solo by AL-KO

# Lawn and garden technology for the perfect solo performance

# By professionals for professionals

**solo** by AL-KO merges innovative AL-KO lawn care equipment with the proven garden and forestry technology of SOLO into a new, high-quality product line for private and professional users. With the goal of always finding the optimum, striving to inspire with new products and always fulfilling the wishes of our customers.

solo
by AL-KO

# Quality for Life

Engineered in GERMANY

Made in AUSTRIA

solo by AL-KO offers garden care products engineered in Germany and made in Austria. Every device that we design and develop in Kötz in the Bavarian-Swabian region, is manufactured in our new production facilities in Austria with the highest precision and using the latest technology. Professional level for professionals.

# Innovation is our tradition

We have been manufacturing garden tools for fifty years. All of these tools combine the highest quality, the latest technology and the spirit of innovation. The foundation for our success story started in 1966 with the production of the first petrol lawnmowers in our Austrian factory in Obdach – to date, over seven million units have rolled off the assembly line there. Celebrate with us and benefit from 50 years of experience and expertise.

Dr Wolfgang Hergeth
Managing Director

# The person is the focus

solo by AL-KO focuses on the person, around whom everything revolves. That's why all products bear a round signet that represents the user in his work environment, thus highlighting the interaction between man and machine. This is also the origin of the SOLO brand name, which refers to the fact that an individual person was able to work a vineyard alone for the first time, thanks to innovative spray technology.

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# Lawn and garden technology for the perfect solo performance


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105.5 HDE-V2
solo

# Lawn care technology for the perfect *solo* performance!

Sit back and
relax while the
Robolinho® mows
the lawn for you!

solo
by AL-KO

# Fully automatic lawn care at the push of a button

**Easy variable cutting height adjustment with indicator**

**Integrated sensor technology for maximum safety**

**Logic circuit for complex properties, narrow passages and reliable operation**

## Perfect in all details

Robolinho® robotic lawnmowers not only mow lawns up to 2000 $m^2$ completely automatically and reliably – they also offer a highly dynamic design and quiet operation. Developed by our skilled engineers from Germany and precisely manufactured in our production facilities in Austria, these devices earn points for their impressive interior components. The compact design, powerful lithium-ion battery, small turning circle and powerful drive motors are just a few of the features that ensure trouble-free operation.

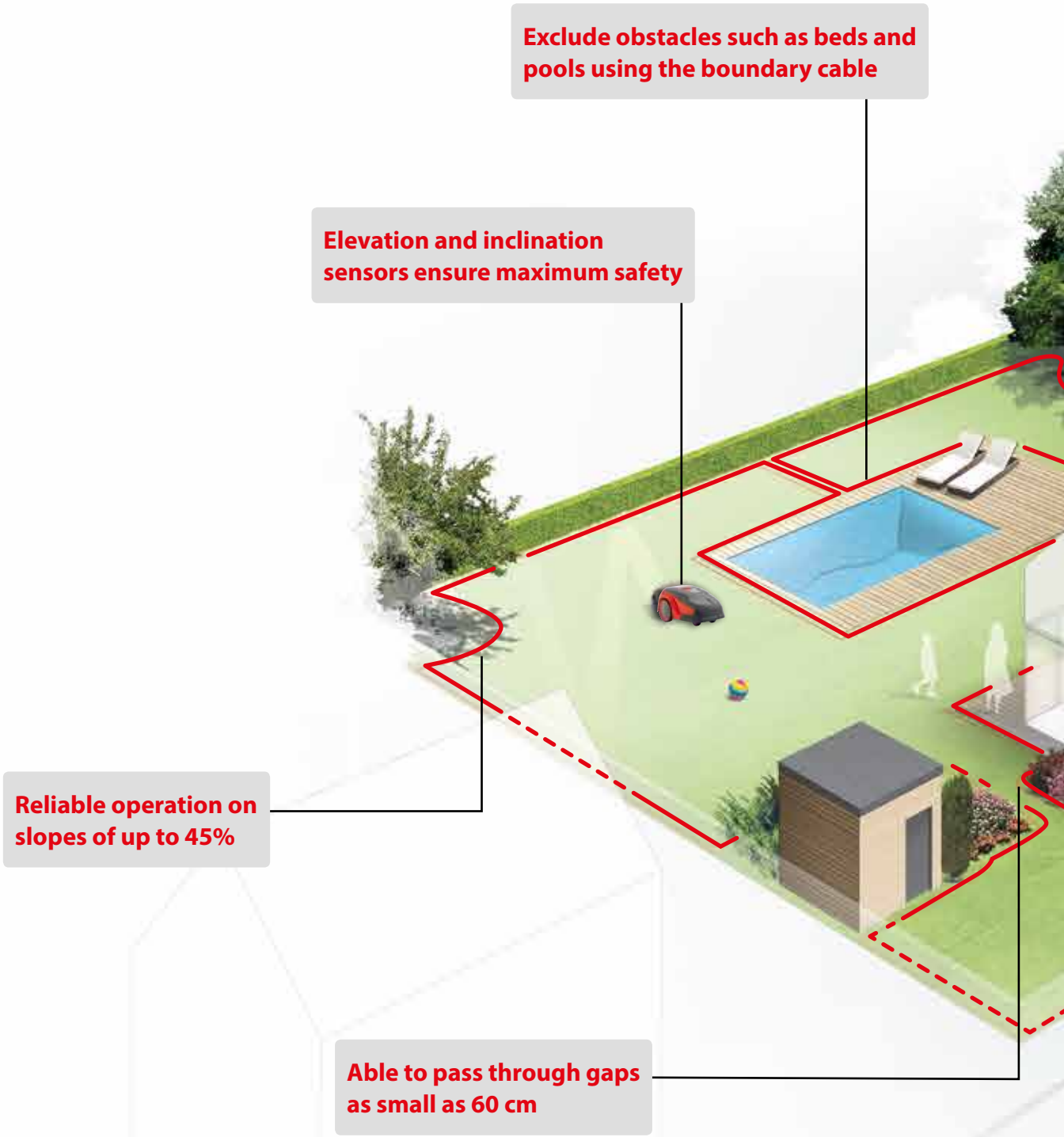
**Powerful and long-lasting lithium-ion batteries**

**Fixed or free choice of entry points for accessing difficult-to-reach areas**

**High-grip tread ensures climbing ability on inclines up to 45%**

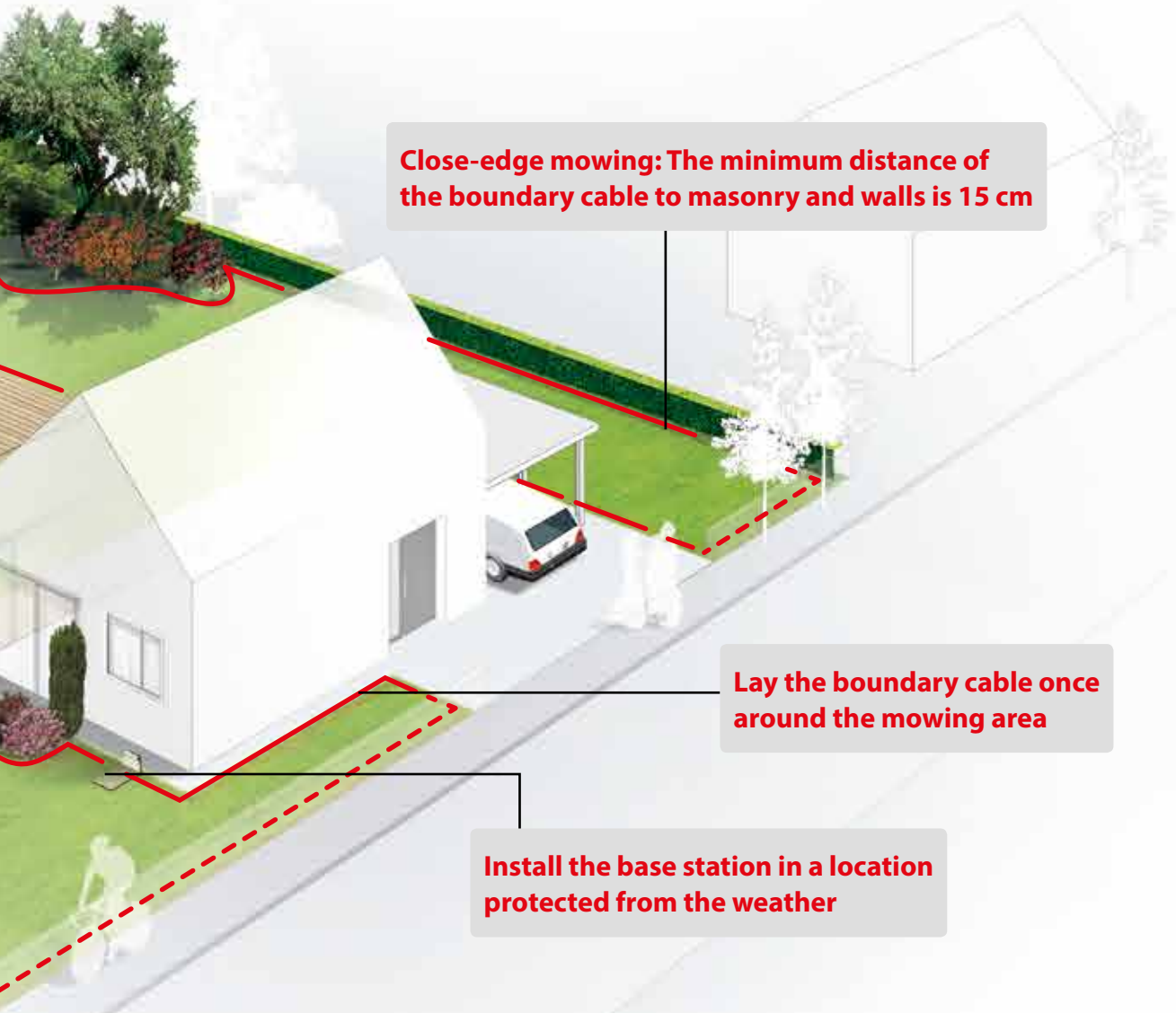
**Unique 2-blade cutting technology for perfect lawns**

# Easy to install, you'll be up and running in no time



## Your path to fully automatic lawn care

The Robolinho® robotic lawnmowers are ready for use in just few steps: Set up and anchor the base station, lay the supplied boundary cable around the mowing area, secure it with ground pegs, program the operating times, and that's it. It's even easier when you leave on-site installation to your Robolinho® dealer. They will be happy to provide you with any help you need.



# The right fit for every size

## NEW Robolinho® 700 E

## For areas of up to 700 m²

Small, compact and agile. The Robolinho® 700 E, with its heavily contoured wheels, can manage slopes of up to 45%. The good ground clearance also allows it to work on higher, thick grass. The double-bladed mower deck with its reversible blades increases service life 4-fold with left-hand and right-hand rotation.

Art. 127 446

## Robolinho® 3100

## For areas of up to 1200 m²

The Robolinho® 3100 mows lawn areas up to 1200 m² safely and fully automatically. Along with the 2-blade cutting technology, it also comes standard with a rain sensor and the option of selecting various entry points. Thus even difficult-to-access areas of the garden are mowed reliably. The robotic lawnmower can also be operated with a second base station on a separate lawn.

Art. 127 405

## Robolinho® 4100

## For areas of up to 2000 m²

The biggest member of the Robolinho® family handles lawns up to 2000 m² and ensures especially efficient and environmentally friendly operation. It is operated via a clear LCD display and the cutting height adjustment is set electronically via the push of a button. Powerful drive, good traction of the drive wheels and high ground clearance ensure fully automatic, daily operation.

Art. 127 406

Additional technical information can be found on page 64 or at www.solobyalko.com.

Please note: Depending on availability, pure SOLO or AL-KO products may be delivered. These are identical in construction and only differ in look from the products shown.

| | Robolinho® 700 E | Robolinho® 3100 | Robolinho® 4100 |
|---|---|---|---|
| **Workspace*** | max. 700 m² | max. 1200 m² | max. 2000 m² |
| **Climbing ability** | 45% | 35% | 35% |
| **Cutting width** | 22 cm | 30 cm | 32 cm |
| **Mowing time/ charging time (up to)** | 60/60 min | 120/120 min | 180/170 min |
| **Dimensions (LxWxH)** | 600x400x290 mm | 600x490x245 mm | 625x540x295 mm |
| **Cutting height adjustment** | 25-55 mm, manual | 30-60 mm, manual | 30-60 mm, electric |
| **Li-ion battery** | 2.25 Ah/20 V | 2.9 Ah/25.2 V | 4.4 Ah/25.2 V |
| **Volume when mowing** | Max. 60 dB (A) | Max. 65 dB (A) | Max. 65 dB (A) |
| **2-blade cutting technology** | • | • | • |
| **Rain sensor** | • | • | • |
| **Free choice of entry points** | 3 | 9 | 9 |
| **Installation of 2nd base station** | – | • | • |
| **Weight** | 7.6 kg | 8.0 kg | 12.0 kg |
| **Warranty** | 2 year | 2 year | 2 year |
| **Art. no.** | 127 446 | 127 405 | 127 406 |
| **EAN no.** | 400 371 805 8185 | 400 371 805 7164 | 400 371 805 7171 |

* The maximum operating area may be reduced by the layout of the garden as well as the number and size of the obstacles.

# Product advantages

**Sleek base station**

**Integrated home button**

**Operating state display**
LED indicators on base station

**Simple installation**

**Reliable docking**

**Convenient winter storage**
Easily removable base station

**Convenient height adjustment**
Variable via rotary knob with cutting height indicator

**Intuitive operation**
With a large keypad

**Rain sensor integrated in the keypad**

**Easily removable battery**

**Generous ground clearance**
Well suited for overcoming terrain

**Four-fold blade service life**
Reversible blade with left-hand and right-hand rotation

**Efficient cutting width 22 cm**
For optimum area coverage

**New blade system**
For particularly fine lawn trimming

**Drive wheels with optimised traction**
Climbing ability of up to 45%

**Soft bumper**
Deck protection at front area

## Lawnmower garage (without base station)

The transparent roof provides all Robolinho® robotic lawnmowers with optimum protection against the weather during charging and idle times, without hindering its functions. What is more, the practical folding mechanism ensures easy access to the operating panel at all times.

**Folding lawnmower garage**
Suitable for all Robolinho® robotic lawnmowers
Art. no. 113 350
EAN no. 400 371 805 5672

## Accessories

**Loop wire (150 m)**
Art. no. 119 462
EAN no. 400 371 835 1484

**Base station with base plate**
Art. no. 119 627
EAN no. 400 371 835 1897

**Reinforced loop wire on roller (300 m)**
Art. no. 127 335
EAN no. 400 371 805 5924

**Ground nails (90 pcs.)**
Art. no. 119 461
EAN no. 400 371 835 1477

**Cable repair kit**
Art. no. 127 327
EAN no. 400 371 805 5139

**Blade disc incl. blade**

| | | |
|---|---|---|
| for Robolinho® 1000/1100: | Art. no. 127 401 | EAN no. 400 371 805 7126 |
| for Robolinho® 3000/3100: | Art. no. 127 402 | EAN no. 400 371 805 7133 |
| for Robolinho® 4000/4100: | Art. no. 127 403 | EAN no. 400 371 805 7140 |
| for Robolinho® 700 I/ 700 E: | Art. no. 127 467 | EAN no. 400 371 805 8598 |

**Replacement blade (3 x 2 pcs) Robolinho® 1100/3100/4100**
Art. no. 127 400
EAN no. 400 371 805 7119

**Replacement blade (3 x 2 pcs) Robolinho® 700 E**
Art. no. 127 465
EAN no. 400 371 805 8574

Additional technical information can be found on page 64 or at www.solobyalko.com.

# Small is beautiful – and agile too

Mulching function and optional deflector

Comfortable, adjustable seat

Large collection box with telescopic lever

Soft touch steering wheel

Simple instrument panel

Tow hitch can be fitted as an optional extra

External refuelling

Easy-to-use operating elements

Hydrostatic drive with two pedals

Low overall width of only 78 cm

Upstanding function for upright storage and cleaning

Powerful PowerBuilt tractor engine

R 13-72.5 HD

## R 7-62.5

Thanks to its small overall width of only 78 cm, the Mini-Rider is the ideal vehicle for narrow garden entrances. Extremely manoeuvrable and compact, the dynamic ride-on mower handles winding plots of land or obstacles with ease. The blade, with a 62 cm cutting width, ensures neat mowing results. The 4.6 kW Briggs & Stratton engine ensures progress is rapid.

Art. no. 127 306

## R 13-72.5 HD

Equipped with mulching function and a Briggs & Stratton PowerBuilt engine as standard, the Rider with a 72 cm cutting width wins you over, right from the outset. Ideally suited to winding plots of land thanks to its low overall width of just 78 cm, this machine also scores points for its two adjacent pedals, for simple forward and reverse movement. A large 180L collector with telescopic lever makes collection and emptying easy. Once the work is finished, the Rider can be easily stored upright and cleaned, thanks to its upstanding function.

Art. no. 127 311

Deflector: Art. no. 127 377, EAN no. 400 371 805 5962
Tow-bar: Art. no. 127 378, EAN no. 400 371 805 5979

| | R 7-62.5 | R 13 -72.5 HD |
|---|---|---|
| **Engine** | Briggs & Stratton 950E (1 cylinder) | Briggs & Stratton PB 3130 AVS (1 cylinder) |
| **ccm / kW / rpm** | 223 / 4.6 / 2,900 | 344 / 6.8 / 2,900 |
| **Cutting width / mowing circle radius** | 62 / 93 cm | 72 / 62 cm |
| **Cutting height adjustment** | Central, 4-stage | Central, 7-stage |
| **Cutting height** | 3-8 cm | 3-8 cm |
| **Gears (forwards/reverse)** | 4F / 1R | Foot hydrostatic |
| **Mower deck / blades** | Pressed steel / 1 blade | Pressed steel / 1 blade |
| **Mulching** | – | • |
| **Speed (forwards/reverse)** | 0–5 / 0–1.5 km/h | 0–8.6 / 0–3.2 km/h |
| **Tyre size Ø (inches front/rear)** | 11x4.0–5 / 13x5.0–6 | 11x4.0–4 / 15x6.0–6 |
| **Weight** | 120 kg | 192 kg |
| **Warranty** | 5 year | 5 year |
| **Art. no.** | 127 306 | 127 311 |
| **EAN no.** | 400 371 805 4637 | 400 371 805 4644 |

Additional technical information can be found on page 64 or at www.solobyalko.com.

# Discover the bright side of mowing

Comfortable, adjustable seat

Anti-slip steering wheel

Hydrostatic drive with foot pedal

Powerful engines with OHV technology

Wide tyres for optimal traction

Convert to mulching function without needing any tools

Tow bar can be fitted as an optional extra

Precise edge mowing

Side discharge with optimal deposit of cuttings

# T 18-110.6 HDS

Powerful 10.0 kW under the bonnet (Briggs & Stratton Intek Series 4175), remarkable 110 cm cutting width, foot hydrostatic and the carefully thought-out ergonomics and function make this lawn tractor the perfect partner when it comes to side discharge. The mulch plate, practically mounted on the mower deck, allows quick and easy conversion to the mulching function without needing any tools.

Art. no. 127 324

| | T 18-110.6 HDS |
|---|---|
| **Engine** | Briggs & Stratton Intek Series 4175 |
| **ccm / kW / rpm** | 500 / 10.0 / 2,900 |
| **Number of cylinders** | 1 |
| **Cutting width / mowing circle radius** | 110 / 80 cm |
| **Cutting height adjustment** | Central, 6-stage |
| **Cutting height** | 3-9 cm |
| **Gears (forward / reverse)** | Foot hydrostatic |
| **Mower deck / blades** | Pressed steel / 2 blade |
| **Speed (forward / reverse)** | 0–9 / 0–4 km/h |
| **Tyre size Ø (inches front / rear)** | 15x6.0–6 / 18x8.5–8 |
| **Weight** | 204 kg |
| **Warranty** | 5 year |
| **Art. no.** | 127 324 |
| **EAN no.** | 400 371 805 5108 |

Additional technical information can be found on page 64 or at www.solobyalko.com.

# Brilliantly sleek lawn tractors

## Comfort

* T16-103.7 HD V2

## Functional and ergonomic

With the AL-KO Comfort tractor, we have made tried-and-tested solutions that little bit better. The AL-KO Comfort tractors are distinguished by their outstanding degree of mowing performance and functionality for the user. The AL-KO Comfort lawn tractor is an appliance based on modern manufacturing technology, with excellent mowing performance and an attractive price-quality ratio.

**Anti-slip steering wheel**

**Powerful Briggs & Stratton and AL-KO engines**

**Optional bumper attachment (included on T 16-103.7)**

**Hydrostatic drive with foot pedal**

**Mower deck quick-change system**

solo
by AL-KO

# An all-rounder – the introduction to the rear collect tractor class

## T 15-93.7 HD-A

Comfort

## Extra power when mowing

Plenty of performance on a budget – that's the motto of this compact entry-level tractor which, besides its attractive price-to-performance ratio, wins you over with a 93 cm wide cutting deck, comfortable foot hydrostatic, large fabric collection box and a powerful AL-KO Pro engine with 7.7 kW and OHV technology.

Art. 127 417

## T 16-93.7 HD V2

Comfort

## A powerhouse for every kind of terrain

With a cutting width of 93 cm and a powerful 2-cylinder 9.6 kW Briggs & Stratton engine, this lawn tractor is a true powerhouse. A compact lawn tractor for any terrain. An extensive range of accessories and the easy-to-remove mowing deck make it a multi-talent in summer as well as in winter for snowploughing.

Art. 127 443

## T 16-103.7 HD V2

Comfort

## Workhorse with 2 cylinders

With its 103 cm wide mowing deck and the low-vibration, 9.1 kW 2-cylinder Briggs & Stratton engine, this lawn tractor is superbly equipped to deal with any terrain. In addition, the new, torsion-resistant frame guarantees a long service life, while the easily accessible controls and 300-litre grass catcher with gas spring assist ensure simple and easy operation.

Art. 127 444

Additional technical information can be found on page 64 or at www.solobyalko.com.

# The elite among lawn tractors

**Premium**

Adjustable setting of the comfortable driver's seat

Catcher emptying with a telescopic lever or at the push of a button**

Large volume grass catcher with audible fill level signal

Easy-to-use operating elements

Low foot rests and plenty of legroom

Wide tyres for optimal traction

Ball-bearing-mounted, low-vibration mower deck

T 20-105.6 HD V2

## Powerful and comfortable

The solo by AL-KO lawn tractor turns a functional garden tool into an emotional driving experience. You will feel the comfort as soon as you sit behind the wheel, you can rely on its safety as soon as you turn the key and experience driving pleasure when you take it for a spin around your garden. With proven and powerful Briggs & Stratton engines under the bonnet and cutting widths up to 125 centimetres, you can get the right machine for any requirement and application.

**Cruise control function***

**External tank filler**

**Powerful Briggs & Stratton engines**

**Forward and reverse pedals arranged next to each other**

**Versatile range of accessories**

* only on T20-105.6 HDE V2 & T23-125.6 HD V2
** electric catcher emptying optionally available, fitted as standard on T20-105.6 HDE V2

# Perfection in technology, comfort and performance

## T 16-95.5 HD V2 Premium

With two cylinders under the bonnet, the 9.6 kW power pack is optimal for ground with slopes and undulations. Work is made so much easier with adjacent pedals - and even more so when equipped with electric grass catcher emptying, available as an upgrade.

Art. no. 127 135

## T 16-105.6 HD V2

Premium

This solid work model with a 105 cm mower deck, is equipped with a powerful 9.1 kW, 2-cylinder engine from Briggs & Stratton and easily takes care of large and hilly areas. When low on fuel, you can refill the eight-litre tank quickly and easily via the external tank flap.

Art. no. 127 370

## T 20-105.6 HDE V2

Premium

The 23" tyres and low centre of gravity doesn't just give this 11.3 kW lawn tractor, with bumper and cast iron axle as standard, the air of a race car, they also better compensate for uneven terrain and offer additional advantages in terms of traction. The bumper offers protection against impacts and the built in cruise control ensures even progress and mowing. The electronic grass catcher allows emptying at the push of a button.

Art. no. 127 376

The Daily Telegraph
Testers Choice

## T 23-125.6 HD V2

Premium

This top model from the tractor series, with its extra-wide, synchronised, 125 cm mowing deck and extra-strong 14.4 kW, 2-cylinder engine, is ideal for handling large areas quickly. The robust and torsion-resistant C-profile frame and strong cast iron axle also ensure a long service life. The bumper, and cruise control complete the equipment on this top of the range model.

Art. no. 127 384

Electric catcher emptying Art. no. 119 602 as an upgrade for all models.

# Lawn tractors from small to large

Comfort

Premium

| | T 15-93.7 HDA | T 16-93.7 HD V2 | T 16-103.7 HD V2 | T 16-95.5 HD V2 |
|---|---|---|---|---|
| **Engine** | AL-KO PRO 450 | Briggs & Stratton Intek 7160 Series | Briggs & Stratton Intek 7160 Series | Briggs & Stratton Intek 7160 Series |
| **ccm / kW / rpm** | 452 / 7.7 / 2,600 | 656 / 9.6 / 2,600 | 656 / 9.1 / 2,450 | 656 / 9.6 / 2,600 |
| **Cutting width** | 93 cm (2 blades) | 93 cm (2 blades) | 103 cm (2 blades) | 95 cm (2 blades) |
| **Blade brake clutch** | Electro-magnetic | Electro-magnetic | Electro-magnetic | Electro-magnetic |
| **Number of cylinders** | 1 cylinder | 2 cylinders | 2 cylinders | 2 cylinders |
| **Transmission** | Foot hydrostatic | Foot hydrostatic | Foot hydrostatic | Foot hydrostatic |
| **Tyre size (front/rear) inches** | 15x6.0-6 18x6.5-8 | 15x6.0-6 18x6.5-8 | 15x6.0-6 18x8.5-8 | 15x6.0-6 20x10.0-8 |
| **Grass catcher** | 220 L | 220 L | 300 L | 310 L |
| **Grass catcher emptying** | Telescopic lever | Telescopic lever | Telescopic lever c/w gas strut assist | Telescopic lever Optional electric catcher emptying |
| **Mulching** | Optional | Optional | Optional | • |
| **Bumper** | Optional | Optional | • | Optional |
| **Headlights** | – | – | – | • |
| **Cast axle** | – | – | – | • |
| **Cruise control** | – | – | – | – |
| **Height of cut** | 2-8 cm / 7 stage | 2-8 cm / 7 stage | 2-8 cm / 7 stage | 3-9 cm / 7 stage |
| **Width/length dimensions** | 100 / 261 cm | 100 / 261 cm | 100 / 261 cm | 100 / 251 cm |
| **Weight** | 199 kg | 199 kg | 205 kg | 254 kg |
| **Warranty** | 5 year | 5 year | 5 year | 5 year |
| **Art. no.** | 127417 | 127443 | 127444 | 127135 |
| **EAN no.** | 400 371 805 7195 | 400 371 805 7195 | 400 371 805 7201 | 400 371 805 5795 |

| T 16-105.6 HD V2 | T 20-105.6 HD V2 | T 23-125.6 HD V2 |
|---|---|---|
| Briggs & Stratton<br>Intek 7160 Series | Briggs & Stratton<br>Intek 7200 Series | Briggs & Stratton<br>Intek 8240 Series |
| 656 / 9.1 / 2,450 | 656 / 11.3 / 2,450 | 724 / 14.4 / 2,900 |
| 105 cm<br>(2 blades) | 105 cm<br>(2 blades) | 125 cm<br>(2 blades, synchronised) |
| Electro-magnetic | Electro-magnetic | Electro-magnetic |
| 2 cylinders | 2 cylinders | 2 cylinders |
| Foot hydrostatic | Foot hydrostatic | Foot hydrostatic |
| 16x6.5-8<br>20x10.0-8 | 16x6.5-8<br>23x10.5-12 | 16x6.5-8<br>23x10.5-12 |
| 310 L | 310 L | 310 L |
| Telescopic lever<br>Optional electric catcher emptying | Electric Catcher Emptying<br>Additional telescopic lever | Telescopic lever<br>Optional electric catcher emptying |
| • | • | • |
| Optional | • | Optional |
| • | • | • |
| – | • | • |
| – | • | • |
| 3-9 cm / 7 stage | 2-8 cm / 7 stage | 3-9 cm / 7 stage |
| 110 / 251 cm | 110 / 256 cm | 130 / 256 cm |
| 256 kg | 287 kg | 308 kg |
| 5 year | 5 year | 5 year |
| 127370 | 127376 | 127384 |
| 400 371 805 5801 | 400 371 805 5818 | 400 371 805 5719 |

Additional technical information can be found on page 64 or at www.solobyalko.com.

# Equipment that sets new benchmarks

# Accessories

| | Comfort Series | T16-95.5 HD V2 | T16-105.6 HD V2 | T20-105.6 HD V2 | T23-125.6 HD V2 | T18-110.6 HDS |
|---|---|---|---|---|---|---|
| **Bumper**<br>Art. no. 119 658, EAN no. 4003718353464 | • | • | • | • | • | – |
| **Electric catcher emptying**<br>Art. no. 119 602, EAN no. 4003718352948 | – | • | • | • | • | – |
| **Mulching kit for 93/95 cm**<br>Art. no. 118 885, EAN no. 4003718345643 | • | • | – | – | – | – |
| **Mulching kit for 103/105 cm**<br>Art. no. 119 656, EAN no. 4003718353440 | • | – | • | • | – | – |
| **Mulching kit for 125 cm**<br>Art. no. 119 605, EAN no. 4003718352979 | – | – | – | – | • | – |
| **Deflector**<br>Art. no. 119 606, EAN no. 4003718352986 | - | • | • | • | • | – |
| **Deflector**<br>Art. no. 119 831, EAN no. 4003718355109 | • | – | – | – | – | • |
| **Tow-bar**<br>Art. no. 119 608, EAN no. 4003718353006 | – | • | • | • | • | – |
| **Tow-bar**<br>Art. no. 119 831, EAN no. 4003718355109 | • | – | – | – | – | • |
| **Trailer**<br>Art. no. TUAT04 | • | • | • | • | • | • |
| **Garden roller**<br>Art. no. 130 539, EAN no. 5769720330617 | • | • | • | • | • | • |
| **Charger**<br>Art. no. 119 135, EAN no. 4003718347968 | • | • | • | • | • | • |

Please note: Depending on availability, pure SOLO or AL-KO products may be delivered.
These are identical in construction and only differ in look from the products shown.

# Leave nothing to be desired

**Easily accessible tank with fill level indicator**

**Ergonomic seat**

**Powerful Intek engine from Briggs & Stratton**

**Easy-to-use operating elements**

**Low and barrier-free access**

**Front-wheel or all-wheel drive**

**Compact and manoeuvrable**

**Wide tyres for optimal traction**

FC 13-90.6 HD 4WD with FMD 90.6

# Front mower for all eventualities

Mowing lawns, clearing snow or sweeping the street: All are possible with the solo by AL-KO Tool Carrier and its accessories. The device is immediately captivating thanks to its extremely user-friendly manoeuvrability, its compact and robust design and how quickly the attachments can be swapped.
The all-wheel drive (FC13-90.6 HD 4WD) ensures perfect traction and climbing ability. Alternatively, a two-wheel drive model is available (FC13-90.6 HD 2WD).

# Front mower with autumn and winter abilities

## **FC13-90.6 HD 2WD** Including FMD 90.6 Deck

Combined with the 90 cm wide front mowing mechanism (two blades), the Tool Carrier is ideal for mulching large areas. The mowing mechanism can easily be folded up for cleaning, maintenance and storage. The wedge insert in the mowing deck can be removed quickly and easily and allows you to mow high grass, as the cuttings are dropped behind.

Art. no. 127 381

## **FC13-90.6 HD 4WD** Including FMD 90.6 Deck

The solid construction, the dual-axle drive, the large fuel tank capacity and the convenient adjustment of the front mowing mechanism, sweeper and snow plough from the driver's seat, make the all-wheel drive model the perfect machine that can be used all year round. The optimal seating position and ergonomics, with plenty of legroom and easy access, leave nothing to be desired in terms of comfort.

Art. no. 127 382

## Powerful drive thanks to the Intek engine

In order to emphasise the solid construction and performance of both Tool Carriers, solo by AL-KO only use the high quality, air-cooled Intek engine from the US manufacturer Briggs & Stratton. The reason: This range is one of the best power units available in the lawn tractor sector, thanks to cast-iron cylinder liners, pressure lubrication with oil filter, anti-vibration system and modern OHV technology with overhead valves. It is also extremely durable and reliable in daily and demanding use.

| | FC13-90.6 HD 2WD | FC13-90.6 HD 4WD |
|---|---|---|
| **Engine** | Briggs & Stratton<br>Intek 3130 (1 cylinder) | Briggs & Stratton<br>Intek 3130 (1 cylinder) |
| **ccm / kW / rpm** | 344 / 7.4 / 3,200 | 344 / 7.4 / 3,200 |
| **Cutting width / height (with FMD 90.5)** | 90 cm (2 blades) / 3-9 cm (4 stages) | 90 cm (2 blades) / 3-9 cm (4 stages) |
| **Steering** | Rear | Rear |
| **Transmission / Drive** | Foot Hydrostatic / Front axle | Foot Hydrostatic / All-wheel (2 driving axles) |
| **Generator / Battery** | 9 Amp / 12 V/17 Ah | 9 Amp / 12 V/17 Ah |
| **Tank volume** | 8.5 L | 8.5 L |
| **Mowing circle (with FMD 90.5)** | 95 cm | 95 cm |
| **Blade brake clutch** | Mechanical | Mechanical |
| **Tyre size (inches)** | 15 x 6.00-6 | 15 x 6.00-6 |
| **Dimensions with mower mechanism (LxWxH cm)** | 211 x 97 x 110 | 220 x 97 x 110 |
| **Weight** | 210 kg | 228 kg |
| **Warranty** | 5 year | 5 year |
| **Art. no.** | 127 381 | 127 382 |
| **EAN no.** | 400 371 805 4651 | 400 371 805 4668 |

## Accessories

**Front mowing mechanism FMD 90.6**
Art. no. 127 383
EAN no. 400 371 805 4675

**Snow plough FSP 100.5**
Art. no. 127 310
EAN no. 400 371 805 4699

**Front sweeper FSD 100.5**
Art. no. 127 315
EAN no. 400 371 805 4682

**Snow chains**
Art. no. 112 985
EAN no. 400 371 804 5470

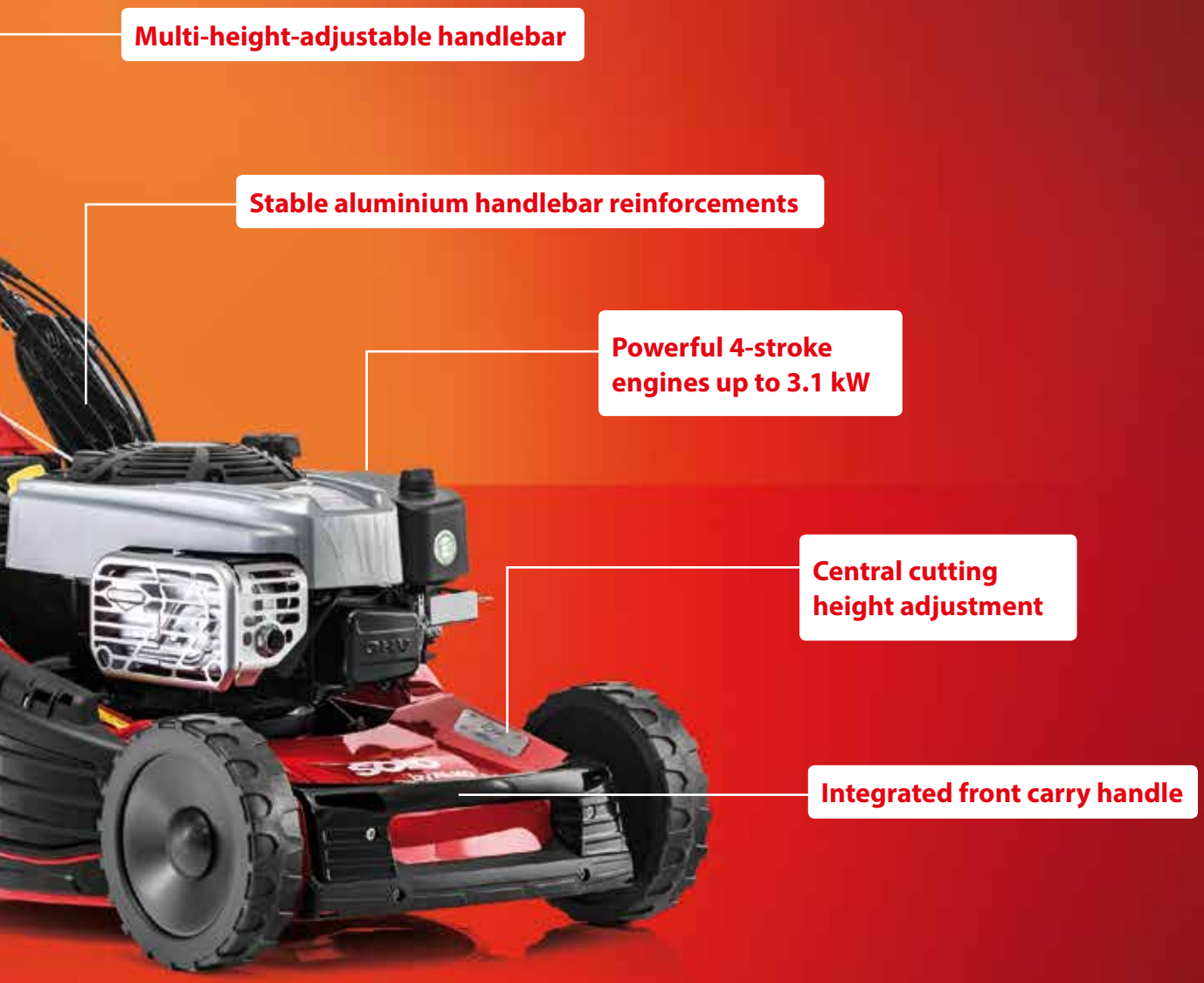
Additional technical information can be found on page 64 or at www.solobyalko.com.

Please note: Depending on availability, pure SOLO or AL-KO products may be delivered.
These are identical in construction and only differ in look from the products shown.

# Robust aluminium work horse with a complete set of features

## By professionals for professionals

The cast aluminium deck of our petrol lawnmowers combines not only the highest stability with durability and optimal aerodynamics, it is also torsion-resistant, rust-proof, acoustically insulating as well as extremely resistant to impacts and undulations. With cutting widths from 48 to 53 centimetres, comfortable controls and full of features, they satisfy all the requirements of the demanding user.



# Perfection in its most beautiful form

## 4855 SP Alu

This compact aluminium lawnmower with a 48 cm working width and 2.5 kW Briggs & Stratton engine, offers many benefits for the professional series: Wheel drive, multi-height-adjustable handlebar with an aluminium deck connection, extra-large fabric grass catcher, central cutting height adjustment, ball-bearing XXL tyres, integrated front carry handle and double-sided deck protection.

Art. no. 127 125

## 5375 VS Alu

This robust, all-rounder mower, with a full set of features, offers excellent mowing and collection with its 52 cm cutting width and 3.1 kW of power, which is supported by an extra-high and aerodynamic cast aluminium deck. The stable steel rims, with a high-grip tread, offer the best traction on any type of terrain and ground, while the variable-speed wheel drive offers maximum comfort.

Art. no. 127 126

## 5375 VSC Alu

Like the 5375 VS Alu, this aluminium mower is perfect for all applications with its 52 cm cutting width and powerful Briggs & Stratton engine.
A separate blade brake clutch is also integrated as an extra on this machine, which makes it possible to empty the fabric grass catcher with the engine running. This makes mowing work even faster and more effective.

Art. no. 127 127

reddot design award
honourable mention 2011

Additional technical information can be found on page 64 or at www.solobyalko.com.

Please note: Depending on availability, pure SOLO or AL-KO products may be delivered. These are identical in construction and only differ in look from the products shown.

# The extremely robust lawnmowers

| | 4855 SP Alu | 5375 VS Alu | 5375 VSC Alu |
|---|---|---|---|
| **Cutting width** | 48 cm | 52 cm | 52 cm |
| **Mulching / Side discharge** | • / • | • / • | • / • |
| **Cutting height/ cutting height adjustment** | 30-85 mm / central, 6-stage | 30-85 mm / central, 6-stage | 30-85 mm / central, 6-stage |
| **Engine ccm / kW / rpm** | B&S Series 675 EX 190 / 2.5 / 2,800 | B&S Series 850 E 190 / 3.1 / 2,800 | B&S Series 850 E 190 / 3.1 / 2,800 |
| **Wheel drive** | 1-speed | Variable | Variable |
| **Mower deck** | Aluminium | Aluminium | Aluminium |
| **Grass catcher capacity** | 75 L | 75 L | 75 L |
| **Cockpit controls** | • | • | • |
| **Handlebar height adjustment** | • | • | • |
| **Blade brake clutch** | – | – | • |
| **Wheels Ø (front/rear)** | 200 / 280 mm | 200 / 280 mm (Steel plate) | 200 / 280 mm (Steel plate) |
| **Weight (gross/net)** | 52.9 / 47.6 kg | 57 / 51.7 kg | 61.3 / 56 kg |
| **Warranty** | 5 year | 5 year | 5 year |
| **Art. no.** | 127 125 | 127 126 | 127 127 |
| **EAN no.** | 400 371 805 1285 | 400 371 805 1292 | 400 371 805 1308 |
| **Replacement blade Art. no.** | 470 658 | 470 834 | 470 834 |

Along with mowing and collecting, professional petrol lawnmowers from solo by AL-KO also offer three additional functions, thanks to the mulching insert (left), deflector (middle) and side discharge (right) – ideal for use in meadows and orchards.

The integrated upstanding function (right) allows you to store your professional petrol lawnmower upright, facilitating cleaning and blade changes. (Remove oil/petrol before upstanding)

## Accessories

**Lawnmower cover**
Wind and water-tight
Art. no. 127 297
EAN no. 400 371 805 3814

**Engine service kit**
for easy oil change
Art. no. 106 118
EAN no. 400 371 800 5172

Additional technical information can be found on page 64 or at www.solobyalko.com.

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# Multi-talented for pure mowing pleasure

Rubberised handle area

Easy-to-use operating controls

Integrated fill level display

Grass catcher made from fabric

Stable aluminium handlebar reinforcements

Central cutting height adjustment

Robust premium steel deck

Mulching function and side discharge

XL/XXL easy-running wheels made from plastic or steel plate

## Mowing without the struggle

The classic solo by AL-KO lawnmowers with cutting widths from 46 to 51 centimetres, impress with their robust deck made from premium steel and wide range of powerful engines. The range also includes model specific comfort features. For example, there are various cockpit and grass catcher variants available, as well as various wheel-drive versions. This also includes models with and without side discharge as well as a mulching mower.

# Compact and powerful petrol lawnmowers

## 4755 VS

Ultimate comfort, with variable-speed wheel drive, multi-height-adjustable handlebar and integrated front carry handle are just the beginning. This petrol lawnmower also comes with a powerful 2.7 kW Briggs & Stratton engine, the exclusive cockpit with a rubberised handle area, aluminium handlebar connection and easy-to-use controls. The total package is rounded off with the extra-large fabric grass catcher with fill level indicator.

Art. no. 127 122

## 5275 VS

Ball-bearing XXL wheels made from steel plate with a high-grip tread, aluminium reinforcement, the powerful 3.1 kW Briggs & Stratton I/C engine and the variable-speed wheel drive, make this petrol lawn mower with a 51 cm cutting width, the go-to tool for any terrain. Thanks to the multi-height adjustment feature, the ergonomic handlebar and exclusive cockpit can be optimised for the respective user and the integrated front carry handle makes lifting and transport easier.

Art. no. 127 124

## 4605 SP Bio

This mower ensures a healthy lawn. The secret: During mulch-mowing, the cut blades of grass are thrown upwards within the mower deck, finely shredded by the special blade and blown back into the turf as a natural fertiliser – this returns natural nutrients to the lawn and protects it against drying out. If required, the mower can also be converted for side discharge, tool-free.

Art. no. 127 128

Additional technical information can be found on page 64 or at www.solobyalko.com.

# Petrol lawnmowers with a steel plate deck

| | 4755 VS | 4605 SP Bio | 5275 VS |
|---|---|---|---|
| **Cutting width** | 46 cm | 46 cm | 51 cm |
| **Mulching / Side discharge** | • / • | • / • | • / • |
| **Cutting height/ cutting height adjustment** | 30-80 mm / central | 30-85 mm / wheel axle | 30-80 mm / central |
| **Engine ccm / kW / rpm** | B&S Series 750 EX 161 / 2.7 / 2,800 | B&S Series 625 E 190 / 2.4 / 2,800 | B&S Series 850 E/IC 190 / 3.1 / 2,800 |
| **Wheel drive** | Variable | 1-speed (front wheel) | Variable |
| **Mower deck** | Pressed steel | Pressed steel | Pressed steel |
| **Grass catcher capacity** | 70 L | – | 70 L |
| **Cockpit controls** | • | • | • |
| **Handlebar height adjustment** | • | • | • |
| **Electric start** | – | – | – |
| **Wheels Ø (front/rear)** | 200 / 280 mm | 220 / 205 mm | 200 / 280 mm Steel Plate |
| **Weight (gross/net)** | 46.1 / 41.4 kg | 37.8 / 33.4 kg | 47.9 / 43.2 kg |
| **Warranty** | 5 year | 5 year | 5 year |
| **Art. no.** | 127 122 | 127 128 | 127 124 |
| **EAN no.** | 400 371 805 1254 | 400 371 805 1315 | 400 371 805 1278 |
| | | | |
| **Replacement blade Art. no.** | 440 125 | 470 389 | 440 126 |

Additional technical information can be found on page 64 or at www.solobyalko.com.

solo
by AL-KO

# Garden care products for the perfect *solo* performance

# Manoeuvrability for the natural garden

## 5001-R II

In high-grass meadows and ecological natural gardens, machines such as this scythe mower, which can cut meadow grass just as well as thick, matted weeds, are in particular demand. The moveable grass deflector and shorter distance between the wheel and the beam considerably improve grass depositing, while the enclosed drive system on the mower mechanism, with its specially-hardened ESM blade and height-adjustable outsoles, ensure a long service life.

Art. no. 127 300

| | 5001-R II |
|---|---|
| **Engine ccm / kW / rpm** | B&S Series 625E 190 / 2.4 / 2,900 |
| **Cutting width** | 102 cm |
| **Forward drive** | • |
| **Reverse drive** | • |
| **Blade drive can be disconnected** | • |
| **Tyre size (inches)** | 13 x 6.0–6 |
| **Cutting height** | Adjustable |
| **Weight** | 60 kg |
| **Warranty** | 2 year |
| **Art. no.** | 127 300 |
| **EAN no.** | 400 371 805 4163 |

## Accessories

**SRS 850 snow plough**
For model 5001-R II
Art. no. 113 267
EAN no. 400 371 805 3975

**Snow chains**
For model 5001-R II
Art. no. 112 883
EAN no. 400 371 804 3907

Additional technical information can be found on page 64 or at www.solobyalko.com.

Please note: Depending on availability, pure SOLO or AL-KO products may be delivered.
These are identical in construction and only differ in look from the products shown.

# One tool, many possibilities

The extra-powerful combi tool, with scythe and mower attachments, tiller and ridge plough, as well as sweeper, is not just the perfect partner for lawn care, tilling and cleaning – thanks to the snow plough and chains, it is also well equipped for winter use. Depending on the demands and requirement, the 2.5-kW base unit can be combined with any of the six different attachments.

**Powerful petrol engine**

**Height-adjustable and pivoting handlebar**

**1 forward and 1 reverse gear**

**Wide pneumatic tyres for optimal traction**

**V-belt drive**

**Fitted with your choice of attachments**

**Worm gear unit**

## Combi BF 5002-R

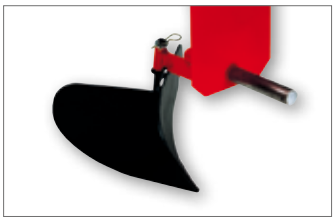
| | |
|---|---|
| **Engine ccm / kW / rpm** | B&S Series 675 190 / 2.5 / 3,200 |
| **Drive** | 1 forward gear / 1 reverse gear |
| **Speed (forward / reverse)** | 2.2 / 1.1 km/h |
| **Transmission** | Oil-bath worm gear, V-belt drive |
| **Tyre size (inches)** | 13x5.00–6 pneumatic tyres |
| **Handlebar** | Height-adjustable 180°, pivoting |
| **Weight** | 46.8 kg |
| **Warranty** | 2 year |
| **Art. no.** | 110 493 |
| **EAN no.** | 400 371 802 0021 |

## Attachments

**CB 870 scythe attachment**
Working width 870 mm
Art. no. 110 494
EAN no. 400 371 802 0038

**FSM 530 mower attachment**
Working width 530 mm
Art. no. 110 739
EAN no. 400 371 802 4630

**CF 500 tiller**
Working width 500 mm
Art. no. 110 495
EAN no. 400 371 802 0045



**Ridge plough**
Art. no. 110 742
EAN no. 400 371 802 4661

**KW 1050 sweeper**
Working width 1050 mm
Art. no. 110 605
EAN no. 400 371 802 2896

**SRS 850 snow plough**
Working width 850 mm
Art. no. 113 267
EAN no. 400 371 805 3975

**Snow chains**
Art. no. 112 183
EAN no. 400 371 803 0570

Additional technical information can be found on page 64 or at www.solobyalko.com.
Please note: Depending on availability, pure SOLO or AL-KO products may be delivered.
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# Powerful suction, leaving nothing behind

## 750 P

| | |
|---|---|
| **Engine**<br>**ccm / kW / rpm** | B&S 500 E<br>140 / 2.0 / 3,000 |
| **Working width** | 75 cm |
| **Air turbine housing** | Pressed steel |
| **Suction height adjustment** | Individual wheel, 4-stage |
| **Leaf catcher capacity** | 200 L |
| **Weight** | 36.1 kg |
| **Warranty** | 5 year |
| **Art. no.** | 127 141 |
| **EAN no.** | 400 371 805 1445 |

This powerful wheeled vacuum, with a 75 cm working width and a powerful 2.0 kW Briggs & Stratton engine, just doesn't stop – even wet or moist lawns and paths are no problem at all.
An optional, practical suction hose with nozzle accessories, to get into the smallest corners to remove leaves and dirt, is also available.

| | |
|---|---|
| **Suction hose (3 m)**<br>**Art. no. / EAN no.** | 120 154 /<br>400 371 854 1731 |

Additional technical information can be found on page 64 or at www.solobyalko.com.

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# Technical data

| Description | Art. no. | Page | Sound pressure level | Sound pressure level | Sound pressure level | Uncertainty factor | Vibration value | Uncertainty factor |
|---|---|---|---|---|---|---|---|---|
| | | | measured LpA [dB(A)] | measured LwA [dB(A)] | guaranteed LwA [dB(A)] | Sound pressure level $K_{pA}$ [dB(A)] | guaranteed ahw ($m/s^2$) | K ($m/s^2$) |
| **ROBOTIC MOWERS** | | | | | | | | |
| **Robolinho® R 700 E** | 127446 | 20 / 21 | 89 | 96 | 98 | 2 | 2/3.4 | 2 |
| **Robolinho® R 3100** | 127405 | 20 / 21 | 90 | 98 | 100 | 2 | 2/4 | 2 |
| **Robolinho® R 4100** | 127406 | 20 / 21 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **RIDE-ON MOWERS** | | | | | | | | |
| **R7-62.5** | 127306 | 25 | 89 | 96 | 98 | 2 | 2/3.4 | 2 |
| **R13-72.5 HD** | 127311 | 25 | 90 | 98 | 100 | 2 | 2/4 | 2 |
| **T18-110.6 HDS** | 127324 | 27 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **T15-93.7 HDA** | 127417 | 31 / 36 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **T16-93.7 HD V2** | 127443 | 31 / 36 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **T16-103.7 HD V2** | 127444 | 31 / 36 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **T16-95.5 HD V2** | 127135 | 34 / 36 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **T16-105.6 HD V2** | 127370 | 35 / 36 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **T20-105.6 HD V2** | 127376 | 35 / 36 | 90 | 99 | 100 | 2 | 2/4 | 2 |
| **T23-125.6 HD V2** | 127384 | 35 / 36 | 94 | 104 | 105 | 2 | 2/4 | 2 |
| **FC13-90.6 HD 2WD** | 127381 | 42 / 43 | 85 | 97 | 99 | 2 | 1.1/2.5 | 2 |
| **FC13-90.6 HD 4WD** | 127382 | 42 / 43 | 85 | 97 | 99 | 2 | 1.1/2.5 | 2 |
| **PETROL LAWN MOWERS** | | | | | | | | |
| **4855 SP ALU** | 127125 | 47 / 48 | 86 | 95 | 96 | 2 | 6 | 2 |
| **5375 VS ALU** | 127126 | 47 / 48 | 88 | 96 | 98 | 2 | 6 | 2 |
| **5375 VSC ALU** | 127127 | 47 / 48 | 88 | 96 | 98 | 2 | 6 | 2 |
| **4755 VS** | 127122 | 53 / 54 | 86 | 95 | 96 | 2 | 6 | 2 |
| **4605 SP Bio** | 127128 | 53 / 54 | 86 | 95 | 96 | 2 | 6 | 2 |
| **5275 VS** | 127124 | 53 / 54 | 88 | 96 | 98 | 2 | 6 | 2 |
| **BLOWER VACS** | | | | | | | | |
| **750 P** | 127141 | 63 | 86 | | 98 | 2 | 6 | 2 |
| **SCYTHE MOWERS** | | | | | | | | |
| **5001-RII** | 127300 | 58 | 90 | 102 | 104 | 2 | 25.99 | 10.4 |
| **COMBI DEVICES** | | | | | | | | |
| **Combi BF 5002-R** | 110493 | 61 | 80 | 92 | 93 | 2 | 5.5 | 0.7 |

solo
by AMBO
ROBOLINHO
3100

# MAKE LIGHT WORK OF ENJOYING YOUR GARDEN WITH AL-KO

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- Lawn Tractors
- Robotic Lawnmowers
- Lawnmowers (Battery / Petrol / Electric)
- Mulching and Scythe Mowers
- Cylinder Mowers

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- Multi-Tool (Battery)
- Grass/Shrub Cutters (Battery)

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- Hedge Trimmers (Battery / Electric)
- Chainsaws (Battery / Electric)
- Log Splitters
- Cultivators

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