

# TWO-WHEEL TRACTORS ACTION



language



## TWO-WHEEL TRACTORS ACTION

THE VERSATILITY OF BCS TWO-WHEEL TRACTORS ACTION SERIES ALLOWS ALL THE FOLLOWING NEEDS TO BE FULFILLED, IN EVERY SEASON OF THE YEAR:

- SOIL PREPARATION FOR SOWING
- CARE OF GARDENS
- GREENS MAINTENANCE
- INTER-ROW MOWING OF VINEYARDS AND ORCHARDS
- CLEARING OF UNCULTIVATED AREAS
- CLEANING OF DRIVEWAYS OR BARNS
- SNOW REMOVAL

THANKS TO THE BCS TWO-WHEEL TRACTORS BEING SO SIMPLE TO HANDLE AND USE, THEY CAN BE USED BY A VAST RANGE OF USERS: FROM HOBBY FARMERS TO PROFESSIONAL FARMERS, AND FROM INDIVIDUALS TO THE GREENERY CARETAKER.



# 4 SEASONS SOLUTION

# UNIQUE

SEVERAL ADVANTAGES MAKE THE BCS TWO-WHEEL TRACTORS ACTION SERIES EXCLUSIVE

MADE IN ITALY



**QUICK REVERSER**  
to change the forwarding direction.

**DRIVER'S POSITION**  
with handlebars, adjustable in height and sideways and reversible 180°, mounted on silent blocks to dampen vibrations.

**DIFFERENTIAL WITH LOCK**  
for improved traction and manoeuvrability.

**DRY CLUTCH**  
with manual control.

**INDEPENDENT POWER TAKE-OFF**  
with maintenance-free coupling in oil bath.

**QUICK HITCHES**  
as optional for the replacement of the attachments without using any wrench.

**THE GEARS**  
run in oil bath, which guarantees long life and reliability.

**PROFESSIONAL ENGINES**  
featuring a high torque reserve assure they hold up even under the most difficult conditions and during prolonged use.

**ENGINE COVER KIT**  
as optional to enhance the styling of the machine.

# HIGH-PERFORMING

THE POWER TRANSMISSION FROM THE ENGINE TO THE WHEELS AND TO THE PTO IS THROUGH A SOLID TRANSMISSION IN OIL BATH, WHICH PROVIDES THE BEST COMPROMISE WITH BENEFITS, RELIABILITY AND WORKING LIFE.

THE CONICAL SELF-VENTILATING DRY CLUTCH ALLOWS SIMPLE MAINTENANCE AND LOW OPERATING COSTS.



## SAFETY

Motor Stop combined with the clutch.

Device to prevent the simultaneous engagement of rotary hoe and reverse speed.



## MANOEUVRABILITY

Solid and compact structure to make the two-wheel tractors extremely light and maneuverable on all types of grounds.

Optimal balancing of the machine with both front and rear attachments.



## COMFORT

Adjustable handlebar in 7 different positions - to fit all types of operator - and sideways to avoid treading the soil worked or to cut on slope.

Handlebar mounted on silent-blocks to dampen vibrations and allow the use of the two-wheel tractors for several hours without straining the operator.



## ERGONOMICS

Easy to locate and operate levers and controls with simple and effortless movements.

Intuitive and well-visible pictograms illustrate the function of all controls to the operator.



## EXPERIENCE

BCS is a leading Company in the sector of agricultural and greens maintenance machines.

Born in 1943, it is recognized internationally for the high quality of its production.



# THE RANGE

3 MODELS, AVAILABLE WITH GASOLINE OR DIESEL ENGINE, WITH RECOIL OR ELECTRIC STARTER, FOR A TOTAL OF 16 DIFFERENT VERSIONS, EACH OF WHICH DESIGNED AND BUILT TO SATISFY THE PRECISE REQUIREMENTS OF OUR CUSTOMERS.

ALL THE BCS TWO-WHEEL TRACTORS ACTION SERIES ARE FITTED WITH REVERSIBLE HANDLEBARS TO BE USED WITH BOTH FRONT AND REAR ATTACHMENTS.

THE SOLID BUT LIGHT STRUCTURE MAKES THE TWO-WHEEL TRACTORS RELIABLE AND MANOEUVRABLE ON ANY TYPE OF TERRAIN.

THE ERGONOMICALLY POSITIONED CONTROLS ALSO REDUCE OPERATOR FATIGUE.



## 720 Action

REVERSIBLE TWO-WHEEL TRACTOR WITH MECHANICAL TRANSMISSION AND DRY CLUTCH.

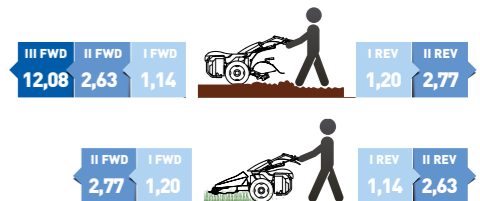
720 is a **light and compact two-wheel tractor** ideal for easily and safely working on **small private plots** or in **tight spaces**.

Creation of gardens, cutting of grass or scrub, removal of snow are only some of the needs that even the inexperienced operator will be able to satisfy.

-  **NO. OF SPEEDS**  
3 + 2
-  **DIFFERENTIAL**  
No
-  **MAX. POWER**  
9.5 hp
-  **MAX. TILLING WIDTH**  
66 cm

Engine	Fuel	Starter	Power kW/hp
HONDA GX200	Gasoline	Recoil	4.1 / 5.5
HONDA GX270	Gasoline	Recoil	6.3 / 8.6
BRIGGS&STRATTON XR1450	Gasoline	Recoil	7 / 9.5
KOHLER KD350	Diesel	Recoil	5.5 / 7.5

GRAPH OF THE SPEEDS IN KM/H WITH 4.0-10 WHEELS



# 730 Action

REVERSIBLE TWO-WHEEL TRACTOR WITH MECHANICAL TRANSMISSION AND DRY CLUTCH.

730 is a professional two-wheel tractor intended for farmers and demanding individuals.

It makes it possible to fulfil all requests in soil preparation, inter-row mowing in vineyards and orchards or in the clearing of uncultivated areas, in the removal of snow and in the care of gardens on medium and large-sized areas.

The presence of the differential provides greater manoeuvrability of the two-wheel tractor and, inserting the lock using the lever on the handlebar, provides greater adherence to the ground and easy straight forward motion.

Engine	Fuel	Starter	Power kW/hp
HONDA GX270	Gasoline	Recoil	6.3 / 8.6
BRIGGS&STRATTON XR1450	Gasoline	Recoil	7 / 9.5
HONDA GX340	Gasoline	Recoil	8 / 10.7
KOHLER KD350	Diesel	Recoil or Electric	5.5 / 7.5

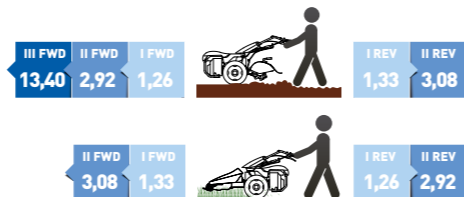
 **NO. OF SPEEDS**  
3 + 2

 **DIFFERENTIAL**  
Yes

 **MAX. POWER**  
10.7 hp

 **MAX. TILLING WIDTH**  
66 cm

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



# 740 Action

REVERSIBLE TWO-WHEEL TRACTOR WITH MECHANICAL TRANSMISSION AND DRY CLUTCH.

740 is a professional two-wheel tractor designed for intensive use.

Ideal for the creation of gardens, the maintenance of public and private gardens, snow removal, mowing and inter-row cleaning of vineyards, orchards or large uncultivated areas.

The presence of the differential increases manoeuvrability and, combined with the brakes, makes the two-wheel tractor agile even when moving on slopes.

Drum brakes make it possible to independently brake one wheel at a time to improve steering.

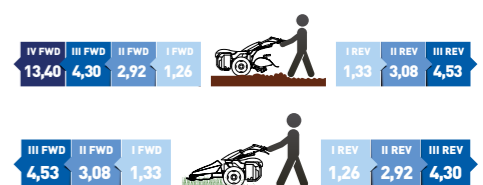
 **NO. OF SPEEDS**  
4 + 3

 **DIFFERENTIAL**  
Yes

 **MAX. POWER**  
11.7 hp

 **MAX. TILLING WIDTH**  
80 cm

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



# ATTACHMENTS

BCS TWO-WHEEL TRACTORS ACTION SERIES CAN BE USED FOR DIFFERENT WORKS, AS WELL AS FOR CLASSIC TILLING.

THE REVERSIBILITY OF THE HANDLEBARS, COMBINED WITH THE CORRECT RATIO BETWEEN THE FORWARD SPEEDS AND THE INDEPENDENT POWER TAKE-OFF SPEED, ENABLES ALL THE MODELS TO BE USED IN AN EXTREMELY PROFESSIONAL WAY WITH BOTH FRONT AND REAR ATTACHMENTS.

THE WIDE RANGE OF GENUINE ATTACHMENTS MAKES BCS TWO-WHEEL TRACTORS INDISPENSABLE TOOLS FOR ALL SEASONS.



## ROTARY HOE



### USE

Attachment for tilling the soil in preparation for seeding, for burying vegetable residues, eliminating weeds or for weeding between rows in vegetable crops and floriculture.

### TECHNICAL FEATURES

Minimum power required\*: 3.5 kW (46 cm) - 4.5 kW (52 cm) - 5.5 kW (66 cm) - 7.5 kW (80 cm).

Transmission with gears in oil bath.

Adjustable working depth (not available for 46-cm model).

The tilling width can be adjusted by changing the numbers of knives and the width of the cover (not available for 46-cm model).

Work safety guard for operator safety.

Optional: travel wheel, Precision Depth Roller, ridger behind rotary hoe.

\* data purely approximate and referred to standard working conditions

### AVAILABLE VERSIONS

Working width: 46 - 52 - 66 - 80 cm.

## PRECISION DEPTH ROLLER



### USE

Fitted behind the rotary hoe, the roller allows the tilling depth to be adjusted with extreme precision and the sowing bed to be prepared by levelling the top layer of the soil.

### TECHNICAL FEATURES

Rotary hoe work depth adjustment: from 1 cm to the maximum tilling depth.

Steel roller with holes supported by self-lubricating metal bushings.

### AVAILABLE VERSIONS

For 66 and 80 cm rotary hoe.

## RIDGER



### USE

Attachment for creating a furrow in previously tilled soil, opening small drainage ditches and reinforcing row crops.

### TECHNICAL FEATURES

Cutting angle of the plough adjustable through the dedicated link.

Cutting depth of the plough adjustable through the dedicated adjustment screw.

Ridge depth adjustable by opening the mouldboards.

Max width of the ridge: 385 mm.

## RIDGER BEHIND ROTARY HOE



### USE

Mounted behind the rotary hoe, it is the attachment for creating a furrow, opening small drainage ditches or reinforcing row crops.

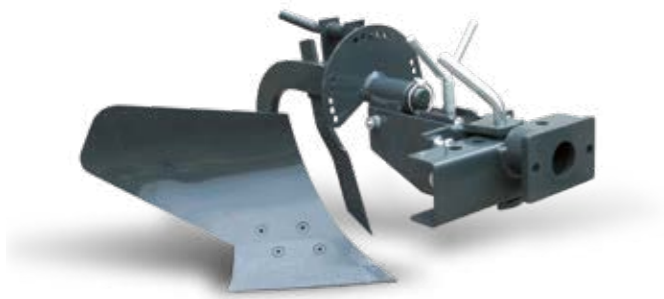
### TECHNICAL FEATURES

Ridge depth adjustable by opening the mouldboards.

Max width of the ridge: 590 mm.



## PLOUGH



### USE

Attachment for tilling and turning over the soil for subsequent processing or directly for sowing. In turning the soil, weeds and previous crops are buried, speeding up their decomposition.

### TECHNICAL FEATURES

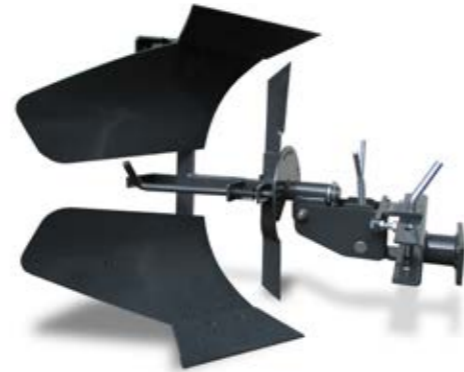
Working width: 20 cm.

Cutting depth of the plough: adjustable through the dedicated adjustment screw.

Height of the knife: adjustable.

Working angle: adjustable through the dedicated lever.

## SWIVEL PLOUGH



### USE

Attachment for tilling and turning over the soil for subsequent processing or directly for sowing. The 180° swivel plough allows overturning the soil always on the same side, both along the forward and return passage.

### TECHNICAL FEATURES

Working width: 20 cm.

Two mouldboards rotatable through 180 ° by lever.

Cutting depth of the plough: adjustable through the dedicated adjustment screw.

Height of the knife: adjustable.

Working angle: adjustable through the dedicated lever.

## ROTARY PLOUGH GROUNDBLASTER



### USE

Attachment for preparing the soil for sowing by integrating ploughing and tilling in a single step, for eliminating weeds, for the tillage of small areas to be cultivated, for creation of furrows, by performing multiple passes.

### TECHNICAL FEATURES

Working width: 25 cm.

Minimum power required\*: 6.3 kW.

Transmission with gears in oil bath.

Tubular work safety protection for operator safety.

Working depth: adjustable from the rear support wheel.

Side sheet panel supplied for obtaining ridge-free cultivation and to prevent any dropping of the soil onto the nearby crops.

Optional: 5-kg each stackable ballasts.

\* data purely approximate and referred to standard working conditions

## GROUNDBLASTER SWIVEL ROTARY PLOUGH



### USE

Attachment for preparing the soil for sowing by integrating ploughing and tilling in a single step, to turn up new pieces of land for farming. The 180° swivel rotary plough allows overturning the soil always on the same side, both along the forward and return passage.

### TECHNICAL FEATURES

Working width: 25 cm.

Minimum power required\*: 6.3 kW.

Two ploughshares that rotate with a lever.

Transmission with gears in oil bath.

Tubular work safety protection for operator safety.

Adjustable working depth with the rear supporting wheel.

\* data purely approximate and referred to standard working conditions

## RIDGER RIDGE 2



### USE

Specific front attachment for ridging by removing the earth from the inter-row and placing it at the bottom of the plant or clearing weeds from the furrow.

### TECHNICAL FEATURES

Plant inter-row spacing: 90 cm (standard) - 130 cm (with extensions).

Minimum power required\*: 5.5 kW.

Transmission with gears in oil bath.

Working depth: adjustable from the little front wheel.

Working width: adjustable from the upper wings.

Optional: pair of extensions, 30-kg ballast.

\* data purely approximate and referred to standard working conditions

### AVAILABLE VERSIONS

Standard Ridge 2 - Ridge 2 with extensions - Ridge 2 for Cassava.

## CUTTER BAR



### USE

Attachment for cutting grass and forage without collection on any flat, hilly or mountain ground.

### TECHNICAL FEATURES

Cutting widths from 80 to 210 cm.

Slides for cutting height adjustment.

Full thickness screws in the blade base in alloy and tempered steel.

Blade attachment with reinforced tempered steel bridge.

Self-adjusting blade-holders (for Duplex and Dual Laser® Elasto only).

Optional: transmission unit 12-kg ballast.

### AVAILABLE VERSIONS

Laser® - with middle cut fingers - Duplex - Dual Laser® with standard or Elasto blade holders.

Transmission in oil bath - Transmission in oil bath with double movement.

## SINGLE-BLADE LAWN MOWER



### USE

Attachment for cutting grass with grass collector, maintenance of green areas and small public or private gardens.

### TECHNICAL FEATURES

Cutting width: 56 cm.

Minimum power required\*: 3.6 kW.

Transmission with gears in oil bath.

Front wheels for maximum manoeuvrability.

Cutting height: adjustable by lever.

Automatic blade brake, according to EN 12733 standard.

Grass catcher: 60 litres capacity.

\* data purely approximate and referred to standard working conditions

## 2-BLADE LAWN MOWER



### USE

Attachment for cutting grass with grass collector, professional maintenance of parks, sports fields, public and private gardens.

### TECHNICAL FEATURES

Cutting width: 100 cm.

Minimum power required\*: 7.5 kW.

Transmission with gears in oil bath.

Anti-dragging free wheel and automatic blade brake, according to the EN 12733 standard.

Pivoting blades.

Adjustable front wheels for the horizontal adjustment of the cutting unit.

Cutting height: adjustable by lever.

Grass catcher: 160 litres capacity.

\* data purely approximate and referred to standard working conditions

# SINGLE-BLADE HEAVY DUTY MOWER



## USE

Attachment for rough cutting with discharge to the ground of grass, shrubs, scrub on uncultivated and undergrowth areas.

## TECHNICAL FEATURES

Cutting width: 80 cm.

Minimum power required\*: 7 kW.

Automatic blade brake according to the EN 12733 standard and anti-dragging free wheel.

Transmission with gears in oil bath.

Swinging axle.

Front pivoting wheels and adjustable for the horizontal setting of the cutting unit.

Cutting height: adjustable through suitable spacers.

\* data purely approximate and referred to standard working conditions

# HEAVY DUTY MOWER BLADERUNNER



## USE

Attachment for the heavy duty maintenance and clearing from brambles, bushes and underbrush of uncultivated land or also for eliminating pruning residues or for controlling weeds between rows.

## TECHNICAL FEATURES

Single-rotor heavy duty mower with "Y"-shaped mobile blades.

Minimum power required\*: 5 kW (60 cm) - 6 kW (75 cm) - 7.5 kW (90 cm) - 8.5 kW (110 cm).

Automatic blade brake according to the EN 12733 standard 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 for processing on slopes (for 90 and 110 cm models only).

Cutting height: constantly adjustable by crank.

Optional: lawn mower blades, rear anti-scalp roller, 14-kg ballast.

\* data purely approximate and referred to standard working conditions

## AVAILABLE VERSIONS

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

# HEAVY DUTY MOWER ROLLERBLADE



## USE

Attachment for eliminating pruning residues and for controlling weeds between rows, for the heavy duty maintenance and clearing from brambles, bushes and underbrush of uncultivated land, even in sloping areas.

## TECHNICAL FEATURES

Single-rotor heavy duty mower with "Y"-shaped mobile blades.

Minimum power required\*: 6 kW (75 cm) - 7.5 kW (90 cm).

Automatic blade brake according to the EN 12733 standard 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.

Cutting height: constantly adjustable by crank.

Optional: lawn mower blades.

\* data purely approximate and referred to standard working conditions

## AVAILABLE VERSIONS

Cutting width: 75 - 90 cm.

# SNOW BLADE



## USE

Attachment for professional snow removal from any surface, gravel or sand handling.

## TECHNICAL FEATURES

Working width: 100 cm.

Steel structure.

Polyurethane blade end.

Curved shape to facilitate the rolling of the snow.

Orientated laterally directly from the driver position.

Adjustable ground clearance.

Optional: 9-kg ballasts.

## DOZER BLADE



### USE

Attachment for moving and levelling gravel, sand or soil and for removing snow from coarse surfaces.

### TECHNICAL FEATURES

Working width: 92 cm.

Steel structure.

Laterally oriented.

Used both for pushing and leveling.

## TURBINE SNOW THROWER



### USE

Attachment for removing snow from avenues, pavements and parking lots quickly and effortlessly by collecting and throwing snow.

### 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 driving position.

Adjustable skids to set the ground clearance.

Safety pins to prevent damage to the impellers in case of impact.

Optional: balancing weight.

\* data purely approximate and referred to standard working conditions

### AVAILABLE VERSIONS

Working width: 60 - 70 cm.

## SWEEPER



### USE

Attachment for superficial clearing of snow or cleaning driveways, pavements, parking lots and barns.

### 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 and 120 cm models only).

Rear wheels for better manoeuvrability.

Sideways adjustable directly from the driving position.

Adjustable cleaning height.

\* data purely approximate and referred to standard working conditions

### AVAILABLE VERSIONS

Working width: 80 - 100 - 120 cm.

## TOWED TRAILER



### USE

The towed trailer is a very useful implement for small transports around the farm.

### TECHNICAL FEATURES

Capacity: 400 kg

Dimensions: 150 x 110 x 26 cm

Wheels mounted on ball bearings

Two drum brakes mounted in the wheels and controlled by a pedal located on the trailer shaft

Parking-brake controlled by a hand lever acting on the wheels

## WORK AND TRAVEL SULKY



### USE

The work and travel sulky includes a two-wheel frame with seat and is designed so that the operator can ride while mowing.

### TECHNICAL FEATURES

It operates front-mount attachments only (lawn mower or cutter bar)

The two-wheel tractor must be equipped with brakes

## PNEUMATIC WHEELS



### USE

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

### TECHNICAL FEATURES

Tractor: agricultural use. The thread lug design also allows a good grip on hard and soft terrain.

Lug Tyre: agricultural use. The thread lug design always ensures 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 finer surfaces. The low compaction profile protects the turf.

## METAL WHEELS



### USE

Iron wheels fitted instead of pneumatic wheels for various types of use in the agricultural field.

### TECHNICAL FEATURES

Steel cage: agricultural use on very hard soils. The crosspieces penetrate into the ground preventing the wheels from slipping. Steel cage wheels can also be used on loose and soft soils where the pneumatic wheels could sink.

Twinning rings: coupled to the cage wheels, they double the support surface and anchorage on the ground.

## QUICK HITCH



### USE

Comprising a tang and a bush, the quick hitch is the ideal accessory to change attachments quickly and easily, without having to use any spanners.

# TECHNICAL FEATURES

## 720 Action

Engine	Fuel	Starter	Power kW/HP	Gearbox	Speeds FWD + REV	Quick reverser	Clutch	Brakes	Differential	PTO	Handlebar	Wheels	Safety devices	BCS attachments which can be mounted
HONDA GX200	Gasoline	Recoil	4.1 / 5.5	With gears and worm screw in oil bath	3 + 2 (two-wheel tractor position)	Yes	Self-ventilating dry clutch, with manual control	No	No	Independent from gearbox. At 990 rpm (with engine at 3600 rpm with engagement in oil bath)	Mounted on silent-blocks, adjustable in height and sideways and reversible	4.00-8 4.0-10 6.5/80-12 Steel cage wheels Ø 43 cm	Engine Stop combined with clutch and contrast reverse speed	Rotary hoe, PDR, ridger, plough, cutter bar, lawn mower, BladeRunner, snow blade and turbine snow thrower, sweeper, towed trailer
HONDA GX270	Gasoline	Recoil	6.3 / 8.6											
BRIGGS&STRATTON XR1450	Gasoline	Recoil	7 / 9.5											
KOHLER KD350	Diesel	Recoil	5.5 / 7.5											

## 730 Action

HONDA GX270	Gasoline	Recoil	6.3 / 8.6	With gears and worm screw in oil bath	3 + 2 (two-wheel tractor position)	Yes	Self-ventilating dry clutch, with manual control	No	With lock	Independent from gearbox. At 990 rpm (with engine at 3600 rpm) with engagement in oil bath	Mounted on silent-blocks, adjustable in height and sideways and reversible	5.0-10 6.5/80-12 Steel cage wheels Ø 49 cm	Engine Stop combined with clutch and contrast reverse speed	Rotary hoe, PDR, ridger, plough, GroundBlaster, Ridge 2, cutter bar, lawn mower, heavy-duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper, towed trailer
HONDA GX340	Gasoline	Recoil	8 / 10.7											
BRIGGS&STRATTON XR1450	Gasoline	Recoil	7 / 9.5											
KOHLER KD350	Diesel	Recoil or electric	5.5 / 7.5											

## 740 Action

HONDA GX390	Gasoline	Recoil or electric	8.7 / 11.7	With gears and worm screw in oil bath	4 + 3 (two-wheel tractor position)	Yes	Self-ventilating dry clutch, with manual control	Independent working brakes on the two wheels	With lock	Independent from gearbox. At 990 rpm (with engine at 3600 rpm) with engagement in oil bath	Mounted on silent-blocks, adjustable in height and sideways and reversible	5.0-10 6.5/80-12 Steel cage wheels Ø 49 cm	Engine Stop combined with clutch and contrast reverse speed	Rotary hoe, PDR, ridger, plough, GroundBlaster, Ridge 2, cutter bar, lawn mower, heavy-duty mower, BladeRunner, RollerBlade, snow blade and turbine snow thrower, sweeper, towed trailer, work and travel sulky
BRIGGS&STRATTON XR2100	Gasoline	Recoil	8.4 / 11.5											
YANMAR L100V	Diesel	Recoil or electric	6.8 / 9.1											
KOHLER KD440	Diesel	Recoil or electric	8 / 10.5											

For more info, size and weights go to [www.bcsagri.com](http://www.bcsagri.com)

## THE SERVICES

---



### SPARE PARTS

A complete range of original spare parts, guaranteed directly by the manufacturer.



### ASSISTANCE

A team of specialists, well prepared and available to assure an efficient and resolving service.



### LUBRICANTS

We recommend to use the original PowerLube lubricants.

The information indicated in this folder is not binding. The models described may be modified, without notice, by the Manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. BCS guarantees the safety requirements according to the regulations only if the machine is used according to the instructions supplied and coupled with the BCS manufactured attachments. BCS declines any responsibility if any other attachment is used or in case of alteration and/or improper use.

MZ

10/22

901005126B



MADE IN ITALY