



HEDGE CUTTER



AXIAL BLOWER



LAWN TRIMMER

BRUSH CUTTER



BATTERIES	SBT 520 AE	SBT 540 AE	SBT 550 AE
Battery capacity	2 Ah	4 Ah	5 Ah
Art Nr.	278012008/ST1	278014008/ST1	278015008/ST1

CHARGERS	SCG 515 AE	SFC 530 AE
Charger	Standard	Fast
Art Nr.	278020008/ST1	278030008/ST1



The first mower with digital display 1,54"

COMPATIBLE WITH DIGI-HANDLEBAR

So lawn mowers are provided with the new handlebar granting:

- STIGA robustness, quality and comfort
- Digital display for all operating infos within easy eyeshot
- Advanced safety switches activated by gripping the handle
- Self propelled traction activated by electronic micro switches
- Eco-Mode function preserving battery energy and granting 15% higher runtime when full power is not needed

EASY TO REACH ALL FUNCTIONS AT YOUR FINGERTIPS

Self-propelled traction is started by electronic micro switches that you can easily activate with your fingers. The eco-mode button is easily turned on/off by your right thumb. It reduces the RPM for energy optimization when the grass is not so high and just needs a quick tidy up.

EASY TO SEE ALL CONTROLS WITHIN EASY EYESHOT

Digital display on the handle shows all operating info:

- Battery charge in %
- Mower Speed scale
- Activation of Eco-Mode
- Eco-Mode function - When activated, reduces motor speed from 2900 to 2600 rpm preserving battery energy and granting 15% higher runtime when full power is not needed.

The new STIGA 500 powertrain sets a new standard

IDEAL FOR LARGER SIZE LAWN MOWERS

So suitable even for Twinclip 50, Multiclip Pro 50, Combi 55 models.

POWERED BY DIFFERENT CAPACITY

So different lawn mowers are equipped with dual 4 or 5 Ah.

SUITABLE FOR ELECTRIC TRANSMISSION

with speed variator for excellent comfort of use.



TOP RANGE MODELS

	TWINCLIP 50 SQ DAE	MULTICLIP PRO 50 SX DAE	COMBI 55 SQ DAE
Battery capacity	5 Ah	5 Ah	5 Ah
Number of batteries	4	2	4
Deck material	Galvanized Steel	Galvanized Steel	Galvanized Steel
Cutting method	Collecting, Mulching, Rear discharge, Side discharge	Mulching	Collecting, Mulching, Rear discharge, Side discharge
Cutting width	48cm	48cm	53cm
Cutting height adjustment	Centralized	Centralized	Centralized
Cutting height range	7 positions, 25 - 77mm	5 positions, 31 - 75 mm	5 positions, 25 - 80 mm
push or self propelled	Self propelled	Self propelled	Self propelled
Equipment	Digi-handlebar with camlocks + softgrip, electric speed variator, 4in1 cutting system, front alu handle	X-shape Digi-handlebar, electric speed variator, front handle	Digi-handlebar with camlocks, electric speed variator, 4 in one, front handle
Wheels	210/240 ball bearings	210/210 ball bearings	200/280 ball bearings
Art Nr.	294512878/ST1	291502108/ST2	294556878/ST1



HAND HELD APPLICATIONS

	SHT 500 AE	SAB 500 AE	SGT 500 AE	SBC 500 AE
Suggested battery capacity	2 Ah	2 Ah or 4 Ah	2 Ah	2 Ah
Control panel	Electronic	Electronic	Electronic	Electronic
Adjustable handle	-	-	yes	-
Extra function	-	-	Edging function	-
Cutting lenght	570 mm	-	-	-
Blade speed	2900 spm	-	-	-
Handle	Rotating	-	-	-
Max air volume	-	12,2 m3/min	-	-
Max air speed	-	51,4 m/s	-	-
Art Nr.	278300008/ST1	278500008/ST1	278100008/ST1	278200008/ST1



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Get a perfect lawn and time to actually enjoy it

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LAWN MOWERS

A wide variety of lawn mowers for every type of garden

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FRONT MOWERS

Meet the challenges of mowing head on

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LAWN TRACTORS

Born to ride everywhere

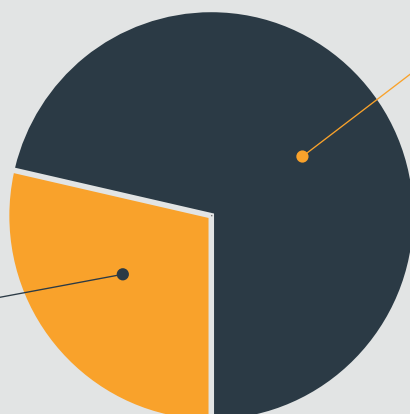
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71 STIGA PATENTS

ORNAMENTAL DESIGN (5 years) 19

Lawn mowers	6
Front mowers	6
Lawn tractors	5
Robot mowers	-
Chainsaw	1
Engine	1
All	-



INVENTION & UTILITY MODELS (20 years)

52

Lawn mowers	18
Front mowers	18
Lawn tractors	11
Robot mowers	3
Chainsaw	1
Engine	-
All	1

Robot mowers

Autoclip



Get a perfect lawn and time to actually enjoy it

STIGA Autoclip robot mowers combine real metal blades with the latest technology to provide superior cutting and optimal efficiency.

Leave the work to a perfectionist, sit back and just relax!

Being a STIGA Autoclip



PERFECT LAWN

Incomparably smooth and perfectly cut lawn. You will be astonished by how much your turf will improve in appearance and health after using STIGA Autoclip in your garden for just a few months.



FULL CONNECTIVITY

All Autoclip robots are equipped with full connectivity via Bluetooth or GSM making it easier than ever to control and program your robot to suit your life.



TIME & ENERGY EFFICIENCY

Thanks to its superior battery capacity, Autoclip works for a long time without having to return to the charging station. So, while other robots occupy the garden much longer, Autoclip leaves you with all the time you want to enjoy your garden.

TECHNICAL PATENTS

PATENT REF. 16152/IT LAWN MOWER WITH SAFE CUTTING DECK

PATENT REF. 16153/IT LAWN MOWER WITH SAFE CUTTING DECK

PATENT REF. 18034/IT ULTRASOUND DETERRENT FOR WILD ANIMALS

ADDITIONAL FEATURES



HANDLES SLOPES UP TO 45%

The wheels provide excellent traction and allow STIGA Autoclip to tackle steep slopes.



RAIN SENSORS

Alert Autoclip to return to the charging station and stay there as long as it rains.



INTELLIGENT SPIRAL MOVEMENT

When tall grass is detected, the robot triggers the intelligent spiral movement for a perfect finish.

BRUSHLESS MOTORS

Save battery power, reduce noise levels and work for longer sessions between maintenance intervals.

AUTOMATIC RECHARGING

The robot returns and connects to the charging station autonomously.

SUPERIOR LITHIUM-ION BATTERIES

The most innovative solution to reach improved performance and longer working times.

THEFT PROTECTION

Keep your robot safe with a 4-digit PIN code to prevent theft or unauthorized use.

BORDER CUT

Border cut ensures a perfect finish by also cutting alongside the perimeter wire.

SEPARATE AREAS

Manages up to 8 different working areas.

ECO-MODE

The sensor detects where the lawn has already been mowed, improving efficiency.

Autoclip 500

The smartest and most efficient way to a perfect lawn

The Autoclip 530/550 SG are provided with remote control operation via the Autoclip Remote App that allows you to exclude areas in which you don't want it to work. With an integrated GPS system, this robot mower can map terrain for an intelligent sub-zone cut.



DISPLAY

Wide touch screen display with pre-set and customized working modes, an intuitive menu and easy access to the robot's functions.



BIG WHEELS WITH HIGH-GRIP

Bigger wheels (270 mm) with a new high-grip tread perform excellently on grounds in any condition.



WORKING AREA



ZONE CUT OPTIMIZATION



SMART CUT SYSTEM





	AUTOCLIP 550 SG	AUTOCLIP 530 SG	AUTOCLIP 528 S
Maximum working area	5000 m ²	3200 m ²	2600 m ²
Motor type	Brushless	Brushless	Brushless
Battery_type	Lithium-ions	Lithium-ions	Lithium-ions
Number of batteries	2	1	1
Battery voltage	25,9V	25,9v	25,9V
Battery_capacity	7,5 Ah	7,5 Ah	7,5 Ah
Maximum working time	7h	3h 30min	3h 30min
Cutting method	GPS-assisted virtual partition	GPS-assisted virtual partition	Random
Cutting width	29 cm	29 cm	29 cm
Cutng height range	25-70 mm	25-70 mm	25-70 mm
Blade type	4 teeth / 8 edges	4 teeth / 8 edges	4 teeth / 8 edges
Blade speed	3000rpm	3000rpm	3000rpm
Maximum cutting speed	30 m/min	30 m/min	30 m/min
Eco-mode	Yes	Yes	Yes
Rain sensors	Yes	Yes	Yes
Maximum managed areas	8	8	8
Maximum slope	45%	45%	45%
Obstacle detencion sensors	On cover	On cover	On cover
PIN code	Yes	Yes	Yes
Smart APP	Yes	Yes	Yes
APP Control	GSM/GPS	GSM/GPS	Bluetooth
User interface	Touch screen display	Touch screen display	Touch screen display
Product weight	18 kg	16,7 kg	16,7 kg
Art Nr.	2R5007658/ST1	2R5005658/S17	2R5005558/S17



Autoclip 200

It cuts the lawn perfectly
and it is never in your way

Compact, light and reliable robots that handle even the most complex gardens, narrow spaces and slopes up to 45%. The Autoclip Remote App allows you to control your robot via Bluetooth.



SOLID METAL BLADE

Not only is the solid blade safer and provides greater cutting results, it also lasts longer – when the blade starts to wear out just flip it and double its life time.



AUTOMATIC RECHARGING

Autoclip autonomously returns and hooks up to the charging station, proceeding alongside the perimeter wire; no guide cable needed. Installation wire options regulate its return routes and movements. The charging base cover is available as separate accessory (included in 230S model).



**WORKING
AREA**



**FACING
COMPLEXITY**





	AUTOCLIP 230 S	AUTOCLIP 225 S
Maximum working area	2000 m ²	1100 m ²
Motor type	Brushless	Brushless
Battery_type	Lithium-ions	Lithium-ions
Number of batteries	3	2
Battery voltage	25,9V	25,9V
Battery_capacity	2,5 Ah	2,5 Ah
Maximum working time	4h	2h 30min
Cutting method	Random	Random
Cutting width	25 cm	25 cm
Cutng height range	25-60 mm	25-60 mm
Blade type	4 teeth / 8 edges	4 teeth / 8 edges
Blade speed	2800rpm	2800rpm
Maximum cutting speed	30 m/min	30 m/min
Eco-mode	Yes	Yes
Rain sensors	Yes	Yes
Maximum managed areas	4	4
Maximum slope	45%	45%
Obstacle detencion sensors	On wheels	On wheels
PIN code	Yes	Yes
Smart APP	Yes	Yes
APP Control	Bluetooth	Bluetooth
User interface	Keypad with display	Keypad with display
Product weight	10,1 kg	9,8 kg
Art Nr.	2R2005158/S17	2R2002058/S17



Autoclip M

Change to a better lawn
and an easier life

Autoclip M Series is the easy way to a perfect lawn and more free time. It's easy to install, easy to use and easy to program.

Set it at manual mode to start cutting when you want or set the automatic mode and program it directly on your smartphone.



**WORKING
AREA**



**FACING
COMPLEXITY**



MANUAL/AUTOMATIC MODE

For manual mode push the START button on the keypad and the mower is ready to go. For automatic mode download the STIGA Autoclip Remote App, connect via Bluetooth and program your working cycles remotely.

WHAT IS IN THE BOX

Everything needed for installation in the box and the installation of the wire is solved quick and easy.





	AUTOCLIP M7	AUTOCLIP M5	AUTOCLIP M3
Maximum working area	750 m ²	500 m ²	300 m ²
Motor type	With brushes	With brushes	With brushes
Battery_type	Lithium-ions	Lithium-ions	Lithium-ions
Number of batteries	2	1	1
Battery voltage	25,9V	25,9V	25,9V
Battery_capacity	2,5 Ah	2,5 Ah	2,5 Ah
Maximum working time	2h	50min	50min
Cutting method	Random	Random	Random
Cutting width	25 cm	25 cm	22 cm
Cutng height range	25-60 mm	25-60 mm	25-60 mm
Blade type	4 teeth / 8 edge	4 teeth / 8 edge	4 teeth / 8 edge
Blade speed	2800rpm	2400rpm	2400rpm
Maximum cutting speed	28 m/min	25 m/min	25 m/min
Eco-mode	Yes	No	No
Rain sensors	Yes	Yes	Yes
Maximum managed areas	3	2	2
Maximum slope	45%	45%	0,45
Obstacle detenction sensors	On wheels	On wheels	On wheels
PIN code	Yes	Yes	Yes
Smart APP	Yes	Yes	Yes
APP Control	Bluetooth	Bluetooth	Bluetooth
User interface	Keypad with display	Keypad	Keypad
Product weight	9,8 kg	9,5 kg	9,5 kg
Art Nr.	2R2002008/ST1	2R2001608/ST1	2R2001508/ST1



Lawn mowers

Twinclip, Multiclip
& Combi Collector



A wide variety of lawn mowers for every type of garden

Designed for effortless best results, STIGA lawnmowers are the most comprehensive range on the market, meeting all lawn care needs.

Covering all consumer needs and expectations.

Being a STIGA Lawn mower



TOP CUTTING BLADES TECHNOLOGY

Cutting performance is a must and STIGA assures its top execution by the patented double-layered blade on Twinclip, the STIGA Multiclip technology, while giving the possibility to choose among 4 different cutting methods.



DIVERSIFICATION OF POWER SOURCE AND DECKS

Keeping the variety of customer's gardens in mind, STIGA offers a wide scale of cutting decks shape, design and width and let you choose between the power source most suitable to your garden needs.



A PERFECT CONFIGURATION

To fulfill each customer's approach, expectation and value for money, the STIGA lawnmowers range offer a multiplicity of configurations from essential to fully accessorised with a mower to suit everyone.

ADDITIONAL FEATURES



VARIETY OF POWER SOURCES

Choose among manual cylinder mowers, electric machines, battery Li-Ion technology and petrol engines.



CAPACIOUS GRASSBAGS

Fabric grass collectors with a capacity of up to 70 L, for a collection done properly.



WIDE RANGE OF CUTTING HEIGHTS

Adjusting all wheels to the desired level is easy with one comfortable lever.

TOP SELECTION OF HANDLES

Digital displays on battery powered models, height adjustment systems over injected levers on Twinclip and X-shaped handles on Multiclip.

WIDEST CUTTING SIZE RANGE

From 33 to 53 cm deck diameter.

DRIVING

You decide whether to push your lawn mower or follow it if provided with self propelled driving. Electric transmission on top battery mowers versions.

SELECTION OF DECKS

Top materials and innovative engineering for maximum results.

EQUIPPED FOR YOUR COMFORT

Electric start: start the engine with the push of a button or by turning the key. No cord to pull.

Speed variator: for the mower to adjust its speed to your walking one.

Vibe Control System: reduce vibrations by shock absorbing materials.

Blade Brake Clutch: disengage the blade while keeping the engine on.

Washing link: to store the mower perfectly clean and preserve it.

Vertical storage: store it vertically with oil and fuel in by occupying less space.

Roller versions: replace the back wheels with a rear steel roller for the perfectly striped English garden.

Twinclip

Double the cut
for total lawn care

All models feature a double-edged Twinclip blade, doubling mowing efficiency and power for the perfect cut. STIGA Twinclip lawn mowers offer superior cutting and collecting performances, maximum comfort and everlasting endurance.



XC SYSTEM TECHNOLOGY

Double-layered blade specifically shaped to perform a double cut and make grass clippings smaller

Special deck design improving the airflow and the overall collecting performances

Extrashield protecting mechanical parts against dirt and bumps.

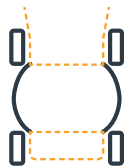


ONE MOTION SYSTEM

Plug-in-box allows you to plug it with just one hand and in just one move

Button-handle system to regulate to desired cutting height in just one movement

Overinjected levers to adjust the Pro handlebar in height by means of a single motion



STRONG CONSTRUCTION

Composite deck mixing the resistance of galvanized steel with the durability of aluminium

Stronger chassis with four moulding steps to double the stiffness

Heavy Duty transmission, design less sensitive to wear and with no cable adjustment for increased durability, performance and solidity by alu case.





Multiclip

Ultimate mulching to nurture the beauty of your lawn

Leaders in mulching for over 30 years. Robust, solid and efficient, the STIGA Multiclip mowers feature aluminium or steel chassis resistant to knocks and rust and specially designed blades for top mulching. Cut, fertilize and get the healthy grass you desire.



MULTICLIP TECHNOLOGY

The STIGA Multiclip system cuts and recuts the grass into tiny pieces that simply wilt away, returning valuable nutrients to the soil to encourage beautiful green growth.



TIME SAVER

You do not need to rake up the clippings or empty a collector, which means you can cut the grass around 30% faster when compared to a collecting mower. You also would not need to rake leaves as Multiclip works just as well for leaves.



NATURE RESPECTFUL

- The mulch returned to the soil contains valuable nutrients that feed the lawn, eliminating the need for additional chemical fertilizers.
- The finely chopped grass particles contain essential water and create a moist layer in your lawn, reducing the need for watering.
- Multiclip improves the soil and root zone, helping to reduce thatch.



Combi

The perfect combination of performance and comfort

Combi models are versatile lawn mowers offering 3 to 4 cutting system in one machine: choose between collect, mulching, rear and side discharge. The Combi petrol series has been enhanced with top range lawn mowers with improved airflow for superior performance, new ergonomic design and better collecting results. Combi 48 & 43 were renewed too.

New features on Combi 48 and 43 models



FRONT HANDLE

Provides a more aggressive look to the mower and can be useful when lifting the mower.



SKID PLATE

Front skid plate as standard to improve grass collection and reduce scalping.



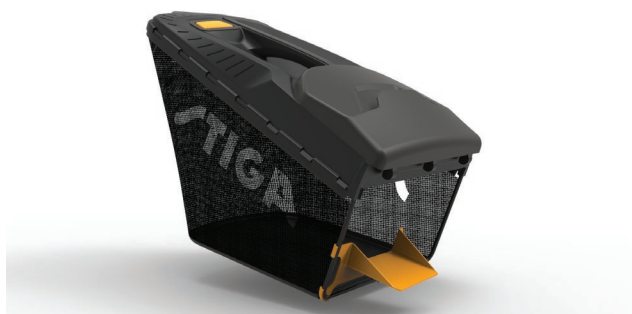
CENTRAL ADJUSTMENT

All versions fit central height adjustment as standard.



BOX INDICATOR

Grasscatcher with full box indicator as standard.



GRASSBOX GUIDE

Reduces the loss of grass during emptying operations.



WASHING LINK

Useful connector to water hose for quick wash of the deck after usage.

Lawn mowers patents



TECHNICAL PATENTS



PATENT EP3141099 (15119) TWIN CLIP BLADE

The double-layered blade allows superior performance in both collecting and mulching, while optimizing the blade effort required for cutting. Filed in 2015, the patent protects the functional geometries of the blade.

UTILITY MODEL EP2692223 (12162/IT) AIR INTAKE SYSTEM FOR CUTTING MEANS

Lower deck protection bettering the air flow distribution in order to improve the lawn collection capacity. Filed in 2012.

Also available on STIGA Combi 55 & 50 models.



PATENT EP3141101 (15120/IT) REMOTE HEIGHT ADJUSTMENT HANDLEBAR SYSTEM

The mower handle adjustment system allows to adjust the desired handle position directly from the handlebar grip. Filed in 2015.



PATENT EP 3141098 (15118) PLUG-IN BOX SYSTEM

The system allows you to apply the grass collector using just one hand for the improved comfort of the operator. Filed in 2015.



PATENT EP3064051 (15023) SPEED VARIATOR CONTROL SYSTEM

Patent filed in 2015, it relates to a system to adjust the speed of a lawnmower moving forward with reduced effort if compared to standard parameters.

On Twinclip models provided with speed variator.

PATENT 102016000125705 (16140) ANTI VIBRATION SYSTEM

Patent filed in 2016, a new solution for containing vibrations on lawnmowers.

On Twinclip models provided with VCS - Vibe Control System.

PATENT 102017000087949 (17100) SAFETY SYSTEM TO PREVENT BLADE STARTING WHEN THE MOWER IS IN A VERTICAL POSITION

Patent filed in 2017, the solution inhibits the engine start if the mower is stored in a vertical position.

On Twinclip when provided with B&S Mow & Stow engine and Electric Start

TECHNICAL PATENTS

**PATENT REF. 01122/EP/IT-TR
LAWN MOWER CUTTING BLADE**

**PATENT REF. 06171/EP/IT P
ARTICULATION FOR LAWN MOWER HANDLE**

**PATENT REF. 11110/IT
ELECTRICAL CONNECTION DEVICE FOR
BATTERY MOWER**

**PATENT REF. 12145 IT
MACHINE FOR MOWING LAWNS AND
GARDENS WITH AN ADJUSTABLE
ARTICULATED FRAME**

**PATENT REF. 13104/IT
LAWN MOWER WITH POST-COMPRESSION
BLADE**

**PATENT REF. 15014
LAWNMOWER WITH SELF-SUPPORTING
ASSEMBLY WITH RAPID ASSEMBLY**

**PATENT REF. 12058/IT
ROPE GUIDE FOR ENGINE STARTING**

**PATENT REF. 15102-IT
ELECTRIC LAWMOWER WITH SECURITY
SYSTEM**

**PATENT REF. 16082/IT
LAWNMOWER WITH DETECTION AND
SIGNALING SYSTEM**

ORNAMENTAL DESIGN PATENTS

**6 PATENTS:
5 EU COMMUNITY DESIGN
1 ORNAMENTAL DESIGN, TWINCLIP BLADE**



Front mowers

Park Pro,
Park & Villa



Meet the challenges of mowing head on

Cutting-edge solutions providing the top cutting results, the front visibility and the joint agility, plus the versatility of use that consumers need for any large lawn mulch upkeep.

Pioneers of the mulching technology applied on a ride-on machine.

Being a STIGA front mower



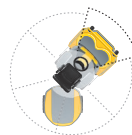
TOP MULCHING PERFORMANCE

Thanks to the specially designed blade and cutting deck, the grass whirls round and is chopped into very small pieces that are then forced back into the ground for excellent self-fertilization.



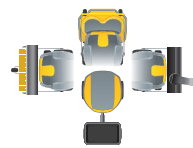
ARTICULATED STEERING

All STIGA front mowers are articulated machines that move smoothly with the utmost manoeuvrability even in narrow spaces. STIGA Park models have 50/50 articulated steering and bend in the middle when you turn.



FRONT MOUNTED

The front-mounted cutting deck has many advantages. It not only gives you full control of the machine as you move forward, but is easy to clean and replace with an accessory such as a snow blade or brush.



IMPLEMENT CARRIER

With a STIGA Park you get several machines in one, as they are also tool carriers. With a wide range of innovative accessories these front cut mowers are extremely versatile.

ADDITIONAL FEATURES



QUICK FLIP

QUICKFLIP TECHNOLOGY & RAC SYSTEM

Raise the deck for cleaning in just one move. Switch front implements without any additional tools. The hydraulic tool lift and link are available on top range versions.

FRONT HEADLIGHTS

Enjoy greater visibility during low-light sessions, particularly useful in winter when clearing snow.

COMBI DECKS UP TO 125 CM

A wide range of decks from 85 to 125cm with 2 or 3 mulching cutting blades. Use mulching for fine cutting or rear discharge for longer grass. Manual or electric cutting height selection.

LATERAL DRIVING CONSOLE

Monitor all commands at a glance (display available on top-of-the-range versions) and engage the blade instantly at the push of a button.

PEDAL-OPERATED HYDROSTATIC TRANSMISSION

With no gears to operate, your hands remain comfortably on the steering wheel. Top-of-the range models are equipped with 4WD.

POWER STEERING

Mow around obstacles easily and prevent arm fatigue. The Pro Drive feature available on Pro models is suitable for intensive use.

Front mowers patents

TECHNICAL PATENTS

On Park Pro 740 IOX, Park Pro 540 IX, Park Pro 340 IX



PATENT EP2929772 (14038/IT)

SAFETY SYSTEM FOR OPERATOR PRESENCE CONTROL SWITCH

Patent filed in 2014, the electronics system allows to detect the correct assembly of the 'operator presence control' circuit so that the machine can be run only with operator properly seated.

PATENT EP 2018095 (14073/IT)

QUICK RELEASE-COUPLING DEVICE OF THE CUTTING DECK

Patent filed in 2006. The patent refers to the mechanism removing tension from the transmission belt to facilitate assembly/ disassembly of the cutting deck.

PATENT 102017000149736 (17157/IT)

SAFETY DEVICE FOR QUICK FLIP PARK

Patent filed in December 2017, the mechanism prevents the blades start when the cutting deck is in the washing/maintenance position.

PATENT 102017000149835 (17158/IT)

RELEASE MECHANISM FOR QUICK FLIP PARK

Patent filed in December 2017, the easy-to-activate mechanism unlocks the cutting deck to be raised to washing/ maintenance position.

TECHNICAL PATENTS

On Park 740 PWX, Park 720 PW, Park 540 DPX, Park 540 PX, Park 520 P, Park 420 P



PATENT EP 2018095 (14073/IT) QUICK RELEASE-COUPLING DEVICE OF THE CUTTING DECK

Patent filed in 2006. The patent refers to the mechanism removing tension from the transmission belt to facilitate assembly/ disassembly of the cutting deck.

PATENT 102017000149736 (17157/IT) SAFETY DEVICE FOR QUICK FLIP PARK

Patent filed in December 2017, the mechanism prevents the blades start when the cutting deck is in the washing/maintenance position.

Also available on STIGA Park 340 PWX with 110 deck and Park 320 PW with 110 or 125 deck.

PATENT 102017000149835 (17158/IT) RELEASE MECHANISM FOR QUICK FLIP PARK

Patent filed in December 2017, the easy-to-activate mechanism unlocks the cutting deck to be raised to washing/ maintenance position.

Also available on STIGA Park 340 PWX with 110 deck and Park 320 PW with 110 or 125 deck.

PATENT EP 1901936 (14072/IT) FRONT TRANSMISSION DAMAGE PREVENTION DEVICE

Patent filed in 2005. The mechanism automatically resets the bypass of the front transmission at start-up.

On STIGA Park when provided with 4WD, so on STIGA Park 740 PWX, Park 540 DPX and Park 540 PX.

Also available on Park 340 PWX and Park 340 PX.

Front mowers patents

TECHNICAL PATENTS

On Park 220 and Park 120



PATENT EP 2018095 (14073/IT)

QUICK RELEASE-COUPLING DEVICE OF THE CUTTING DECK

Patent filed in 2006. The patent refers to the mechanism removing tension from the transmission belt to facilitate assembly/ disassembly of the cutting deck.

PATENT EP3106014 (15089/IT)

QUICK FLIP MECHANISM

Patent filed in 2015 together with the 15088. The mechanism allows to lift the cutting deck up to the washing/ maintenance position without disassembling the transmission belt.

TECHNICAL PATENTS

**PATENT REF. 14066/SE
STEERING DEVICE FOR AN IMPLEMENT
CARRIER**

**PATENT REF. 14067/SE
MECHANISM FOR LOCKING A PEDAL ON AN
IMPLEMENT-CARRYING VEHICLE**

**PATENT REF. 14069/SE
DEVICE FOR FRONTMOUNTING OF AN
IMPLEMENT ON A VEHICLE**

**PATENT REF. 14070/SE
STEERING DEVICE IN AN IMPLEMENT
CARRIER**

**PATENT REF. 14071/SE
ARRANGEMENT FOR INTERNAL COMBUSTION
ENGINE**

**PATENT REF. 14074/SE
REAR LIFT OF MOWING UNIT**

**PATENT REF. 14075/SE
FASTENING MEANS**

**PATENT REF. 17161/IT
PROTECTIVE FRAME FOR LAWNMOWER WITH
INCLINABLE CUTTING DECK**

**PATENT REF. 15088/IT
LIFTING DEVICE FOR THE CUTTING DECK OF A
LAWN MOWER**

**PATENT REF. 15093/IT
SELF-CENTERING MOWER LIFTING
MECHANISM**

**PATENT REF. 16020/IT
MOWER WITH QUICK COUPLING FOR FRONT
ACCESSORIES**

**PATENT REF. 18085/IT
MOWER WITH BYPASS FOR STEERING AT NO
SPEED**

ORNAMENTAL DESIGN PATENTS

6 PATENTS



Lawn tractors

Estate,
Tornado & Combi



Born to ride everywhere

STIGA lawn tractors are the ultimate choice for any challenging garden task, from cutting and collecting grass to mulching and fertilising.

Discover how easy big lawn care can be.

Being a STIGA lawn tractor



TOP CUTTING, DISCHARGE AND COLLECTING

The central direct funnel on the Estate range conveys the cut grass from the deck to the large collector, whilst the large side discharge funnel featured on the Tornado tractors ensures the cut grass is evenly distributed on the lawn.



EASY TO USE AND DRIVE

Available on selected Twin cylinder engines, the automatic choke allows you to start your tractor's engine at all temperatures with the turn of a key. Intuitive hand and foot-operated commands make STIGA tractors easy to use, drive and maintain.



POWERFUL ENGINES

All the power of engines up to 726cc for top cutting results, unmatched discharge and collecting performances. Large fuel tanks (up to 15l) allow you to work longer, uninterrupted sessions.



VERSATILE

STIGA lawn tractors are high-performing, adaptable tools for surfaces of any size and shape, with various lawn growing speeds and maintenance needs. In-class ergonomics and quality structure.

ADDITIONAL FEATURES

PEDAL-OPERATED HYDROSTATIC TRANSMISSION

With no gears to operate, your hands remain comfortably on the steering wheel. Top-of-the range models offer cruise control and 4WD as additions.

CUTTING WIDTH UP TO 122CM

Our wide and reinforced cutting decks are designed to prevent blockages even with wet grass. Featuring timed blades and anti-scalp wheels, they can be used in 9 different cutting positions.

NEW BONNET DESIGN

The new STIGA bonnet has been redesigned to maximize the output and lifetime of the Twin Cylinder engines by optimizing the air intake. Now equipped with LED headlights for a manicured finish.

WORK IN COMFORT

Fully adjustable Stiga Comfort Plus Seat with high back support and armrests. The ergonomic steering wheel made of soft material offers optimal grip while the ABS panel absorbs vibrations at foot level.

INTUITIVE DASHBOARD

Check all parameters on the multifunctional or widescreen 6 LEDs display and engage the blade by pushing the button close to the steering wheel.

Lawn tractors patents

TECHNICAL PATENTS



PATENT EP1321021 (01150/IT) MULCHING KIT

Patent filed in 2001. It refers to a mulching plug that can be easily inserted into the grass collection tunnel by the user. The insertion of the plug allows the mulching cut instead of the grass collection.

All Estate models from Estate Pro 9122 XWSY to Estate 2084 and on Combi models.

PATENT EP3033935 (14158/IT) RIDE ON FRONT PTO KIT

Patent filed in 2014, the mechanism is designed for garden tractors with front-mounted engine. It allows an easy and tool-free installation of any motorized or non-motorized accessory, making the tractor suitable for multi-purpose uses. Available accessories are the snow thrower, the rotating brush and the cutting deck.

Applicable on all Estate & Tornado lawn tractors Pro 9, 7, 6, 5 & 4 Series.



PATENT EP 1038430 (99019/IT) ADVANCE MECHANISM WITH AUTOMATIC RETURN TO NEUTRAL

Patent filed in 1999, the mechanism allows the return to neutral position of the command of the hydrostatic transmission by pressing the brake pedal.

On Combi 3072 H.

TECHNICAL PATENTS

**PATENT REF. 01122/EP/IT-TR
LAWN MOWER CUTTING BLADE**

**PATENT REF. 06171/EP/IT P
ARTICULATION FOR LAWN MOWER HANDLE**

**PATENT REF. 11110/IT
ELECTRICAL CONNECTION DEVICE FOR
BATTERY MOWER**

**PATENT REF. 12145 IT
MACHINE FOR MOWING LAWNS AND
GARDENS WITH AN ADJUSTABLE
ARTICULATED FRAME**

**PATENT REF. 13104/IT
LAWN MOWER WITH POST-COMPRESSION
BLADE**

**PATENT REF. 15014
LAWNMOWER WITH SELF-SUPPORTING
ASSEMBLY WITH RAPID ASSEMBLY**

**PATENT REF. 12058/IT
ROPE GUIDE FOR ENGINE STARTING**

**PATENT REF. 15102-IT
ELECTRIC LAWMOWER WITH SECURITY
SYSTEM**

**PATENT REF. 16082/IT
LAWNMOWER WITH DETECTION AND
SIGNALING SYSTEM**

ORNAMENTAL DESIGN PATENTS

6 PATENTS





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