



TWO-WHEEL TRACTORS

PowerSafe®





WHY BCS?

Passion

In 1942, in a tiny workshop in Abbiategrasso, Italy, young engineer Luigi Castoldi devised the first mechanical BCS machine, the model 243. This was one of the first self-propelled motor mowers to be manufactured anywhere in the world.

During the late 1960's BCS began manufacturing soil working implements and so the first BCS Two Wheel Tractor was born.

Today BCS is one of the world's largest manufacturers of pedestrian two wheel tractors and grass cutting machines. The BCS Group has three production plants in Italy spanning 300,000m², subsidiary offices in 6 countries, and distributors in over 100 countries.

The company name comes from the initials of its original founder, Luigi Castoldi, and his two associates, Camillo Bonnetti and Severino Speroni.

Innovation

In their state-of-the-art manufacturing facilities in Abbiategrasso, BCS produces every individual component for their machinery.

Precision manufacturing and accuracy to within 0.01mm during the production process, coupled with every machine being assembled and tested to the strictest standards, ensures optimum quality and performance.

Commitment

BCS continues to lead the way in new technology, notably with the introduction of their patented PowerSafe® clutch, a revolutionary design offering unbeatable performance and reliability, and supported by a 5-year warranty on each unit.

RELIABLE

PowerSafe®

The PowerSafe® clutch with multiple steel discs in oil bath and directly flanged to the engine, is patented and exclusive to the BCS Group. The clutch guarantees a number of benefits for the operator, and in addition ensures that BCS Two Wheel Tractors conform to the safety regulations EN 709/A4.



SAFETY

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

Two stage system to prevent work from being resumed accidentally.



RELIABILITY

Dependable 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.



WARRANTY

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

UNIQUE

HANDLEBAR OFFSET

This simple method of moving the handlebars from side to side allows the operator to avoid obstacles.

QUICK REVERSE LEVER

Located on the handlebars, this allows the operator to change direction quickly.

ANTI-VIBRATION HANDLEBAR

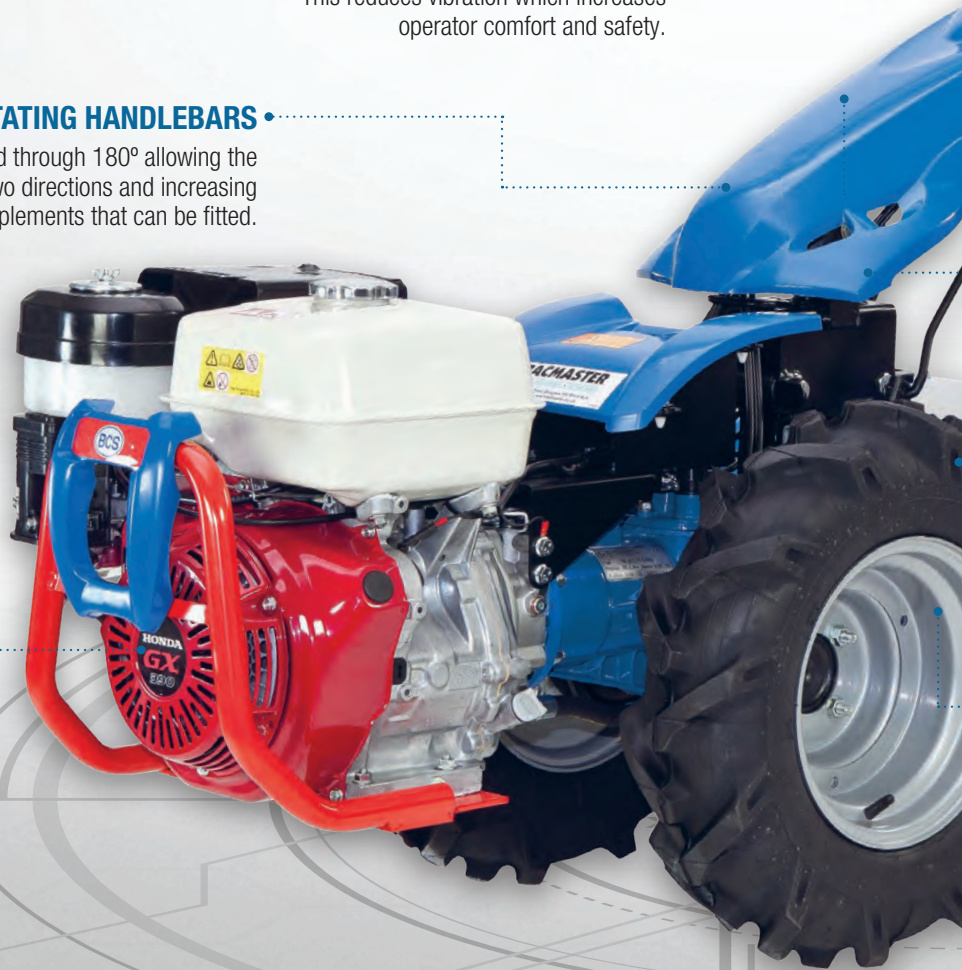
This reduces vibration which increases operator comfort and safety.

ROTATING HANDLEBARS

The handlebars can be rotated through 180° allowing the two wheel tractor to be used in two directions and increasing the number of implements that can be fitted.

HIGH QUALITY ENGINES

BCS Two Wheel Tractors are powered by top name petrol and diesel engines which are considered the most reliable and powerful in their classes.



*Shown pictured with rotavator attachment, for details of other implements available see pages 30-31.

SEVERAL FEATURES MAKE BCS POWERSAFE® TWO-WHEEL TRACTORS SUPERIOR

M A D E I N I T A L Y



- **PARKING BRAKE**

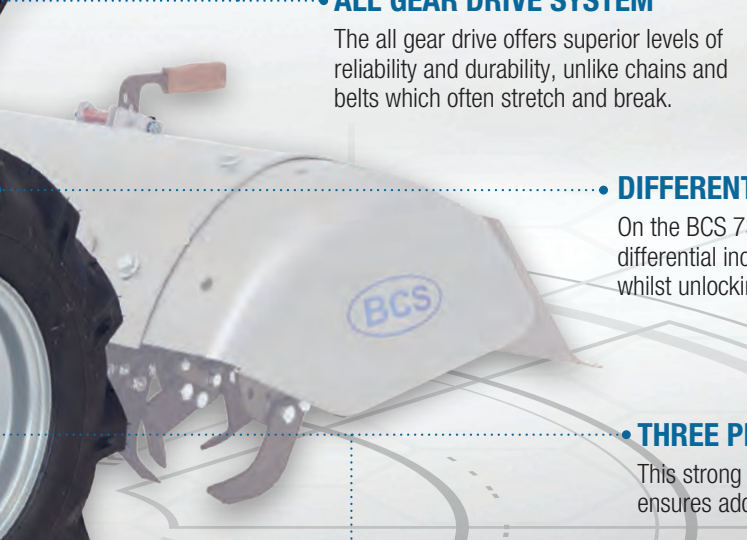
This secures the machine during transportation, or when parked on an incline.

- **SAFETY (OPC) LEVER**

When this is released the machine and implement will stop instantly.

- **ADJUSTABLE HANDLEBARS**

The height of the handlebars can be adjusted to suit each individual and maximise user comfort.



- **ALL GEAR DRIVE SYSTEM**

The all gear drive offers superior levels of reliability and durability, unlike chains and belts which often stretch and break.

- **HYDROSTATIC DRIVE (770HY only)**

The hydrostatic drive and steering brakes ensure complete control of the machine at all times.

- **DIFFERENTIAL WITH LOCK**

On the BCS 738, 740, 750 & 770HY locking the differential increases vtraction in difficult terrain, whilst unlocking it allows on the spot turning.

- **THREE PIN POWER TAKE OFF**

This strong and proven drive connection ensures added durability.

- **QUICK COUPLING ASSEMBLY**

This is available as an optional extra and enables implements to be changed in seconds and without tools.

RANGE

The range comprises six models, four of which are available with either petrol or diesel engine. The larger models also have the option of recoil or electric start.

The machines can operate a range of attachments enabling you to undertake a wide variety of different jobs, but their smaller size allows them to gain access to confined spaces and difficult to access areas.

Their main benefit is their ability to operate not only digging attachments such as rotavators and ploughs, but also grass cutting and maintenance attachments such as mowers and sweepers.

These versatile machines therefore offer all-year-round use and unbeatable value for money.

All BCS PowerSafe® Two Wheel Tractors are fitted with reversible handlebars to be used with both front and rear mounted attachments.



PowerSafe[®]

710



GEARBOX 1 forward and 1 reverse speed.

POWERSAFE[®] CLUTCH with multiple discs in oil bath.

INDEPENDENT POWER TAKE-OFF with engagement in oil bath.

PARKING BRAKE.

HANDLEBAR mounted on silent-blocks, adjustable for height and sideways, and reversible.

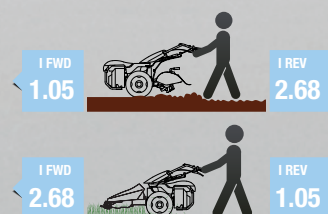
SAFETY DEVICES complying with the applicable regulations.



ATTACHMENTS AVAILABLE FOR 710

Rotavator, Trailed Ridger, Laser[®] Scythe Cutter Bar, Hay Rake, Snow/Power Brush, Snow Blower, Snow Plough, Dozer Blade.

SPEEDS IN KM/H WITH 4.00-8 WHEELS



Engine	Power hp / kW	Speeds	Wheels	Brakes	Weight	Dimensions (L x W x H)
Honda GX270 Petrol Recoil Start	8.4 / 6.3	1 Forward 1 Reverse	4.00 x 8 Agri	Parking Brake	83kg	170 x 42 (64) x 120cm

PowerSafe®

728



GEARBOX 3 forward and 3 reverse speeds.

QUICK REVERSE to change direction.

POWERSAFE® CLUTCH with multiple discs in oil bath.

INDEPENDENT POWER TAKE-OFF with engagement in oil bath.

PARKING BRAKE.

HANDLEBAR mounted on silent-blocks, adjustable for height and sideways, and reversible.

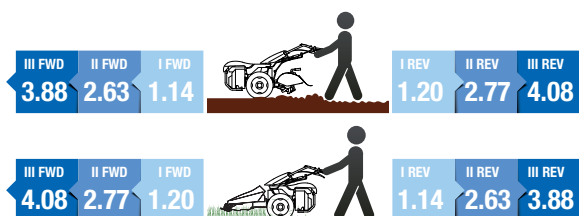
SAFETY DEVICES complying with the applicable regulations.



ATTACHMENTS AVAILABLE FOR 728

Rotavator, Reversible Plough, Cultivator Kit, Adjustable Ridger, Trailed Ridger, Tined Cultivator, Rotary Mower, Laser® Scythe Cutter Bar, Hay Rake, Snow/Power Brush, Snow Blower, Snow Plough, Dozer Blade.

SPEEDS IN KM/H WITH 4.00-8 WHEELS



Engine	Power hp / kW	Speeds	Wheels	Brakes	Weight	Dimensions (L x W x H)
Honda GP160 Petrol Recoil Start	4.8 / 3.6	3 Forward 3 Reverse	4.00 x 8 Agri	Parking Brake	76kg	180 x 55 (64) x 120cm
Honda GX200 Petrol Recoil Start	5.8 / 4.3				82kg	



GEARBOX 3 forward and 3 reverse speeds.

QUICK REVERSE to change direction.

DIFFERENTIAL with lock.

POWERSAFE® CLUTCH with multiple discs in oil bath.

INDEPENDENT POWER TAKE-OFF with engagement in oil bath.

PARKING BRAKE.

HANDLEBAR mounted on silent-blocks, adjustable for height and sideways, and reversible.

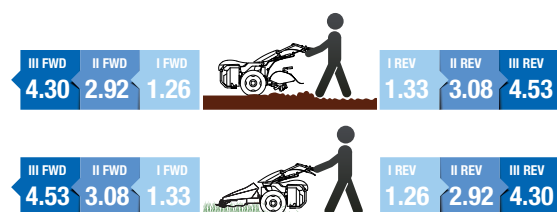
SAFETY DEVICES complying with the applicable regulations.



ATTACHMENTS AVAILABLE FOR 738

Rotavator, Precision Depth Roller, Rotary Plough, Single Plough, Reversible Plough, Cultivator Kit, Adjustable Ridger, Trailed Ridger, Tined Cultivator, Laser® Scythe Cutter Bar, Duplex Scythe Cutter Bar, Duplex Laser® Scythe Cutter Bar, Rotary Mower, Mulching Mower, Flail Mower, Hay Rake, Buck Rake, Lawn Scarifier, Snow/Power Brush, Snow Blower, Snow Plough, Chipper Shredder, Leaf Blower, Dozer Blade, Wheel Barrow.

SPEEDS IN KM/H WITH 5.00-10 WHEELS



Engine	Power hp / kW	Speeds	Wheels	Brakes	Differential	Weight	Dimensions (L x W x H)
Honda GX270 Petrol Recoil Start	8.4 / 6.3	3 Forward 3 Reverse	5.00 x 10 Agri	Parking Brake	Locking Differential	100kg	180 x 55 (64) x 120cm
Honda GX340 Petrol Recoil Start	10.7 / 8.0					106kg	
Honda GX270 Petrol Electric Start	8.4 / 6.3					102kg	
Kohler KD350 Diesel Recoil Start	6.8 / 5.1					116kg	

PowerSafe®

740



GEARBOX 3 forward and 3 reverse speeds.

QUICK REVERSER to change direction.

POWERSAFE® CLUTCH with multiple discs in oil bath.

INDEPENDENT POWER TAKE-OFF with engagement in oil bath.

INDEPENDENT WORKING BRAKES on the two wheels.

PARKING BRAKE.

HANDLEBAR mounted on silent-blocks, adjustable for height and sideways, and reversible.

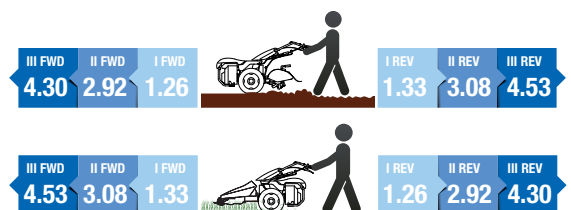
SAFETY DEVICES complying with the applicable regulations.



ATTACHMENTS AVAILABLE FOR 740

Rotavator, Precision Depth Roller, Power Harrow, Stone Burier, Rotary Plough, Single Plough, Reversible Plough, Cultivator Kit, Adjustable Ridger, Trailed Ridger, Tined Cultivator, Laser® Scythe Cutter Bar, Duplex Scythe Cutter Bar, Duplex Laser® Scythe Cutter Bar, Rotary Mower, Mulching Mower, Flail Mower, Hay Rake, Mini Baler, Buck Rake, Lawn Scarifier, Snow/Power Brush, Snow Blower, Snow Plough, Chipper Shredder, Stump Grinder, Brush with Collector, Leaf Blower, Dozer Blade, Wheel Barrow.

SPEEDS IN KM/H WITH 5.00-10 WHEELS



Engine	Power hp / kW	Speeds	Wheels	Brakes	Differential	Weight	Dimensions (L x W x H)
Briggs XR2100 Petrol Recoil Start	11.4 / 8.5	3 Forward 3 Reverse	5.00 x 10 Agri	Parking Brake and Steering Brakes	Locking Differential	112kg	200 x 58 (75) x 120cm
Honda GX390 Petrol Recoil Start	11.7 / 8.7					112kg	
Honda GX390 Petrol Electric Start						116kg	
Yanmar L100 Diesel Recoil Start						132kg	
Yanmar L100 Diesel Electric Start	10.0 / 7.4					140kg	

PowerSafe®

750



GEARBOX 3 forward and 3 reverse speeds.

QUICK REVERSER to change direction.

DIFFERENTIAL with lock.

POWERSAFE® CLUTCH with multiple discs in oil bath.

REINFORCED, INDEPENDENT POWER TAKE-OFF with engagement in oil bath.

REDUCTION UNITS on the wheels.

INDEPENDENT WORKING BRAKES on the two wheels.

PARKING BRAKE.

HANDLEBAR mounted on silent-blocks, adjustable for height and sideways, and reversible.

IMPLEMENT QUICK COUPLING as standard.

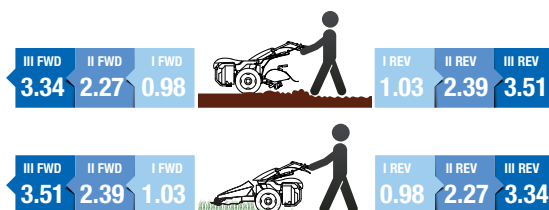
SAFETY DEVICES complying with the applicable regulations



ATTACHMENTS AVAILABLE FOR 750

Rotavator, Precision Depth Roller, Power Harrow, Stone Burier, Rotary Plough, Single Plough, Reversible Plough, Cultivator Kit, Adjustable Ridger, Trailed Ridger, Tined Cultivator, Laser® Scythe Cutter Bar, Duplex Scythe Cutter Bar, Duplex Laser® Scythe Cutter Bar, Rotary Mower, Mulching Mower, Flail Mower, Hay Rake, Mini Baler, Buck Rake, Lawn Scarifier, Snow/Power Brush, Snow Blower, Snow Plough, Chipper Shredder, Stump Grinder, Brush with Collector, Leaf Blower, Dozer Blade, Wheel Barrow.

SPEEDS IN KM/H WITH 6.50-12 WHEELS



Engine	Power hp / kW	Speeds	Wheels	Brakes	Differential	Weight	Dimensions (L x W x H)
Honda GX390 Petrol Recoil Start	11.7 / 8.7	3 Forward 3 Reverse	6.50 x 12 Agri	Parking Brake and Steering Brakes	Locking Differential	134kg	210 x 67 (75) x 120cm
Kohler KD440 Diesel Recoil Start	10.1 / 7.4					149kg	
Kohler KD440 Diesel Electric Start						154kg	

PowerSafe®

770HY

HYDROSTATIC TRANSMISSION with 2-speed ranges (slow/fast) in both forward and reverse drive.

DIFFERENTIAL with lock.

POWERSAFE® CLUTCH with multiple discs in oil bath.

INDEPENDENT POWER TAKE-OFF with engagement in oil bath.

INDEPENDENT WORKING BRAKES on the two wheels with cast iron drums.

PARKING BRAKE.

HANDLEBAR mounted on silent-blocks, adjustable for height and sideways, and reversible.

SAFETY DEVICES complying with the applicable regulations.





Starter	Power hp / kW	Speeds	Wheels	Brakes	Differential	Weight	Dimensions (L x W x H)
Honda GX390 Petrol Recoil Start	11.7 / 8.7	Fast Range and Slow Range	5.00 x 10 Agri	Parking Brake and Steering Brakes	Locking Differential	138kg	200 x 58 (75) x 120cm
Honda GX390 Petrol Electric Start						142kg	
Yanmar L100 Diesel Recoil Start	10.0 / 7.4					158kg	
Yanmar L100 Diesel Electric Start						166kg	

ATTACHMENTS AVAILABLE FOR 770HY

Rotavator, Precision Depth Roller, Power Harrow, Stone Burier, Rotary Plough, Single Plough, Reversible Plough, Cultivator Kit, Adjustable Ridger, Trailed Ridger, Tined Cultivator, Laser® Scythe Cutter Bar, Duplex Scythe Cutter Bar, Duplex Laser® Scythe Cutter Bar, Rotary Mower, Mulching Mower, Flail Mower, Hay Rake, Mini Baler, Buck Rake, Lawn Scarifier, Snow/Power Brush, Snow Blower, Snow Plough, Chipper Shredder, Stump Grinder, Brush with Collector, Leaf Blower, Dozer Blade, Wheel Barrow.

SPEEDS IN KM/H WITH 5.00-10 WHEELS



The BCS 770HY Two Wheel Tractor features a hydrostatic transmission that can be continuously adjusted with two speed ranges.

With a single lever on the handlebar, the operator can continuously vary the speed and direction of the machine, this means an unlimited amount of gears are available for all operating requirements.

The lever control ensures high operation comfort especially during greens maintenance, snow removal and typical municipality use, which involves many direction changes.

The compact hydrostatic pump-engine unit is made of light alloy so that the machine can be easily manoeuvred and positioned on the gearbox.

Characterised by a high pressure circuit which is separate from that of the PowerSafe® clutch, the machine is fitted with an axial-centrifugal fan to cool the hydrostatic unit.

ATTACHMENTS

As a dependable working tool you will find that BCS PowerSafe® Two Wheel Tractors are unrivalled in their versatility and functionality, offering excellent value for money as they take the place of many single purpose machines.

You can be confident that your BCS Two Wheel Tractor will not only meet your demands but will save you considerable time and effort. The results speak for themselves, and once you have seen what can be achieved you will wonder how you ever managed without a BCS Two Wheel Tractor.



ROTAVATOR



OVERVIEW

A high rotor speed and a proven blade design will produce a fine seed bed finish and prepare perfect ground for growing. A centre knife breaks up the middle ground ensuring the entire width is rotavated, and heavy-duty J-shaped blades help to prevent formation of a hard pan.

WORKING WIDTHS

46cm • 52cm • 66cm • 80cm • 85cm

FEATURES

- Transmission with gears in oil bath.
- Adjustable working depth (not 46cm model) to a maximum of 20cm, or 23cm for the 85cm model.
- The working width can be adjusted by changing the number of tines and the width of the cover (not 46cm model).
- Safety guard for operator safety.
- Optional transport wheel available.



PRECISION DEPTH ROLLER



OVERVIEW

This versatile accessory transforms the BCS 66cm and 80cm Rotavators into a hybrid attachment that combines the final bed preparation and cultivating advantages of a Power Harrow with the vegetation-chopping and groundbreaking abilities of a Rotavator. It's the perfect tool for preparing the ground prior to turfing or re-seeding.

WORKING WIDTHS

66cm • 80cm

FEATURES

- Full-width roller can easily adjust the rotavator's digging depth through 16 settings from 12mm to 175mm.
- As the rotavator digs, the roller gently compacts the soil surface leaving a ready-to-plant seedbed.
- Helps to preserve the soil structure and prevent a hard pan.
- Cost effective option for undertaking shallow rotavating.



POWER HARROW



OVERVIEW

Vertical counter-rotating tines level and prepare surfaces for seeding or turfing. Ideal for use on bare ground without grass, the Power Harrow gently compacts the soil and does not invert it. The Power Harrow offers a choice of rear roller - mesh for use in dry conditions, cage for use in wet conditions, or solid for crushing the soil surface.

WORKING WIDTHS

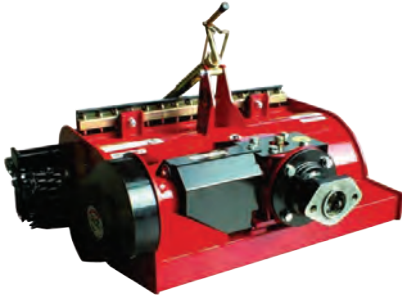
60cm • 75cm

FEATURES

- Heavy duty vertically rotating blades - 6 on the 60cm and 10 on the 75cm.
- Adjustable precise digging depth from 2-13cm (60cm) or 2-16cm (75cm).
- Adjustable removable levelling blade.
- Drop seeder available for 75cm model.
- Choice of roller - mesh, solid, or cage.



STONE BURIER



OVERVIEW

Horizontal counter-rotating tines mill the ground whilst vertical grading rods trap stones and debris, effectively allowing soil to bury it. In a single pass the result is a fine level cultivated surface ready for turving or seeding. The Stone Burier has choice of rear roller - mesh for use in dry conditions, cage for use in wet conditions, or solid for crushing the soil surface.

WORKING WIDTH

62cm

FEATURES

- 16 heavy duty horizontally rotating blades.
- Adjustable digging depth from 2cm to 12cm.
- Choice of rear roller - mesh, solid, or cage.



ROTARY PLOUGH SINGLE



OVERVIEW

The powered Rotary Plough is unbeatable for breaking up the hardest ground, easily ploughing through even uncultivated earth. A vertical shaft with four blades rotates to dig through the earth and discharge it to the side. This is the ideal tool for building raised beds, creating ditches for drainage, covering crops, or simply breaking up ground.

WORKING DEPTH

Up to 30cm

FEATURES

- Single rotor discharges soil to the right.
- A removable side flap and adjustable top cover adjust the discharge.
- Horizontal corkscrew action of blades causes little or no hardpan.
- Rear wheel is used to easily adjust working depth to 30cm and helps with transportation.
- Fitted with safety guard for operator's safety.



ROTARY PLOUGH REVERSIBLE



OVERVIEW

As with the Single Rotary Plough, the Reversible (or Swivel) Plough is unbeatable for breaking up the hardest ground. However, this Plough has a second ploughshare which, by means of a simple lever, can be engaged at the end of each row. The Reversible Plough is ideal for confined spaces or sloping ground.

WORKING DEPTH

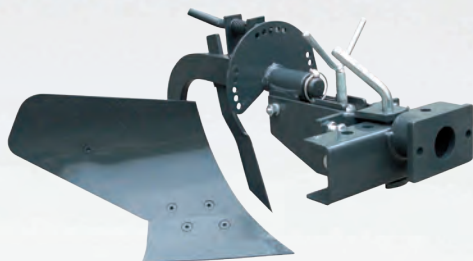
Up to 30cm

FEATURES

- Two rotors can discharge to the left or right.
- The rotors can be easily changed via a lever on the back of the plough.
- Horizontal corkscrew action of blades causes little or no hardpan.
- Rear wheel is used to easily adjust working depth to 30cm and helps with transportation.
- Fitted with safety guards for operator's safety.



SINGLE PLOUGH



OVERVIEW

The Single Plough is similar to a traditional plough in that it has a single solid mouldboard tipped with a ploughshare, which rolls the soil up and off to the right hand side. Suitable for ploughing previously cultivated ground this plough is ideal for "wintering over" once the crop has been lifted.

WORKING WIDTH

20cm

FEATURES

- Easily adjustable ploughing depth up to 20cm.
- Plough can be easily pivoted at the end of the row to create and work in a single furrow.
- Coulters in front of the mouldboard cuts through soil first.
- Spade lug wheels or wheel weights are recommended for the power unit if additional traction is required.



REVERSIBLE PLOUGH - SOLID



OVERVIEW

The Reversible Plough is the ideal tool for "wintering over" once the crop has been lifted. The Reversible Solid Mouldboard Plough has two ploughshares which are mounted one over the other, one rolls the earth to the left and the other rolls it off to the right.

WORKING WIDTHS

20cm

FEATURES

- Two ploughshares pivot at the end of the row to create and work in a single furrow.
- A coulters at the front of the plough cuts through soil first.
- Spade lug wheels or wheel weights are recommended for the power unit if additional traction is required.



CULTIVATOR KIT



OVERVIEW

This versatile toolbar kit includes a frame onto which a slatted mouldboard reversible plough, a potato lifter and an adjustable ridger can be fitted. It only takes a few minutes to change from one head to another and offers great value for money.

WORKING WIDTHS

Mouldboard widths: 12½cm • 15¼cm

FEATURES

- Available in two sizes for different power units.
- Kit comprises a slatted mouldboard reversible plough, an adjustable ridger, and a potato lifter.
- Easy to change between implements.
- Unbeatable value for money.



ADJUSTABLE RIDGER



OVERVIEW

The Adjustable Ridger is ideal for “earthing up” and for creating ridges and furrows in previously cultivated ground. Unlike the Trailed Ridger, the Adjustable Ridger fits to the power unit and is designed to be used after the seedbed has been prepared with the Rotavator.

WORKING WIDTH

Up to 38½cm

FEATURES

- Attaches directly to power unit with a toolbar.
- Wings can be adjusted up to create ridges up to 38½cm wide.
- Ridge depth is adjustable by opening the mouldboards.
- Spade lug wheels or wheel weights are recommended for the power unit if additional traction is required.



REVERSIBLE PLOUGH - SLATTED



OVERVIEW

The Reversible Plough is the ideal tool for “wintering over” once the crop has been lifted. The plough works by turning over topsoil to bring subsoil to the top and bury weeds etc to speed up decomposition.

WORKING WIDTHS

12½cm • 15¼cm

FEATURES

- Produces less resistance than the solid version so can be used on smaller power units.
- A single lever changes direction at the end of the row.
- Spade lug wheels or wheel weights are recommended for the power unit if additional traction is required.
- Larger version available for use with bigger power units.



TRAILED RIDGER



OVERVIEW

The Trailed Ridger is ideal for “earthing up” and for creating ridges and furrows in previously cultivated ground. The Trailed Ridger attaches to the Rotavator attachment with a simple hitch pin.

WORKING WIDTH

Up to 56cm

FEATURES

- Fits into rotavator to enable simultaneous digging and furrowing.
- Adjustable wings for creating furrow widths from 30cm to 56cm.
- Furrow depth can be altered via adjusting shoe on the ridger.



TINED CULTIVATOR



OVERVIEW

The tines drag through the soil helping to loosen and remove weeds. Perfect for inter-row weeding, adjustable for width and depth, and available with straight or spring tines. A self-regulating version is also available which ensures tines stay parallel when adjusting the width.

AVAILABLE VERSIONS

3 Tined • 5 Tined • 7 Tined

FEATURES

- Available in 3, 5, and 7 tined versions.
- Self regulating 5 Tined Cultivator available.
- Spring tines available for the 5 and 7 Tined Cultivators.
- Spade lug wheels or wheel weights are recommended for the power unit if additional traction is required.



LASER® SCYTHE CUTTER BAR



OVERVIEW

The Laser® Scythe Cutter Bar will cut dense vegetation of any height up to 25mm thick. Anti-clog serrated blades effortlessly cut through woody material such as brambles, as well as green vegetation. A single scissor-like cut at base of vegetation leaves the material in one piece making this the perfect tool for helping to create and maintain wildflower meadows.

WORKING WIDTHS

80cm • 100cm • 115cm • 135cm • 155cm

FEATURES

- Anti-clog serrated blades effortlessly cut vegetation up to 25mm diameter.
- Simple to adjust cutting height from 20mm to 80mm via skids on the cutter bar.
- Anti-wheel wrap cover to prevent vegetation wrapping around wheel axles.
- Long or short oil bath drive available - the long oil bath is recommended for diesel and larger petrol engine machines.



DUPLEX SCYTHE CUTTER BAR



OVERVIEW

Both the top and bottom sets of blades move from side to side helping to reduce vibration. This scythe can be used faster than the standard scythe making it perfect for larger areas. It is fantastic for grasses and meadow areas, but not as effective as the standard scythe at cutting woody material such as brambles.

WORKING WIDTHS

120cm • 150cm

FEATURES

- Anti-clog serrated blades effortlessly cut vegetation up to 25mm diameter.
- Excels at cutting tall grass and wildflowers.
- Top and bottom blades both move in opposite directions.
- Self-adjusting spring-loaded tensioners ensure constant pressure between both sets of blades.
- Produces less vibration than Laser® Scythe Cutter Bar.



DUPLEX LASER® SCYTHE CUTTER BAR



OVERVIEW

The Duplex Laser® Scythe Cutter Bar combines all the advantages of both the standard Laser® Scythe and the Duplex Scythe, to provide a scythe cutter bar with low vibration, and a faster cutting speed, that can be used for cutting and clearing all types of overgrown vegetation.

WORKING WIDTH

130cm

FEATURES

- Produces less vibration than Laser® Scythe Cutter Bar.
- Anti-clog serrated blades effortlessly cut vegetation up to 25mm diameter.
- Excels at cutting all types of overgrown vegetation.
- Top and bottom blades both move in opposite directions.
- Self-adjusting spring-loaded tensioners ensure constant pressure between both sets of blades.



ROTARY MOWER 56CM



OVERVIEW

The 56cm BCS Rotary Mower has both collection and side discharge options. Collection is extremely effective, even with wet grass, and the large collection bag is very easy to empty. The cutting height is adjusted in seconds with an easy to use lever.

WORKING WIDTH

56cm

FEATURES

- Single blade.
- Adjustable cutting height from 40mm to 70mm.
- 60L collection bag.
- Swivelling front castor wheels for easy manoeuvrability.
- Can be used as side ejection without collection, or with the easy-to-remove collection bag.
- Automatic blade brake.



ROTARY MOWER 100CM



OVERVIEW

The 100cm BCS Rotary Mower has both collection and side discharge options. Collection is extremely effective, even with wet grass, and the large collection bag is very easy to empty. The cutting height is adjusted in seconds with an easy to use lever.

WORKING WIDTH

100cm

FEATURES

- Twin swing tip blades.
- Adjustable cutting height from 60mm to 100mm.
- 160L collection bag.
- Swivelling front castor wheels for easy manoeuvrability.
- Can be used as side ejection without collection, or with the easy-to-remove collection bag.
- Automatic blade brake.



MULCHING MOWER



OVERVIEW

The BCS Mulching Mower is ideal for managing rough grass areas without the need for collecting. The free swinging disc mounted blade provides protection from hitting unseen objects. The cutting height is adjustable and so are the front castor wheels.

WORKING WIDTH

80cm

FEATURES

- Single heavy-duty blade.
- Adjustable cutting height via spacers on the blade.
- Mower can either run on front castor wheels or on skids on the side of the deck.
- Material is discharged onto the ground with a regular spread pattern.



FLAIL MOWER



OVERVIEW

The Berta Flail Mower will effortlessly cut the toughest vegetation without collecting. Overlapping blades and a high cutting speed provide a fantastic mulch and finish. The flail is very efficient and cuts vegetation faster than a mulching or rotary mower helping to make it our best selling grass cutter.

WORKING WIDTHS

65cm • 85cm

FEATURES

- Heavy duty free swinging blades fitted to a horizontal roller.
- Cutting height through 5 positions from 10mm to 60mm.
- Individually hinged front protection flaps prevent debris from being expelled forward.
- Full width rear roller helps to prevent unnecessary scalping of the ground.
- Wide open front ensures material reaches the blades.



HAY RAKE



OVERVIEW

The Hay Rake is fantastic for rowing-up meadow grass and wildflowers especially after using the Scythe. The spring tines sweep the cut grass into rows for easy collection or baling, and the unit pivots to follow the contours of the ground. It saves huge amounts of time over hand raking.

WORKING WIDTHS

105cm • 125cm

FEATURES

- Two options available - steering arm for use with Two Wheel Tractors, and castor wheels best suited for the Commander.
- Easily adjustable height settings.
- Adjustable catching arm to control the width of the windrow.
- Can also be used as a tedder to respread material.



MINI BALER



OVERVIEW

After rowing-up your cut grass with the Hay Rake, use the Baler to create mini round bales. Whether you need to remove the material from site or sell the grass as hay, this baler will do it. The unit will create easy to manage mini round bales from a variety of material from grasses to reeds.

BALE SIZE

50cm x 58cm

FEATURES

- Working pickup width of 70cm.
- Bale size of approximately 50cm x 58cm weighing roughly 22kg.
- Bales are bound with net wrap (included) which takes just a few seconds.
- Up to 80 bales, approximately 1,500kg, can be output per hour.
- Optional gathering wheels available which effectively widen the gathering width of the machine.



BUCK RAKE



OVERVIEW

The Buck Rake is designed to gather and transport hay, grass and other light materials. The working angle of the Buck Rake can be adjusted to suit the terrain and the material being collected. The Buck Rake makes moving large volumes of grass quick and easy, especially when used in conjunction with the Hay Rake.

WORKING WIDTH

100cm

FEATURES

- Adjustable working angle to suit terrain, material, and wheel size.
- Suitable for moving grass, hay etc up to 50kg.
- 8 heavy duty tines with hardened steel bullet-style tips.
- Working width of 100cm.



LAWN SCARIFIER



OVERVIEW

The Lawn Scarifier easily removes thatch encouraging grass to grow thicker and healthier, whilst also helping grass receive better access to water and oxygen so aiding in deeper root growth. The “waisted” blades provide unbeatable performance and maximum coverage with each pass.

WORKING WIDTH

65cm

FEATURES

- 48 free-swinging blades on three vertically rotating rods.
- Staggered blade layout provides maximum coverage.
- Swivel joint near the PTO connection has a floating feature to follow ground contours.
- Fast and precise height adjustment via the front roller.
- Spring rake and fixed blade cartridges also available.



CHIPPER SHREDDER



OVERVIEW

Turn branches and prunings into recyclable mulch. This unit has the benefit of separate infeed chutes - a chipping chute with a steel chipping blade for branches and woody material and a shredding chute with 28 swinging flails for brush and green waste.

CAPACITY

Chipping: 7cm • Shredding: 1¼cm

FEATURES

- Chipping diameter of 7cm and shredding capacity of 1¼cm.
- Adjustable legs for stabilising the chipper shredder during operation.
- Front castor wheels for easier manoeuvrability.
- Safety grille and rubber flap fitted to discharge area.
- High carbon steel chipping blade.



STUMP GRINDER



OVERVIEW

This extremely tough stump grinder is ideal for grinding stumps of any diameter. The grinding disc is fitted with 8 heavy-duty replaceable carbide cutting teeth and a removable transport wheel ensures easy manoeuvrability.

WORKING HEIGHT

Above & Below Ground: 23cm

FEATURES

- Fitted with 8 tungsten carbide teeth.
- Steel grinding disc is 25½cm in diameter and 12mm thick.
- Cast iron gearbox with fully hardened gears and shafts supported by ball bearings in a full oil bath.
- Can grind stumps up to 23cm above ground down to 23cm below ground.
- Removable transport wheel for easy manoeuvrability.



BRUSH WITH OPTIONAL COLLECTOR



OVERVIEW

This 100cm Power Brush is ideal for sweeping streets, courtyards, lawns, moss clearance, and snow. The brush is fitted with hard wearing polypropylene bristles which are mounted on rollers, and has the added advantage of having a large optional collector.

WORKING WIDTH

100cm

FEATURES

- Optional collection bag.
- Swivel castor wheels for easy manoeuvrability.
- Brush can be angled to the left, right, or straight ahead.
- Floating head to follow the ground contours.
- Fitted with hard wearing polypropylene bristles.



LEAF BLOWER



OVERVIEW

This powerful self-propelled Leaf Blower is perfect for moving leaves and other light surface debris. The output chute is easily adjustable for both direction and distance and the “freewheel” feature ensures that when the power unit wheels are disengaged the pressure from the fan will not back-drive the power unit.

AIR VOLUME

Up to 36m³ per minute (1,300cfm)

FEATURES

- The air output chute can rotate through 180° and at the end of the chute the flap can be adjusted up and down.
- Very strong construction with all steel housing and fan.
- Front swivel castor wheel for easy manoeuvrability.
- Delivers up to 36m³ of air per minute.



DOZER BLADE



OVERVIEW

The Dozer Blade can be angled through 5 positions and is ideal for moving and dozing gravel, sand, earth, and other small debris, and for levelling ground. The inverted position allows the blade to push or pull material and the blade is fixed to prevent floating, so ensuring maximum levelling performance.

WORKING WIDTH

100cm

FEATURES

- The blade can be easily angled through 5 positions - left, right, or straight ahead.
- The blade is fixed to the mount to ensure maximum levelling performance.
- The inverted position of the blade enables it to push and pull material equally well.
- Wheel weights are recommended where additional traction is required.



WHEEL BARROW



OVERVIEW

This front tipping Wheel Barrow is manufactured from heavy duty poly and is ideal for transporting loads up to 125kg. Large front castor wheels enable easy manoeuvrability and a simple lever allows the barrow to be manually tipped.

CARRYING CAPACITY

125kg

FEATURES

- Body is made of rust resistant heavy-duty poly.
- Capable of transporting loads of up to 125kg.
- Simple tipping mechanism to unload barrow.
- Large front swivel castor wheels for easy manoeuvrability.
- Ideal for bulky items such as logs, compost, garden waste etc.



POWER/SNOW BRUSH



OVERVIEW

The BCS Power/Snow Brush is the ideal tool for many different sweeping applications including leaves, moss, mud and more from a large variety of surfaces from tennis courts to block paving. It also excels as a snow brush, easily clearing snow up to 10cm deep to leave a clear, safe surface.

WORKING WIDTHS

80cm • 100cm

FEATURES

- Easy to angle with three positions - left, right, or straight ahead.
- Bristles are made of hard-wearing polypropylene and are replaceable in sections.
- Rear castor wheels assist with manoeuvrability and are used to adjust the height of the brush.
- Brush will pivot to follow ground contours so can be used on uneven surfaces.



SNOW BLOWER



OVERVIEW

The Snow Blower has a rotating auger that breaks up snow up to 40cm deep and propels it up to 16m away. The discharge chute can be easily angled to control the direction and the distance is regulated via the adjustable top flap. It's the best tool for clearing snow on gravel driveways or paths.

WORKING WIDTHS

60cm • 70cm

FEATURES

- The auger rotates at 1200rpm to break up even compacted snow.
- Discharge chute is easy to angle and rotates through 180° to control direction of discharge.
- Adjustable flap on top of the discharge chute regulates the distance snow is discharged.
- Working height is easily adjusted up to 5cm via rear skids.



SNOW PLOUGH



OVERVIEW

The curved design of the snow plough means that snow up to 30cm deep is pushed up and rolled away creating a clear walkway. The plough can be angled to the left, right, or straight ahead and runs on saucer-shaped skids, or optional castor wheels, at the rear.

WORKING WIDTH

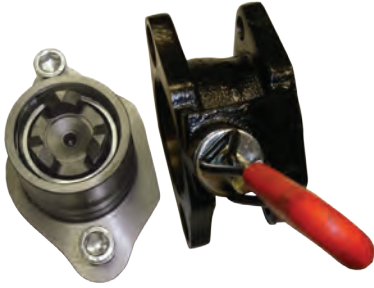
100cm

FEATURES

- Curved blade helps to roll the snow up and off to either side.
- Easy to angle through 5 positions - left, right or straight ahead.
- Blade floats to follow contours of the ground.
- Height is easily adjustable via skids.
- Optional castor wheels available instead of skids.
- Optional polypropylene wear strip for use on delicate surfaces.



IMPLEMENT QUICK COUPLING



The implement quick coupling assembly is an optional extra that enables implements to be changed quickly and without the need for any tools. This is very useful for when multiple implements are regularly used.

ADDITIONAL COUPLING



When using the optional implement quick coupling assembly, an additional coupling would be required for all extra powered implements, eg rotavator or scythe.

BLANK COUPLING



When using the optional implement quick coupling assembly, a blank coupling would be required for all extra non-powered implements, eg dozer blade or single plough.

ADDITIONAL COUPLING (BCS 750)



Specifically for the BCS 750 power unit only, this additional coupling is required for all extra powered implements, eg rotavator or scythe. A blank coupling is required for all non powered implements.

IMPLEMENT EXTENSION



If extra distance is required between the power unit and the implement, the implement extension will add an additional 8cm (3") distance. It can help with balance, and if larger wheels are fitted and extra distance is required.

WHEEL SPACERS



Where additional stability may be required the wheel spacers can be bolted to the wheel hubs to push the wheels out by 6cm (2½") each side. Up to two pairs can be fitted on each wheel.

WHEELS



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

Floatation Wheel: For use on soft ground. The widened profile allows greater floatation and minimum soil compaction. Ideal for greens maintenance.

Spade Lug Wheel: For use on ground where traction is difficult. The crosspieces penetrate the earth to provide better traction especially when ploughing.

Lug Wheel: The clawed profile allows a good grip but with less soil compaction.

Turf Wheel: For greens maintenance on quality surfaces, the low compaction profile protects the lawn.

Agricultural Wheel: The clawed profile also allows a good grip on hard and soft grounds.

ADJUSTABLE WHEEL SPACERS



These spacers are available in two sizes and simply bolt to the wheel hubs so the wheel width can be adjusted from 1cm to 15cm, or from 1cm to 25cm.

TWIN WHEEL KIT



The twin wheel kit includes an additional pair of wheels plus all the fixings required to double-up a pair of single wheels. They are ideal for providing extra stability and traction where the machine is being used on slopes.

WHEEL WEIGHTS



The weights are fixed to the wheel hubs to weigh down the machine and provide greater traction and enhanced performance and safety. They are very useful when ploughing and ridging and are available in 11kg and 15kg.

ENGINE WEIGHT KIT



The weights fix to the engine protection and provide between 5kg and 15kg of additional weight. The weights are bolted together so can easily be added or removed as required.

OLD TO NEW COUPLERS



There are two types of coupler - the old machine to new implement coupler converts the spline shaft of an older power unit so it can operate the current implements with the 3-dog coupling, or the new machine to old implement coupler allows old implements to be used on new power units.

ROTAVATOR TRANSPORT WHEEL



The transport wheel simply slots into the hole in the back of the rotavator attachment to make moving the machine around site easier and faster. It is suitable for all the rotavators.

TRACTOR PTO COUPLER



The Tractor PTO Coupler converts the BCS PTO to a 6-spline allowing the power unit to operate certain low power, stationary implements. It is important to note that the the BCS power units run at 990rpm.

PTO MULTIPLIER



The PTO Multiplier allows implements that require a faster rpm to be operated by the BCS power unit.

IMPLEMENT WEIGHTS



Add this weight to implements to help balance them with the power unit/engine. Suitable for snow blower, dozer blade, snow plough and wheel barrow. For other implements please contact us.

TECHNICAL FEATURES

	Engine	Fuel	Starter	Power HP / kW	Gearbox	Speeds FWD/REV	Km/hr FWD/REV
710 PowerSafe®	Honda GX270	Petrol	Recoil	8.4 / 6.3	Mechanical, with gears and worm screw in oil bath.	1 + 1	F: 1.05 R: 2.68
728 PowerSafe®	Honda GP160	Petrol	Recoil	4.8 / 3.6	Mechanical, with gears and worm screw in oil bath.	3 + 3	F: 1.14 2.63 3.88
	Honda GX200	Petrol	Recoil	5.8 / 4.3			R: 1.20 2.77 4.08
738 PowerSafe®	Honda GX270	Petrol	Recoil or electric	8.4 / 6.3	Mechanical, with gears and worm screw in oil bath.	3 + 3	F: 1.26 2.92 4.30 R: 1.33 3.08 4.53
	Honda GX340	Petrol	Recoil	10.7 / 8.0			
	Kohler KD350	Diesel	Recoil	6.8 / 5.1			
740 PowerSafe®	Honda GX390	Petrol	Recoil or electric	11.7 / 8.7	Mechanical, with gears and worm screw in oil bath.	3 + 3	F: 1.26 2.92 4.30 R: 1.33 3.08 4.53
	Briggs & Stratton XR2100	Petrol	Recoil	11.4 / 8.5			
	Yanmar LN100	Diesel	Recoil or electric	10.0 / 7.4			
750 PowerSafe®	Honda GX390	Petrol	Recoil	11.7 / 8.7	Mechanical, with gears and worm screw in oil bath.	3 + 3	F: 0.98 2.27 3.34 R: 1.03 2.39 3.51
	Kohler KD440	Diesel	Recoil or electric	10.1 / 7.4			
770^{HY} PowerSafe®	Honda GX390	Petrol	Recoil or electric	11.7 / 8.7	Hydrostatic with final worm screw reduction in oil bath.	2-speed ranges (slow/fast) in both FWD and REV	F: Slow up to 4.3 Fast up to 6.4 R: Slow up to 3.9 Fast up to 5.7
	Yanmar LN100	Diesel	Recoil or electric	10.1 / 7.4			

Quick reverser	Clutch	Brakes	Differential	PTO	Handlebars	Wheels	Safety devices	Weight
Yes, with mechanical control on the handlebar.	PowerSafe® hydraulic with manual control.	Parking brake.	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 x 8	In compliance with regulation EN 709/A4	83kg
Yes, with mechanical control on the handlebar.	PowerSafe® hydraulic with manual control.	Parking brake.	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 x 8	In compliance with regulation EN 709/A4	76kg
								82kg
Yes, with mechanical control on the handlebar.	PowerSafe® hydraulic with manual control.	Parking brake.	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.	5.00 x 10	In compliance with regulation EN 709/A4	100kg / 102kg
								106kg
								116kg
Yes, with mechanical control on the handlebar.	PowerSafe® hydraulic with manual control.	Independent work brake on the two wheels and parking brake.	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.	5.00 x 10	In compliance with regulation EN 709/A4	112kg / 116kg
								112kg
								132kg / 140kg
Yes, with mechanical control on the handlebar.	PowerSafe® hydraulic with manual control.	Independent work brake on the two wheels and parking brake.	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.	6.50 x 12	In compliance with regulation EN 709/A4	134kg
								149kg / 154kg
Yes, by hydrostatic unit.	PowerSafe® hydraulic with manual control.	Independent work brake on the two wheels and parking brake.	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.	5.00 x 10	In compliance with regulation EN 709/A4	138kg / 142kg
								158kg / 166kg

COMPATIBILITY TABLE

IMPLEMENT	DETAILS	710	728	738	740	750	770HY
ROTAVATOR	46cm (18")	●	●				
	52cm (20")	●	●	●			
	66cm (26")			●	●	●	●
	80cm (32")				●	●	●
	85cm (34") - petrol					●	
	85cm (34") - diesel					●	
PRECISION DEPTH ROLLER	66cm (26")			●	●	●	●
	80cm (32")				●	●	●
POWER HARROW	60cm (24")				●	●	●
	75cm (30")				●	●	●
STONE BURIER	62cm (24")				●	●	●
ROTARY PLOUGH	Single			●	●	●	●
	Reversible				●	●	●
SINGLE PLOUGH				●	●	●	●
REVERSIBLE PLOUGH	5" Slatted Mouldboard		●	●	●		●
	6" Slatted Mouldboard				●	●	●
	Solid Mouldboard			●	●	●	●
CULTIVATOR KIT	5" Kit		●	●	●		●
	6" Kit				●	●	●
ADJUSTABLE RIDGER			●	●	●	●	●
TRAILED RIDGER		●	●	●	●	●	●
TINED CULTIVATOR	3 Tined Adjustable Straight		●	●			
	5 Tined Adjustable Straight			●	●	●	●
	5 Tined Adjustable Spring			●	●	●	●
	5 Tined Self Regulating Straight			●	●	●	●
	5 Tined Self Regulating Spring			●	●	●	●
	7 Tined Adjustable Straight			●	●	●	●
	7 Tined Adjustable Spring			●	●	●	●

IMPLEMENT	DETAILS	710	728	738	740	750	770HY
LASER® SCYTHE CUTTER BAR	80cm (32")	●	●	●			
	100cm (40")	●	●	●			
	115cm (45")	●	●	●	●	●	●
	135cm (53")			●	●	●	●
	155cm (61")				●	●	●
DUPLEX SCYTHE CUTTER BAR	120cm (47")			●	●	●	●
	150cm (59")				●	●	●
DUPLEX LASER® SCYTHE CUTTER BAR	130cm (51")			●	●	●	●
ROTARY MOWER	56cm (22")		●	●			
	100cm (40")				●	●	●
MULCHING MOWER	80cm (32")			●	●	●	●
FLAIL MOWER	65cm (25")			●	●	●	●
	85cm (33")				●	●	●
HAY RAKE	100cm (40")	●	●	●	●	●	●
	120cm (47")			●	●	●	●
MINI BALER					●	●	●
BUCK RAKE	100cm (40")			●	●	●	●
LAWN SCARIFIER	65cm (25")			●	●	●	●
CHIPPER SHREDDER	7cm (2¾")			●	●	●	●
STUMP GRINDER					●	●	●
POWER/SNOW BRUSH	80cm (32")	●	●	●	●	●	●
	100cm (40")			●	●	●	●
POWER BRUSH WITH COLLECTOR	100cm (40")				●	●	●
LEAF BLOWER				●	●	●	●
DOZER BLADE	100cm (40")	●	●	●	●	●	●
WHEEL BARROW	125kg Capacity			●	●	●	●
SNOW BLOWER	60cm (24")	●	●	●			
	70cm (28")			●	●	●	●
SNOW PLOUGH	100cm (40")	●	●	●	●	●	●

OUR SERVICES



SPARE PARTS

Normally available from stock, we carry a complete range of original spare parts for all our machines.



TECHNICAL SUPPORT

Our technical team are available during office hours to provide a telephone support service to keep you running.



WARRANTY

Our warranty periods reflect the build quality of our machines; namely 3 years for domestic and 2 years for commercial use.



NATIONWIDE SUPPORT

We have a nationwide network of authorised dealers who offer both pre- and post-sales support and services.



M A D E I N I T A L Y



The information indicated in this brochure is not binding. The models described may be modified, without notice, by the manufacturer. The drawings and photos may refer to equipment that is optional. Spare parts and machine availability is subject to stock. Engine power figures are maximum net output at 3600rpm. Actual engine performances may be affected by accessories (intake and exhaust line, charging, cooling fan, etc.), application, ambient operating conditions (temperature, humidity, and altitude) and other factors.

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