



MOTOR MOWERS

PowerSafe®



language



THE VERSATILITY OF BCS MOTOR MOWERS POWERSAFE® ALLOWS OUR CUSTOMERS TO FULFIL ANY REQUIREMENT RELATED TO MOWING FODDER, WEEDING BETWEEN ROWS OF VINEYARDS AND ORCHARDS, MAINTENANCE OF PUBLIC GREENERY AND PRIVATE GARDENS, CLEANING UNCULTIVATED AREAS AND DURING WINTER USE, ALL YEAR ROUND.

THANKS TO THEIR HANDLING AND EASE OF USE, THE BCS MOTOR MOWERS POWERSAFE® ARE WELL PERFORMING ANY TYPE OF USE AND CAN BE USED BY A VAST RANGE OF USERS: FROM HOBBY TO PROFESSIONAL FARMERS, AND FROM INDIVIDUALS TO THE GREENERY CARETAKER. THE POWERSAFE® HYDRAULIC CLUTCH ALSO GUARANTEES MAXIMUM RELIABILITY, COMFORT AND TOTAL SAFETY FOR THE OPERATOR.

4 SEASONS SOLUTION

UNIQUE

SEVERAL ADVANTAGES MAKE THE BCS MOTOR MOWERS POWERSAFE® EXCLUSIVE

M A D E I N I T A L Y

STAGE V ENGINES

featuring a high torque reserve, they hold up even under the most difficult conditions and during prolonged use.

TRANSMISSION

mechanical or hydrostatic for any type of professional use.

POWERSAFE® HYDRAULIC CLUTCH

with multiple discs in oil bath.

GEARBOX

in oil bath, which guarantees long life and reliability.

DRIVER'S POSITION

with adjustable handlebars, mounted on silent-blocks to dampen vibrations

SPECIFIC DEVICES

for steering and driving, to help work on steep slopes.

PTO

independent from gearbox with engagement in oil bath.

QUICK REVERSER

to change the forwarding direction.

SAFETY DEVICES

complying with the strict applicable regulations.

QUICK HITCHES

for the replacement of the attachments without using any wrench.



PowerSafe®

THE EXCLUSIVE POWERSAFE® CLUTCH WITH MULTIPLE STEEL DISCS IN OIL BATH AND FLANGED DIRECTLY TO THE ENGINE FURTHER ENHANCES THE QUALITY OF THE BCS MOTOR MOWERS, PROVIDING THE OPERATOR WITH A SERIES OF TANGIBLE ADVANTAGES.



RELIABLE



RELIABILITY

Maintenance-free hydraulic clutch.

Practically unlimited duration even if stressed with alternating movement attachments or with high inertia.



PERFORMANCE

No overheating even if stressed for a long time.

No drop in performance at any operating temperature.



COMFORT

Gentle and progressive engagement of the clutch lever, as well as minimal force required to keep the safety lever pressed.

Elimination of preliminary action for engine start-up.



SAFETY

Immediate machine and attachment shutdown if the handlebar is released. However, the engine continues to run.

Dual desmodromic system to prevent work from being resumed accidentally.



WARRANTY

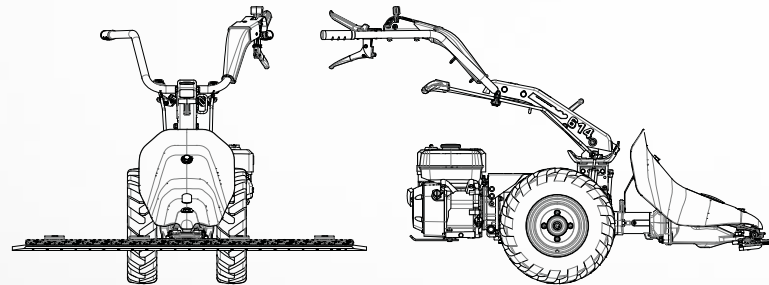
Extended to 5 years on the entire PowerSafe® clutch unit.



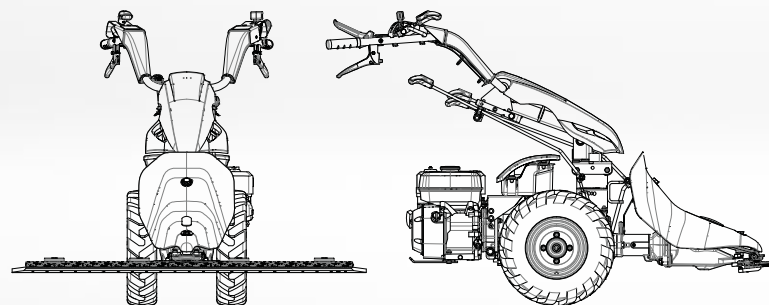
RANGE

8 MODELS, AVAILABLE WITH MECHANICAL OR HYDROSTATIC TRANSMISSION, GASOLINE OR DIESEL ENGINES, FOR A TOTAL OF 30 DIFFERENT VERSIONS, EACH OF WHICH DESIGNED AND BUILT TO SATISFY THE PRECISE REQUIREMENTS OF OUR CUSTOMERS.

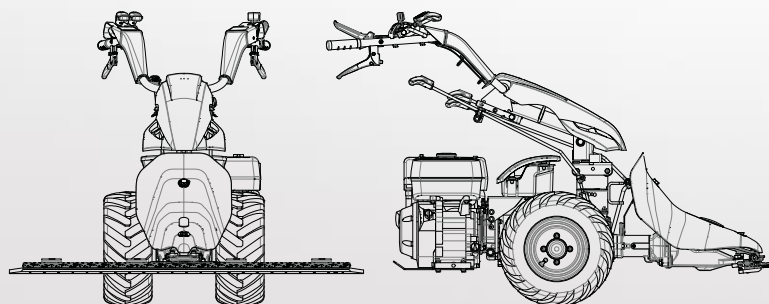
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PowerSafe®



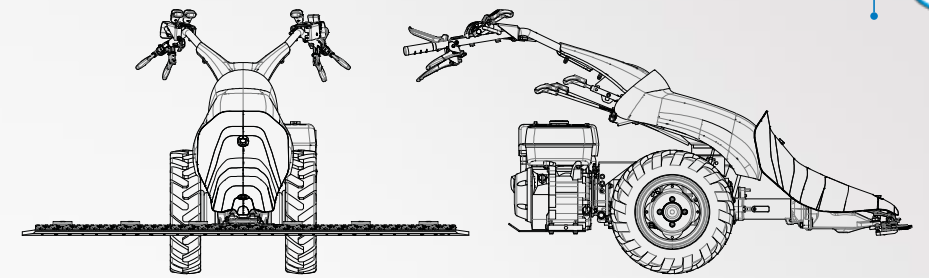
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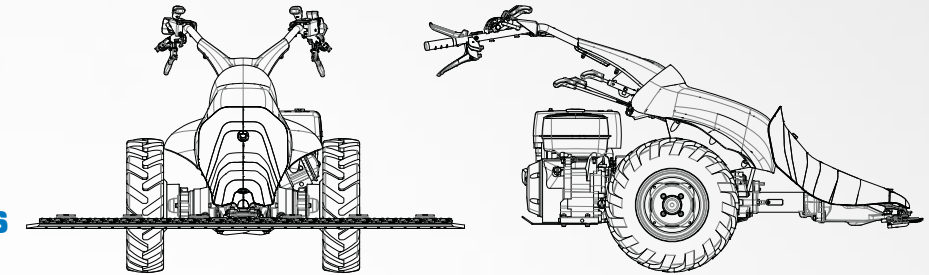
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PowerSafe®



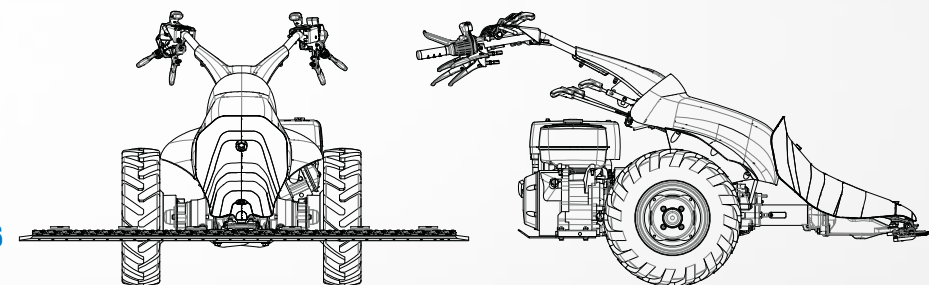
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PowerSafe®



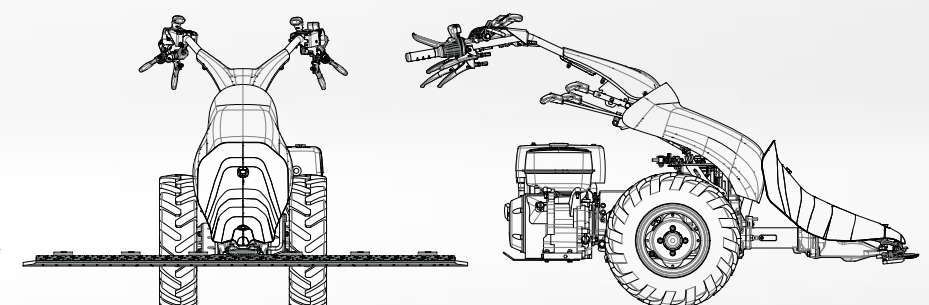
630^{WS}
PowerSafe®



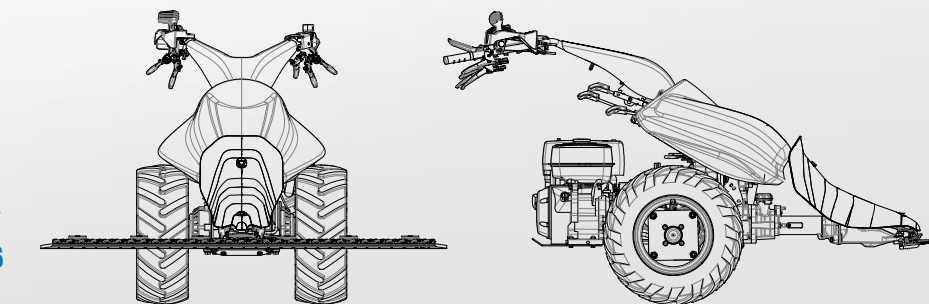
630^{WS}
PowerSafe®
EasyDrive®



635^{HY}
PowerSafe®



660^{HY WS}
PowerSafe®



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PowerSafe®



GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 4.00-8



GEARBOX
1 forward + 1 reverse speeds

QUICK REVERSER
to change the forwarding direction

POWERSAFE® CLUTCH
with multiple discs in oil bath

INDEPENDENT PTO
with engagement in oil bath

ALU PROTECTIONS
on the wheel hubs

HANDLEBAR mounted on silent-blocks,
adjustable in height and sideways

SAFETY DEVICES
complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, snow blade

| Engine | Fuel | Starter | Power kW/HP |
|---------------|----------|---------|-------------|
| HONDA GP160 V | Gasoline | Recoil | 3,6 / 4,8 |

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PowerSafe®



GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 4.00-8



GEARBOX
3 forward + 3 reverse speeds

QUICK REVERSER
to change the forwarding direction

POWERSAFE® CLUTCH
with multiple discs in oil bath

INDEPENDENT PTO
with engagement in oil bath

ALU PROTECTIONS
on the wheel hubs

HANDLEBAR mounted on silent-blocks,
adjustable in height and sideways

SAFETY DEVICES
complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, lawn mower,
snow blade.

| Engine | Fuel | Starter | Power kW/HP |
|----------------------|----------|---------|-------------|
| HONDA GP160 V | Gasoline | Recoil | 3,6 / 4,8 |
| HONDA GX200 V | Gasoline | Recoil | 4,1 / 5,5 |
| HONDA GX270 V | Gasoline | Recoil | 6,3 / 8,6 |
| HONDA GX270 V ALPS * | Gasoline | Recoil | 6,3 / 8,6 |

* Recommended for use on steep slopes

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PowerSafe®



GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 16x6.50-8



GEARBOX
3 forward + 3 reverse speeds

QUICK REVERSER
to change the forwarding direction

DIFFERENTIAL
with lock

POWERSAFE® CLUTCH
with multiple discs in oil bath

INDEPENDENT PTO
with engagement in oil bath

ALU PROTECTIONS
on the wheel hubs

HANDLEBAR mounted on silent-blocks,
adjustable in height and sideways

SAFETY DEVICES
complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, lawn mower, snow blade.

| Engine | Fuel | Starter | Power kW/HP |
|----------------------|----------|---------|-------------|
| HONDA GP160 V | Gasoline | Recoil | 3,6 / 4,8 |
| HONDA GX270 V | Gasoline | Recoil | 6,3 / 8,6 |
| HONDA GX270 V ALPS * | Gasoline | Recoil | 6,3 / 8,6 |

* Recommended for use on steep slopes

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PowerSafe®



GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0/10



GEARBOX
3 forward + 3 reverse speeds

QUICK REVERSER
to change the forwarding direction

DIFFERENTIAL
with lock

POWERSAFE® CLUTCH
with multiple discs in oil bath

INDEPENDENT PTO
with engagement in oil bath

INDEPENDENT WORKING BRAKES
on the two wheels

PARKING BRAKE

HANDLEBAR mounted on silent-blocks,
adjustable in height and sideways

SAFETY DEVICES
complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper.

| Engine | Fuel | Starter | Power kW/HP |
|----------------------|----------|---------|-------------|
| HONDA GX270 V | Gasoline | Recoil | 6,3 / 8,6 |
| HONDA GX270 V ALPS * | Gasoline | Recoil | 6,3 / 8,6 |
| KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 |

* Recommended for use on steep slopes

630^{ws} PowerSafe®



GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0/10



GEARBOX
3 forward + 3 reverse speeds

CAST-IRON
reinforced gearbox

QUICK REVERSER
to change the forwarding direction

POWERSAFE® CLUTCH
with multiple discs in oil bath

INDEPENDENT PTO
with engagement in oil bath

STEERING CLUTCH/BRAKE ASSEMBLY
on the two wheels

REDUCTION UNIT in oil bath on the two wheels

PARKING BRAKE

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways

SAFETY DEVICES
complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper.

| Engine | Fuel | Starter | Power kW/HP |
|----------------------|----------|---------|-------------|
| HONDA GX340 V ALPS * | Gasoline | Recoil | 8 / 10,7 |
| KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 |
| YANMAR LV100 | Diesel | Recoil | 7,5 / 10 |

* Recommended for use on steep slopes

630^{ws} PowerSafe®

EasyDrive®



GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0/10



GEARBOX
3 forward + 3 reverse speeds

CAST-IRON
reinforced gearbox

QUICK REVERSER
Hydromechanical EasyDrive®

POWERSAFE® CLUTCH
with multiple discs in oil bath

INDEPENDENT PTO
with engagement in oil bath

STEERING CLUTCH/BRAKE ASSEMBLY
on the two wheels

REDUCTION UNIT in oil bath on the two wheels

AUTOMATIC PARKING BRAKE
Auto-hold type

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways

SAFETY DEVICES
complying with the applicable regulations

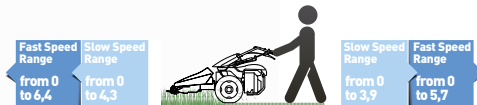
BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper.

| Engine | Fuel | Starter | Power kW/HP |
|----------------------|----------|---------|-------------|
| HONDA GX340 V ALPS * | Gasoline | Recoil | 8 / 10,7 |
| KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 |
| YANMAR LV100 | Diesel | Recoil | 7,5 / 10 |

* Recommended for use on steep slopes

635^{HY} PowerSafe®

GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0/10



HYDROSTATIC TRANSMISSION that can be adjusted continuously with 2 speed ranges

FORWARDING CONTROL by an EasyGrip lever or an EasyRider rotating knob

POWERSAFE® CLUTCH with multiple discs in oil bath

DIFFERENTIAL with lock

INDEPENDENT PTO with engagement in oil bath

INDEPENDENT WORKING BRAKES on the two wheels

PARKING BRAKE

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways

SAFETY DEVICES complying with the applicable regulations

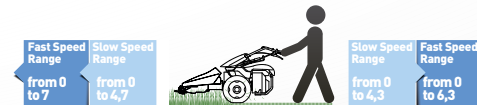
BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper.

| Engine | Fuel | Starter | Power kW/HP |
|----------------------|----------|---------|-------------|
| HONDA GX340 V | Gasoline | Recoil | 8 / 10,7 |
| HONDA GX340 V ALPS * | Gasoline | Recoil | 8 / 10,7 |
| KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 |
| YANMAR LV100 | Diesel | Recoil | 7,5 / 10 |

* Recommended for use on steep slopes

660^{HY WS} PowerSafe®

GRAPH OF THE SPEEDS IN KM/H WITH WHEELS 5.0/10



HYDROSTATIC TRANSMISSION that can be adjusted continuously with 2 speed ranges

FORWARDING CONTROL by an EasyGrip lever or an EasyRider rotating knob

POWERSAFE® CLUTCH with multiple discs in oil bath

INDEPENDENT PTO with engagement in oil bath

STEERING CLUTCH/BRAKE ASSEMBLY on the two wheels

REDUCTION UNIT in oil bath on the two wheels

AUTOMATIC PARKING BRAKE Auto-hold type

IMPLEMENT QUICK HITCH serial

HANDLEBAR mounted on silent-blocks, adjustable in height and sideways

SAFETY DEVICES complying with the applicable regulations

BCS ATTACHMENTS WHICH CAN BE MOUNTED: cutter bar, lawn mower, heavy duty mower, BladeRunner, RollerBlade, snow blade, sweeper.

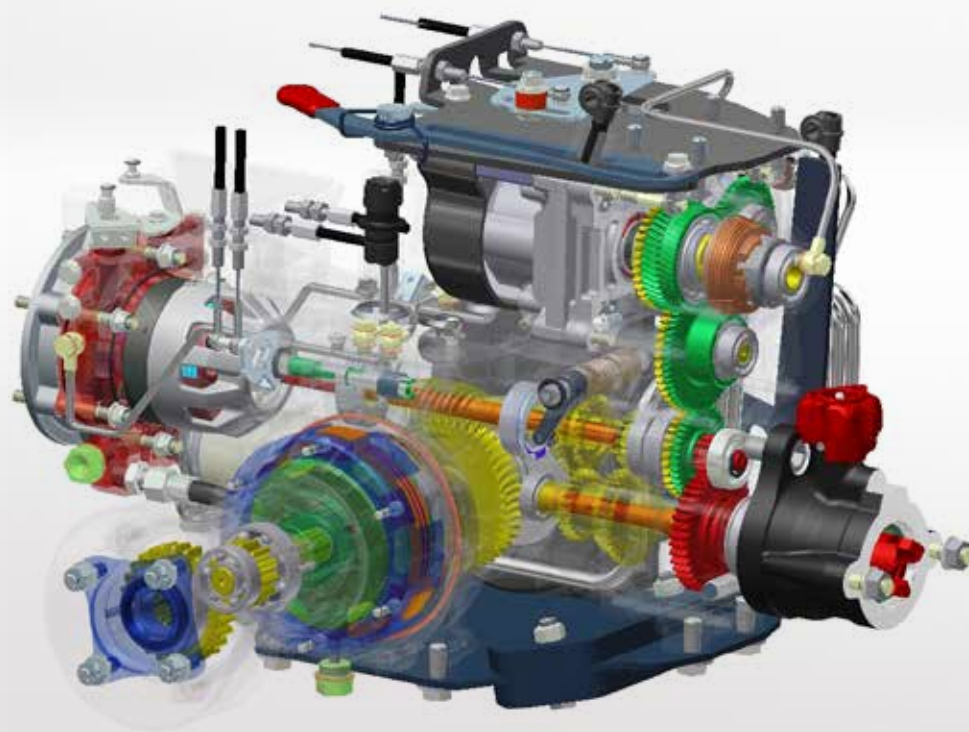
| Engine | Fuel | Starter | Power kW/HP |
|---------------------------------|----------|---------|-------------|
| HONDA GX390 V ALPS* | Gasoline | Recoil | 8,7 / 11,7 |
| BRIGGS&STRATTON 16HP V VANGUARD | Gasoline | Recoil | 11,9 / 16 |
| YANMAR LV100 | Diesel | Recoil | 7,5 / 10 |

* Recommended for use on steep slopes



THE HYDROSTATIC TRANSMISSION THAT CAN BE ADJUSTED CONTINUOUSLY TOGETHER WITH THE POWERSAFE® HYDRAULIC CLUTCH ENABLED US TO CREATE A SERIES OF EXCLUSIVE PROFESSIONAL MOTOR MOWERS, ONE-OF-A-KIND ON THE MARKET.

HY



TRANSMISSION:

The compact hydrostatic pump-engine unit is made of light alloy, so that the motor mowers can be easily manoeuvred, and positioned on the gearbox. Characterised by a high pressure circuit which is separate from the one of the PowerSafe® clutch, the unit is fitted with an axial-centrifugal fan to cool the hydrostatic unit.

The movement transmission among the hydrostatic unit, the engine and the gearbox is by means of cylindrical gears in oil bath with straight and helical teeth.

The automatic parking brake (Auto-hold), serial on 660 HY WS PowerSafe®, locks the machine in position at the grip limit even with the engine switched off, while a manual release mechanism protected by a safety lock to prevent accidental triggering allows hand pushing to be carried out.

FORWARDING CONTROL:

• EASYGRIP

The “EasyGrip” lever control guarantees a high operating comfort especially for those operations requiring frequent direction changes, such as greens maintenance and typical uses in municipalities.



• EASYRIDER

The “EasyRider” forwarding control by rotating knob, motorcycle type, allows the operator to control the forwarding movement, holding the handlebar with the right hand. This allows to better control the unit in deep slopes, such as cutting on hilly grounds.



For both forwarding controls, a notch sector allows the operator to easily and repeatedly fix the position of the lever or of the knob. A central area without notches lets the lever or the knob to be positioned as desired, so that the machine can operate at a very slow speed.

ATTACHMENTS

BCS MOTOR MOWERS POWERSAFE® CAN BE USED IN SEVERAL TYPES OF JOBS, IN ADDITION TO CLASSIC GRASS MOWING. THE SOLID, COMPACT AND YET LIGHTWEIGHT STRUCTURE ALLOWS THEM TO BE EASILY MANOEUVRED ON ANY TYPE OF TERRAIN, EVEN ON STEEP SLOPES.

THE WIDE RANGE OF PROFESSIONAL AND 'TOP QUALITY' ATTACHMENTS MAKES BCS MOTOR MOWERS POWERSAFE® INDISPENSABLE MACHINES FOR ALL SEASONS.



CUTTER BAR LASER



USE

Mowing grass and fodder. Anti-clogging bar recommended for tenacious and thin grass, typical of mountain pastures or lawns. Suitable for any type of terrain where no swath must be formed.

AVAILABLE VERSIONS

Cutting width: 80 - 100 - 115 - 135 - 155 cm.
Transmission in oil bath required.

TECHNICAL FEATURE

- Skids to adjust the cutting height (approximately 20 to 80 mm)
- High-strength tempered steel tunnel moulded tooth
- Cylindrical nailing of blades for enhanced cutting reliability and quality
- Full thickness screws in the blade base in alloy and tempered steel
- Blade coupling with reinforced tempered steel connection
- Rounded edged cutter bar to prevent damage in case of shocks

CUTTER BAR WITH MIDDLE CUT FINGERS



USE

Mowing grass and fodder. Recommended for consistent grass and haymaking with subsequent formation of swath by two conveyors. It makes use of classical sharp teeth with upper feather key to support the stem to be cut.

AVAILABLE VERSIONS

Cutting width: 115 - 145 cm.
Transmission in oil bath required.

TECHNICAL FEATURE

- Classical sharp teeth with upper feather key
- Skids to adjust the cutting height (approximately 20 to 50 mm)
- Tempered tunnel moulded tooth with steel insert
- Cylindrical nailing of blades for enhanced cutting reliability and quality
- Full thickness screws in the blade base in alloy and tempere steel
- Blade coupling with reinforced tempered steel connection

CUTTER BAR DUPLEX



USE

Mowing grass and fodder. Dual alternative movement bar: blade and comb move in opposite direction thus eliminating vibrations. Effective in any condition of use, it can also work at high speeds while keeping the cutting quality constant.

AVAILABLE VERSIONS

Cutting width: 120 - 150 - 180 cm.
Transmission in oil bath with double movement required.

TECHNICAL FEATURE

- Self-adjusting elastic blade holders with constant pressure and without need for manual adjustment by the operator
- Classical sharp teeth with upper feather key
- Skids to adjust the cutting height (approximately 20 to 50 mm)
- Tempered tunnel moulded tooth with steel insert
- Cylindrical nailing of blades for enhanced cutting reliability and quality
- Full thickness screws in the blade base in alloy and tempered steel
- Blade coupling with reinforced tempered steel connection

CUTTER BAR DUAL LASER



USE

Mowing grass and fodder. Dual alternative movement bar for absolute operating comfort: blade and comb move in opposite direction thus eliminating vibrations. Effective on all types of ground, it can be used at high speeds.

AVAILABLE VERSIONS

Cutting width: 130 - 170 cm.
Transmission in oil bath with double movement required.

TECHNICAL FEATURE

- Fixed blade holders
- Skids to adjust the cutting height (approximately 20 to 80 mm)
- High-strength tempered steel tunnel moulded tooth
- Cylindrical nailing of blades for enhanced cutting reliability and quality
- Full thickness screws in the blade base in alloy and tempered steel
- Blade coupling with reinforced tempered steel connection
- Rounded edged cutter bar to prevent damage in case of shocks

CUTTER BAR DUAL LASER ELASTO



USE

Mowing grass and fodder. Ultra professional dual alternative movement bar for absolute operating comfort: blade and comb move in opposite direction thus eliminating vibrations. Equipped with self-adjusting elastic blade holders, it is effective on all types of ground and can be used at high speeds.

AVAILABLE VERSIONS

Cutting width: 130 - 170 - 210 cm.
Transmission in oil bath with double movement required.

TECHNICAL FEATURES

- Self-adjusting elastic blade holders equipped with "flaps" to further improve the outflow of the mowed grass
- Skids to adjust the cutting height (approximately 20 to 80 mm)
- High-strength tempered steel tunnel moulded tooth
- Cylindrical nailing of blades for enhanced cutting reliability and quality
- Full thickness screws in the blade base in alloy and tempered steel
- Blade coupling with reinforced tempered steel connection
- Rounded edged cutter bar to prevent damage in case of shocks

LAWN MOWER



USE

Grass cutting with collection in green areas, private and public parks, gardens and sports grounds.

AVAILABLE VERSIONS

56 cm single-blade - 100 cm with two blades

TECHNICAL FEATURES

- Cutting width: 56 cm (single-blade) - 100 cm (with two blades)
- Minimum power required*: 3,6 kW (56-cm lawn mower) 7,5 kW (100-cm lawn mower)
- Transmission with gears in oil bath
- Anti-dragging free wheel (for 100-cm lawn mower only) and automatic blade brake, according to the EN 12733 regulation
- Pivoting blades (for 100-cm lawn mower only)
- Adjustable front wheels for the horizontal adjustment of the cutting unit (for 100-cm lawn mower only)
- Adjustable cutting height (for 100-cm lawn mower only)
- Grass catcher: capacity 60 l (56-cm lawn mower) 160 l (100-cm lawn mower)

* data are approximate and refer to standard working conditions

HEAVY DUTY MOWER



USE

Cutting and shredding of grass, bushes on green areas, rough grounds, undergrowth, uncultivated or industrial areas with discharge on the ground.

TECHNICAL FEATURES

- Single-blade heavy duty mower
- Cutting width: 80 cm
- Minimum power required*: 7 kW
- Automatic blade brake according to the EN 12733 regulation and anti-dragging free wheel
- Transmission with gears in oil bath
- Swinging axle
- Front and adjustable pivoting wheels for the horizontal adjustment of the cutting unit
- Adjustable cutting height

* data are approximate and refer to standard working conditions

HEAVY DUTY MOWER BLADERUNNER



USE

Implement to eliminate pruning residues or to control inter-rows weeds, heavy duty maintenance and clean-up from brambles, bushes and underbrush of uncultivated lands, forest undergrowth and rural parks.

AVAILABLE VERSIONS

Cutting width: 60 - 75 - 90 - 110 cm.

TECHNICAL FEATURES

- Single-rotor heavy duty mower with mobile Y-blades
- Minimum power required*: 5 kW (60 cm) - 6 kW (75 cm) 7,5 kW (90 cm) - 9,5 kW (110 cm)
- Automatic blade brake according to the EN 12733 regulation and anti-dragging free wheel
- Main transmission with gears in oil bath and lateral transmission with belts
- Mobile front opening with canvas and protection bar
- Front pivoting wheels: they can be locked when working on slopes (for 90 and 110 cm models only)
- Adjustable cutting height
- Optional: lawn mowing blade kit, rear anti-scalp roller, 14-kg weight

* data are approximate and refer to standard working conditions

HEAVY DUTY MOWER ROLLERBLADE



USE

Implement to eliminate pruning residues or to control inter-rows weeds, heavy duty maintenance and clean-up from brambles, bushes and underbrush of uncultivated lands, forest undergrowth and rural parks also on slopes.

AVAILABLE VERSIONS

Cutting width: 75 - 90 cm.

TECHNICAL FEATURES

- Single-rotor heavy duty mower with mobile Y-blades
- Minimum power required*: 6 kW (75 cm) - 7,5 kW (90 cm)
- Automatic blade brake according to the EN 12733 regulation and anti-dragging free wheel
- Main transmission with gears in oil bath and lateral transmission with belts
- Front opening protected by mobile steel flaps
- Standard rear anti-scalp roller
- Adjustable cutting height
- Optional: lawn mowing blade kit

* data are approximate and refer to standard working conditions

SNOW BLADE



USE

Snow removal from any surface, gravel or sand handling.

TECHNICAL FEATURES

- Working width: 100 cm
- Steel structure
- Curved shape to facilitate the rolling of the snow
- Sideways adjustable, directly from the operator's seat
- Adjustable height above the ground
- Optional: 9-kg weight

TURBINE SNOW THROWER



USE

Snow removal from driveways, pavements and parking lots with collection and throw of dry, wet or frozen snow.

AVAILABLE VERSIONS

Working width: 60 - 70 cm.

TECHNICAL FEATURES

- Minimum power required*: 6,3 kW
- Transmission with gears in oil bath and cast iron housing
- Duct made of stainless steel and pivoting by 180° directly from the operator's seat
- Adjustable skids to set the ground clearance
- Safety pins to prevent damage to the impellers in case of impact
- Optional: balancing weight

* data are approximate and refer to standard working conditions

SWEeper



USE

Snow removal and cleaning of driveways, pavements, parking lots or barns.

AVAILABLE VERSIONS

Working width: 80 - 100 cm.

TECHNICAL FEATURES

- Minimum power required*: 6,3 kW
- Transmission with gears in oil bath and cast iron housing
- Brush: nylon or nylon and steel (for 100-cm model only)
- Sideways adjustable, directly from the operator's seat
- Adjustable cleaning height

* data are approximate and refer to standard working conditions

WHEELS



USE

Pneumatic or metal wheels with different profiles for various types of applications in agriculture, greens maintenance or haymaking.

AVAILABLE VERSIONS

With profil: Tractor - Lug Tyre - Terra Tyre - Garden - Super bite.

TECHNICAL FEATURES

- Tractor: agricultural use. The clawed profile also allows a good grip on hard and soft grounds.
- Lug Tyre: agricultural use. The clawed profile allows a good grip but with less soil compaction.
- Terra Tyre: used for greens maintenance and haymaking. The widened profile allows greater flotation and minimum soil compaction.
- Garden: used for greens maintenance on quality surfaces. The low compaction profile protects the lawn.
- Super bite: metal wheels especially suitable for mowing on sloping terrain. Combined with 4.00-8 or 5.0-10 pneumatic wheels, they enhance both the traction and the side stability of the machine.

CLAWED WHEELS



USE

Steel wheels suitable for mowing on very steep slopes and in extreme conditions. The tread lugs penetrate the soil, considerably increasing both the traction and the side stability of the machine.

AVAILABLE VERSIONS

3x300 - 4x400

TECHNICAL FEATURES

- 3x300: 8 rows of 3 claws. Diameter 500 mm, width 290 mm
- 4x400: 7 rows of 4 claws. Diameter 525 mm, width 370 mm

LUBRICANTS



USE

The original PowerLube lubricants are the only ones that guarantee both the hydraulic and mechanical components of the BCS motor mowers PowerSafe® function properly and, at the same time, ensuring their perfect efficiency over time.

AVAILABLE VERSIONS

Hydromechanical transmission lubricant - Hydrostatic transmission and engine lubricant

TECHNICAL FEATURES

- High quality synthetic bases and raw materials
- Formulated specifically for BCS motor mowers

ALPS ENGINES



USE

ALPS gasoline engines, developed in collaboration with Honda, have innovative technical features for working with the utmost regularity on slopes of 60%.

TECHNICAL FEATURES

- A one-way valve built into the cylinder head improves oil flow, thus ensuring excellent engine lubrication even when used on a slope
- The fuel pump is positioned so that it cannot be accidentally damaged; this ensures a good flow of fuel

TECHNICAL FEATURES

| | Engine | Fuel | Starter | Power kW/HP | Transmission | Speeds FWD+REV | Quick reverser | Clutch | Differential | PTO | Brakes | Reduction units | Handlebar | Safety devices |
|--|----------------------------------|----------|---------|-------------|---|--|---|---|---|--|---|----------------------------|---|--|
| 614 PowerSafe® | HONDA GP160 V | Gasoline | Recoil | 3,6 / 4,8 | Mechanical, with gears and worm screw in oil bath | 1 + 1 | Yes, with mechanical control | PowerSafe® hydraulic with manual contro | No | Independent from gearbox. At 990 rpm with engagement in oil bath | No | No | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| 615 PowerSafe® | HONDA GP160 V | Gasoline | Recoil | 3,6 / 4,8 | Mechanical, with gears and worm screw in oil bath | 3 + 3 | Yes, with mechanical control on the handlebar | PowerSafe® hydraulic with manual control | No | Independent from gearbox. At 990 rpm with engagement in oil bath | No | No | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| | HONDA GX200 V | Gasoline | Recoil | 4,1 / 5,5 | | | | | | | | | | |
| | HONDA GX270 V | Gasoline | Recoil | 6,3 / 8,6 | | | | | | | | | | |
| | HONDA GX270 V ALPS | Gasoline | Recoil | 6,3 / 8,6 | | | | | | | | | | |
| 618 PowerSafe® | HONDA GP160 V | Gasoline | Recoil | 3,6 / 4,8 | Mechanical, with gears and worm screw in oil bath | 3 + 3 | Yes, with mechanical control on the handlebar | PowerSafe®, hydraulic with manual control | With lock | Independent from gearbox. At 990 rpm with engagement in oil bath | No | No | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| | HONDA GX270 V | Gasoline | Recoil | 6,3 / 8,6 | | | | | | | | | | |
| | HONDA GX270 V ALPS | Gasoline | Recoil | 6,3 / 8,6 | | | | | | | | | | |
| 630 PowerSafe® | HONDA GX270 V | Gasoline | Recoil | 6,3 / 8,6 | Mechanical, with gears and worm screw in oil bath | 3 + 3 | Yes, with mechanical control on the handlebar | PowerSafe®, hydraulic with manual control | With lock | Independent from gearbox. At 990 rpm with engagement in oil bath | Independent work brakes on the two wheels and parking brake | No | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| | HONDA GX270 V ALPS | Gasoline | Recoil | 6,3 / 8,6 | | | | | | | | | | |
| | KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 | | | | | | | | | | |
| 630 _{WS} PowerSafe® | HONDA GX340 V ALPS | Gasoline | Recoil | 8 / 10,7 | Mechanical, with gears and worm screw in oil bath. Cast-iron reinforced gearbox | 3 + 3 | Yes, with mechanical control on the handlebar | PowerSafe®, hydraulic with manual control | Steering clutches combined with brakes | Independent from gearbox. At 990 rpm with engagement in oil bath | Steering clutch/ brake assembly on the two wheels and parking brake | In oil bath on both wheels | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| | KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 | | | | | | | | | | |
| | YANMAR LV100 | Diesel | Recoil | 7,5 / 10 | | | | | | | | | | |
| 630 _{WS} PowerSafe® EasyDrive® | HONDA GX340 V ALPS | Gasoline | Recoil | 8 / 10,7 | Mechanical, with gears and worm screw in oil bath. Cast-iron reinforced gearbox | 3 + 3 | Yes, with hydro-mechanical control on the handlebar | PowerSafe®, hydraulic with manual control | Steering clutches combined with brakes | Independent from gearbox. At 990 rpm with engagement in oil bath | Steering clutch/ brake assembly on the two wheels and automatic parking brake | In oil bath on both wheels | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| | KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 | | | | | | | | | | |
| | YANMAR LV100 | Diesel | Recoil | 7,5 / 10 | | | | | | | | | | |
| 635 _{HY} PowerSafe® | HONDA GX340 V | Gasoline | Recoil | 8 / 10,7 | Hydrostatic with final worm screw reduction in oil bath | 2-speed ranges (slow/fast) in both FWD and REV | Yes, by hydrostatic unit | PowerSafe®, hydraulic with manual control | With lock | Independent from gearbox. At 990 rpm with engagement in oil bath | Independent work brakes on the two wheels and parking brake | No | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| | HONDA GX340 V ALPS | Gasoline | Recoil | 8 / 10,7 | | | | | | | | | | |
| | KOHLER KD350 V | Diesel | Recoil | 5,5 / 7,5 | | | | | | | | | | |
| | YANMAR LV100 | Diesel | Recoil | 7,5 / 10 | | | | | | | | | | |
| 660 _{HY} PowerSafe® | HONDA GX390 V ALPS | Gasoline | Recoil | 8,7 / 11,7 | Hydrostatic with final worm screw reduction in oil bath | 2-speed ranges (slow/fast) in both FWD and REV | Yes, by hydrostatic unit | PowerSafe®, hydraulic with manual control | Hydraulically controlled steering clutches in oil bath combined with brakes | Independent from gearbox. At 990 rpm with engagement in oil bath | Steering clutch/brake assembly on the two wheels and automatic parking brake | In oil bath on both wheels | Mounted on silent-blocks, adjustable in height and sideways | In compliance with the EN 12733 regulation |
| | BRIGGS&STRATTON 16 HP V VANGUARD | Gasoline | Recoil | 11,9 / 16 | | | | | | | | | | |
| | YANMAR LV100 | Diesel | Recoil | 7,5 / 10 | | | | | | | | | | |

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