



Accomplish More



**TRACMASTER**

*The landscape machinery specialists*

Visit [www.tracmaster.co.uk](http://www.tracmaster.co.uk)  
for video clips of the  
BCS Two Wheel Tractors and  
implements in action



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## About Us

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Tracmaster has been supplying [BCS machines](#) since 1984, and BCS has been manufacturing since 1943, giving you a combination of unbeatable experience and outstanding customer service.

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## Two Wheel Tractors

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Whether you are a smallholder or a professional landscaper, [BCS Two Wheel Tractors](#) have the solution for you. All units in this range now include the patented PowerSafe® hydraulic clutch.

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## Crusader Power Scythes

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[BCS Crusader Power Scythes](#) are versatile and powerful machines that can be used for a wide variety of different applications. These superb units are compact and very manoeuvrable.

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## Commander Mowers

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[BCS Commander Mowers](#) are complete grassland management machines, effortlessly cutting vegetation, even on banks up to 40°. The range also includes a hydrostatic drive machine.

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## Implements

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[BCS Implements](#) are separated into four categories: ground cultivation, grass cutting and clearing, snow clearing, and maintenance. So there's an implement for almost every task.

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## Choosing a Power Unit

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The [BCS Range](#) offers a machine for almost every ground preparation and grass cutting task, but which power unit is best for your application? This section is designed to help you decide.

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## Accessories

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[BCS Accessories](#) include everything from couplers to wheels. This section describes each item and which power units they are suitable for.

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# TRACMASTER

*The landscape machinery specialists*

## About Tracmaster

Established in 1984, Tracmaster has built a reputation for supplying high quality machinery and providing excellent customer service. We have been the sole distributor for BCS pedestrian machines in the UK since our formation.

### Solutions

We understand that purchasing machinery is an important decision and one that requires careful consideration.

We recommend speaking to our experienced sales staff who are able to offer valuable advice to help you choose the most suitable machine for your needs. There are many different factors to consider, most importantly the types of work you plan to carry out and the environment that you are working in.

### Support

At Tracmaster we have a dedicated Technical Support and Service department who are only a quick phone call away to help solve any problems. We also provide nationwide backup from our network of authorised dealers, ensuring there is always support, no matter where you are.

Should you require any spares, our stores team stock over 95% of parts and offer a next day service to help ensure your machine is kept up and running.

### Confidence

We believe that you can buy from Tracmaster with confidence, knowing that not only will you be purchasing a high quality product but that you will have the support from an experienced company should you need it.

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tracmasteruk	tracmaster	tracmasterltd	+tracmasterukltd	tracmaster-ltd	tracmaster	tracmasteruk	tracmaster.co.uk

## Warranty Information

The superior build quality of BCS machines is reflected in the length of warranty.

For domestic use we offer a 3-year warranty and for commercial use we offer a 2-year warranty.

The BCS **PowerSafe**® clutch has a 5-year warranty for both domestic and commercial users.

# About BCS

**Italian company BCS has been at the forefront of developing cutting edge agricultural machinery since its formation in 1943, when their founder developed a self-propelled motor mower.**

## Passion

In 1942, in a tiny workshop in Abbiategrasso, young engineer Luigi Castoldi devised the first mechanical BCS machine.

Today BCS is one of the world's largest manufacturers of pedestrian two wheel tractors and grass cutting machines, with three production plants in Italy, and sales offices and distributors in over 100 countries.

## Innovation

In state-of-the-art manufacturing facilities just outside Milan, BCS produces every individual component for their machinery.

The production process is accurate to within 0.01mm precision to ensure optimum quality and performance.

Every machine is assembled and tested to extremely strict standards.

## Commitment

BCS continues to lead the way in new technology 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.



BCS headquarters in Abbiategrasso, Italy



## Built from the ground up...

The results speak for themselves and once you have seen what can be achieved you will wonder how you managed to cope without your BCS Two Wheel Tractor.



# Two Wheel Tractors

## A Tool for Life

Whether you are a homeowner looking to cultivate your vegetable patch or a landscaper expanding your business, [BCS Two Wheel Tractors](#) have a solution for you.

## Build Quality

You will quickly find that [BCS Two Wheel Tractors](#) offer unmatched performance and reliability. An all gear drive system and top of the range engines are just two of the features that reflect the superior build quality.

## Functional

As a dependable working tool you will find that [BCS Two Wheel Tractors](#) are unrivalled in their versatility and functionality.

There are five models in the BCS range, some of which can be fitted with over 30 working implements. This means a huge variety of different types of work can be undertaken.

The versatility of [BCS Two Wheel Tractors](#) also means they offer excellent value for money, as they take the place of many single purpose machines.

You can be confident that your BCS machine 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 to cope without your [BCS Two Wheel Tractor](#).

## PowerSafe® Clutch

The PowerSafe® clutch is a new and unique development that puts [BCS Two Wheel Tractors](#) ahead of the competition both in terms of safety and reliability.

This patented hydraulic system gives the operator instant control over the machine and implement, ensuring maximum safety at all times.

Additionally the PowerSafe® clutch needs no maintenance or adjustment and is supported by a 5 year warranty.

No other [Two Wheel Tractor](#) in the world can offer the same level of safety or match the warranty period on the PowerSafe® clutch.

“ QUITE SIMPLY,  
THEY GET THE  
JOB DONE. ”

# Features & Benefits

## 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.

## ALL GEAR DRIVE SYSTEM

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



## 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 28-36.





### HANDLEBAR OFFSET

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

### • 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.



### POWERSAFE® CLUTCH

Supported by a 5 year warranty, this patented system gives the operator instant control over the machine and implement to ensure maximum safety at all times.



### • DIFFERENTIAL WITH LOCK

On the BCS 738, 740 & 750 locking the differential increases traction 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.



# Model Information



## BCS 710

The BCS 710 is a compact yet powerful machine that will not only effortlessly dig your vegetable patch, but will also allow you to cut dense vegetation, sweep away leaves and clear large areas of snow.

You will find it is simple to operate and easy to manoeuvre, so you can complete your tasks quickly and effortlessly.

Engine	Fuel	Starter	Net Power	Fuel Consumption	No of Speeds	Km/hr	Wheels	Brakes	Differential	Weight
Honda GX270	Petrol	Recoil	6.3kW 8.4hp	2.4L / hr	1 forward + 1 reverse	Forward	4.00 x 8	Parking brake	No	83kg
						I: 1.05				
						Reverse				
						I: 2.68				



## BCS 728

Able to perform the same digging, cutting and clearing work as the BCS 710, the larger 728 is better suited to tackling larger areas due to its extra gear speed, which is especially useful with the scythe cutter bar.

The BCS 728 can operate ploughs, ridgers and potato lifters to assist in managing your vegetable plots and also a rotary mower to maintain your lawns.

Engine	Fuel	Starter	Net Power	Fuel Consumption	No of Speeds	Km/hr	Wheels	Brakes	Differential	Weight
Honda GP160	Petrol	Recoil	3.6kW 4.8hp	1.4L / hr	3 forward + 3 reverse	Forward	4.00 x 8	Parking brake	No	80kg
						I: 1.14				
						II: 2.63				
Honda GX200	Petrol	Recoil	4.1kW 5.5hp	1.7L / hr		Reverse				85kg
						I: 1.20				
						II: 2.77				
						III: 4.08				



## BCS 738

The versatile BCS 738 can be fitted with over 20 different implements, allowing you to achieve a vast range of work with the one power unit.

Due to its larger wheels and locking differential, you will notice how easy the machine is to manoeuvre and operate, and it will quickly prove to be a tool on which you can depend.

The BCS 738 is ideal for landscape contractors, smallholders and nurseries.



Engine	Fuel	Starter	Net Power	Fuel Consumption	No of Speeds	Km/hr	Wheels	Brakes	Differential	Weight	
Honda GX270	Petrol	Recoil	6.3kW	2.4L / hr	3 forward + 3 reverse	Forward	5.00 x 10	Parking brake	Yes	101kg	
		Electric	8.4hp							106kg	
Honda GX340	Petrol	Recoil	8.0kW 10.7hp	3.1L / hr						III: 4.30	110kg
Kohler KD350	Diesel	Recoil	4.6kW	1.4L / hr		Reverse				I: 1.33	108kg
		Electric	6.1hp							II: 3.08	115kg
		III: 4.53									

## BCS 740

The BCS 740 is our best selling two wheel tractor and the most versatile in the range with its ability to operate over 30 different attachments.

The 740 is very simple to operate and features a locking differential and steering brakes for additional control.

It is the ideal machine for large smallholdings, allotment associations, contractors and estates. The range of implements, combined with the 740's power, allows you to take on such a range of work that you will soon wonder how you managed to live without it.



Engine	Fuel	Starter	Net Power	Fuel Consumption	No of Speeds	Km/hr	Wheels	Brakes	Differential	Weight	
Honda GX390	Petrol	Recoil	8.7kW	3.5L / hr	3 forward + 3 reverse	Forward	5.00 x 10	Steering brakes + Parking brake	Yes	107kg	
		Electric	11.7hp							116kg	
Briggs & Stratton 2100	Petrol	Recoil	>9.0kW >12.0hp	-						III: 4.30	115kg
Yanmar L100N	Diesel	Recoil	6.7kW	2.1L / hr		Reverse				I: 1.33	132kg
		Electric	9.0hp							II: 3.08	139kg
		III: 4.53									



## BCS 750

The BCS 750 is the largest and most powerful two wheel tractor in our range.

The 750 has all the features that have made the 740 the biggest selling two wheel tractor in the UK, plus it has integrated quick release which means changing from one attachment to another is done in seconds.

A cast iron tail-housing allows a huge reinforced 85cm rotavator box to be fitted.

Engine	Fuel	Starter	Net Power	Fuel Consumption	No of Speeds	Km/hr	Wheels	Brakes	Differential	Weight
Honda GX390	Petrol	Recoil	8.7kW 11.7hp	3.5L / hr	3 forward + 3 reverse	I: 0.98 II: 2.27 III: 3.34	6.50 x 12	Steering brakes + Parking brake	Yes	190kg
										210kg
										220kg
Kohler KD440	Diesel	Recoil	6.8kW 9.1hp	2.1L / hr	3 forward + 3 reverse	I: 1.03 II: 2.39 III: 3.51	6.50 x 12	Steering brakes + Parking brake	Yes	210kg
		Electric								220kg

## What is a Two Wheel Tractor?

A two wheel tractor is effectively a smaller version of the traditional four wheel tractor.

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.



Handlebars rotate 180°





## **Cut any height and density...**

For wildflower management and meadow maintenance, the BCS Power Scythes are the ideal machines. Easily cutting vegetation of any height and density.



# Crusader Power Scythes

## Managing Environments

BCS Crusader Power Scythes are versatile and powerful machines that can be used for a wide variety of different applications.

From taming dense vegetation to creating beautiful wildflower meadows to attract wildlife, **BCS Crusader Power Scythes** are unique tools for managing all types of environments successfully.

Their multiple applications means that you will find **BCS Crusader Power Scythes** being used in meadows, woodlands, reedbeds, orchards, paddocks, pathways, conservation sites and many other locations across the UK.

Key to the success of **BCS Crusader Power Scythes** is their ability to cut vegetation of any height up to 1" diameter, even material that towers over you.

## User Friendly

BCS Crusader Power Scythes are simple to manoeuvre and straightforward to operate, even in confined areas. The driven wheels and powerful cutting teeth mean that user input is kept to a minimum, you let the scythe do the work for you.

Typical applications include cutting long grass, brambles, bracken, gorse, wildflowers, reeds, thistles, nettles, weeds and saplings.

## Economical and Efficient

**BCS Power Scythes** are many times quicker and more productive than a traditional strimmer. They operate with the engine just above tickover so they are quiet and economic, running all day on just one tankful of fuel.

## Good for Wildlife

BCS Crusader Power Scythes are excellent for managing conservation areas as they cause the least devastation to flowers and wildlife. Conventional rotary and flail mowers will destroy vegetation whereas scythes cut cleanly, allowing seedheads remain intact and propagate.

## More Than Just a Scythe

Furthermore, **BCS Crusader Power Scythes** have the ability to turn themselves into multi-purpose machines, capable of operating other implements such as brushes, flail mowers, chipper shredders and even snow clearing implements.

Many problems can therefore be solved with this one machine, saving you both time and money.

“**GREAT FOR YOU  
AND YOUR  
ENVIRONMENT.**”

# Features & Benefits

## QUICK REVERSE LEVER

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

## HANDLEBAR OFFSET

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



## HONDA PETROL ENGINES

Generally regarded as the most reliable and powerful petrol engines in their classes.



## QUICK COUPLING ASSEMBLY

Available as an optional extra, this enables implements to be changed in seconds and without tools.

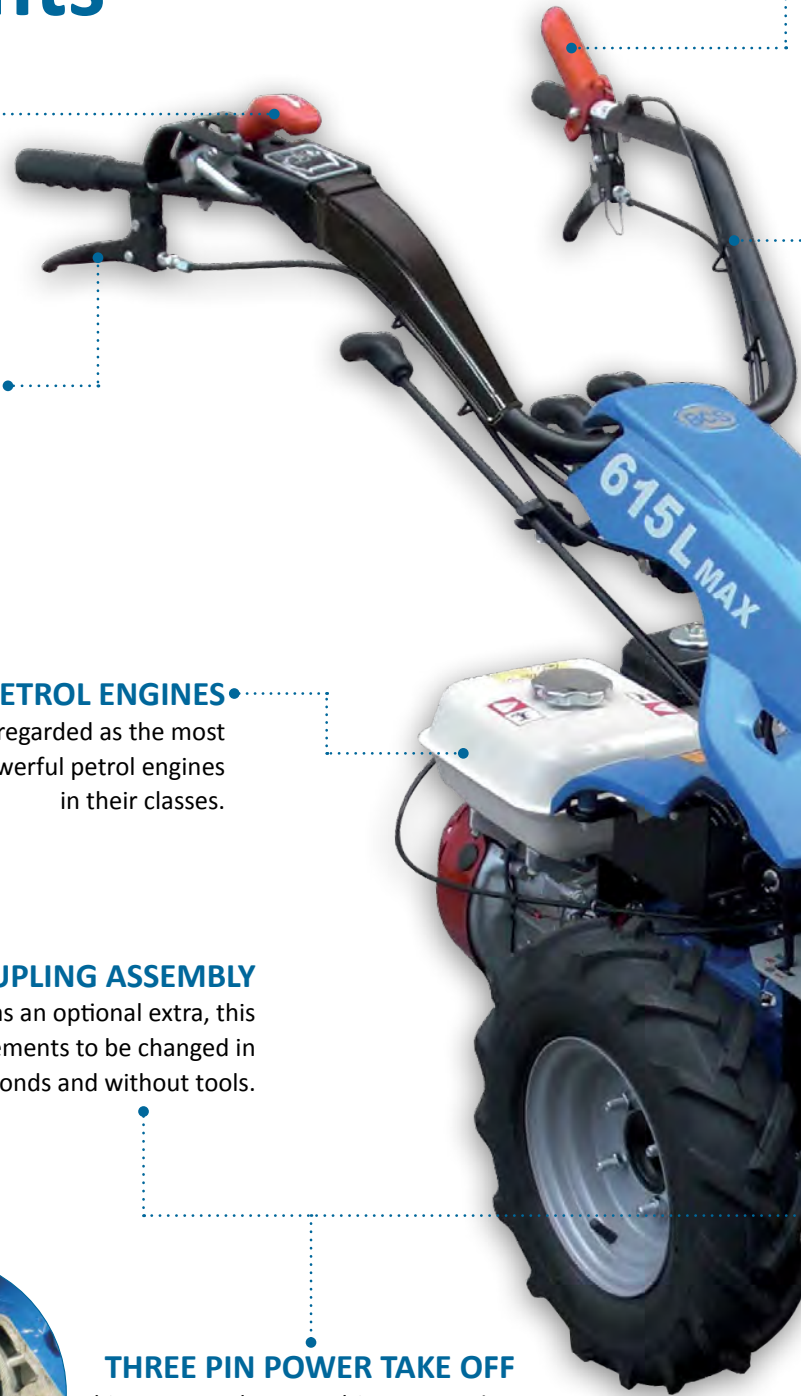


## THREE PIN POWER TAKE OFF

This strong and proven drive connection ensures added durability.

## ADJUSTABLE CUTTING HEIGHT

Simple to adjust cutting height from 2cm to 10cm via skids at either side of the cutter bar.







- **SAFETY (OPC) LEVER**

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

- **ADJUSTABLE HANDLEBARS**

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



- **ANTI-VIBRATION HANDLEBAR**

This reduces vibration which increases operator comfort and safety.

- **ALL GEAR DRIVE SYSTEM**

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

- **ANTI-WHEEL WRAP COVER**

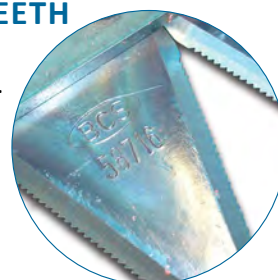
The cover is designed to prevent material wrapping around wheels and axles.

- **FLOATING CUTTING HEAD**

The 'articulating' head follows the contours of undulating and uneven ground.

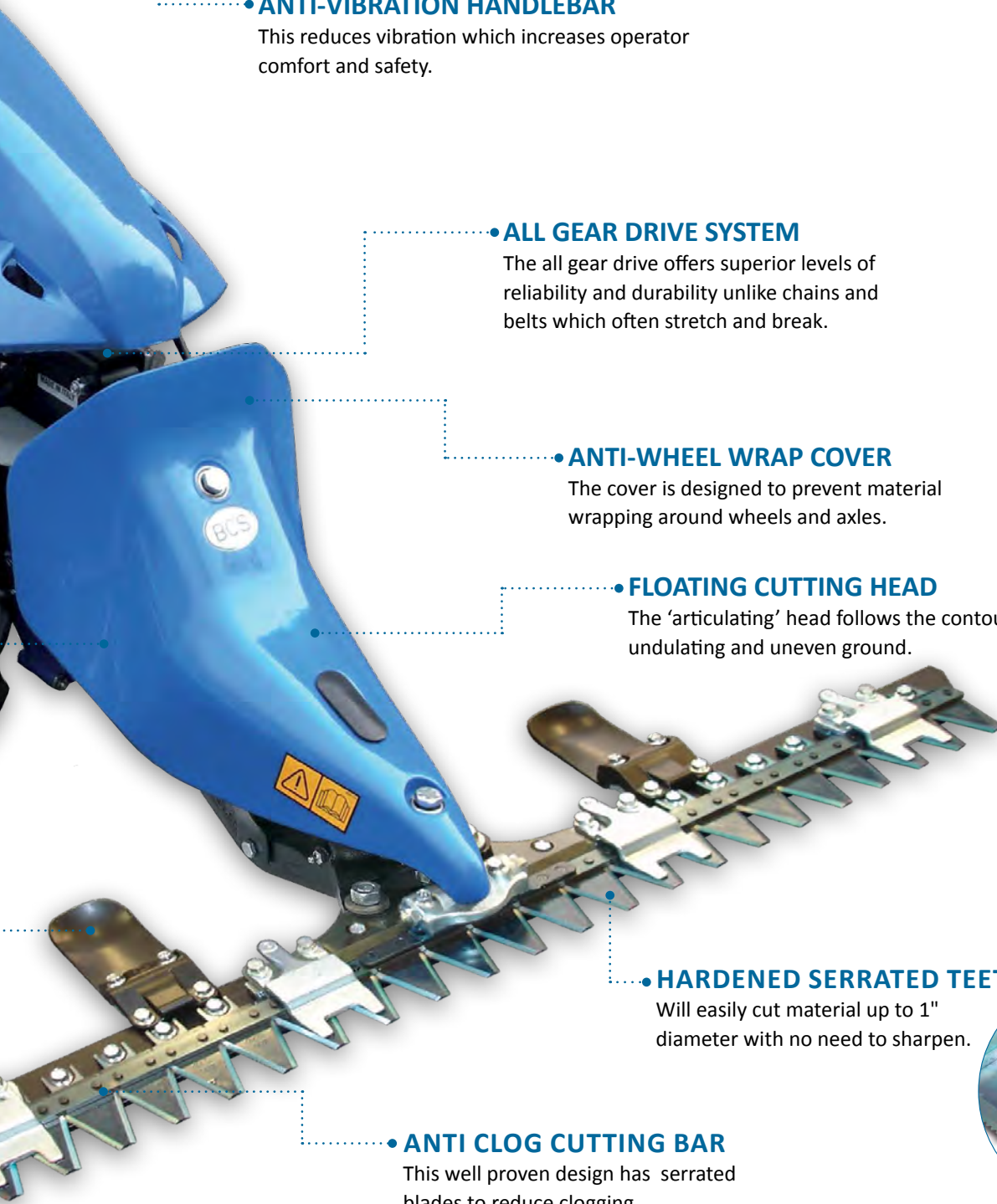
- **HARDENED SERRATED TEETH**

Will easily cut material up to 1" diameter with no need to sharpen.



- **ANTI CLOG CUTTING BAR**

This well proven design has serrated blades to reduce clogging.



# Model Information



## BCS 615L

The two speeds, and sizes of cutter bar available, mean that the 615L is the ideal machine for cutting areas of roughly 1-3 acres.

The 615L can also be used as a power brush for snow clearing during the winter months.

Engine	Fuel	Start	Net Power	Fuel Consumption	No of Speeds	Km/hr		Wheels	Brakes	Differential	Weight	Scythe Cutter Bars	
						Forward	Reverse					Length	Type
Honda GP160	Petrol	Recoil	3.6kW 4.8hp	1.4L / hr	2 forward + 2 reverse	4.00 x 8	No	No	62kg	80cm (32")	L		
										100cm (40")	L		
										115cm (45")	L		
Honda GX200	Petrol	Recoil	4.1kW 5.5hp	1.7L / hr	2 forward + 2 reverse	4.00 x 8	No	No	64kg	80cm (32")	L		
										100cm (40")	L		
										115cm (45")	L		



## BCS 615SL

The 615SL can comfortably areas up to approximately 5 acres and can be fitted with a large 135cm width cutter bar.

A locking differential makes the 615SL extremely manoeuvrable and capable of being used with many useful implements.

Engine	Fuel	Start	Net Power	Fuel Consumption	No of Speeds	Km/hr		Wheels	Brakes	Differential	Weight	Scythe Cutter Bars	
						Forward	Reverse					Length	Type
Honda GP160	Petrol	Recoil	3.6kW 4.8hp	1.4L / hr	2 forward + 2 reverse	4.00 x 10	No	Yes	85kg	80cm (32")	L		
										100cm (40")	L		
										115cm (45")	L		
Honda GX270	Petrol	Recoil	6.3kW 8.4hp	2.4L / hr	2 forward + 2 reverse	4.00 x 10	No	Yes	90kg	100cm (40")	L		
										115cm (45")	L		
										135cm (53")	L		
										120cm (47")	D		
										130cm (51")	DL		



## BCS 630

Featuring steering brakes and locking differential the BCS 630 is recommended for cutting areas over 5 acres in size.

This power unit also has a useful travel speed and can be fitted with a chipper-shredder, flail mower, sweepers, snow blowers and more for maximum versatility.

For cutting on slopes there is also the option of the Honda Banks engine on this model.

Engine	Fuel	Start	Net Power	Fuel Consumption	No of Speeds	Km/hr	Wheels	Brakes	Differential	Weight	Scythe Cutter Bars
Honda GX270	Petrol	Recoil	6.3kW 8.4hp	2.4L / hr	3 forward + 3 reverse + Travel	I: 1.26 II: 2.92 III: 4.30 IV: 13.40	5.00 x 10	Steering brakes	Yes	95kg	115cm (45") L
											135cm (53") L
											120cm (47") D
											150cm (59") D
											130cm (51") DL
Honda GX270 Banks	Petrol	Recoil	6.3kW 8.4hp	2.4L / hr	3 forward + 3 reverse + Travel	I: 1.33 II: 3.08 III: 4.53	5.00 x 10	Steering brakes	Yes	95kg	115cm (45") L
											135cm (53") L
											120cm (47") D
											150cm (59") D
											130cm (51") DL

### Which Cutter Bar?

There are a number of issues to consider when it comes to deciding which cutter bar is the most suitable, including site access, where you'll be cutting - are there trees or other obstacles, and the type of material you will be cutting.

There are three types of cutter bar. The Laser® (L) scythe cutter bar which is available in 80, 100, 115, 135, and 155cm cutting widths, the Duplex (D), or double reciprocating, cutter bar which is available in 120 and 150cm widths, and the Duplex Laser® (DL) scythe cutter bar available in 130cm width.

All the BCS scythe cutter bars have their own built-in oil bath lubrication. The standard Laser® scythe has the option of a short or long oil bath, with the short oil bath being better suited to the smaller machines.

#### Laser® Scythe Cutter Bar

- Fits onto all power units
- Excellent for cutting "woody" material as well as grasses
- Less expensive than the duplex bar



#### Duplex Scythe Cutter Bar

- Faster with less vibration than the Laser® scythe
- Self adjusting spring-loaded blade tensioners
- Excellent for cutting grass and wildflowers
- Fits larger power units only



#### Duplex Laser® Scythe Cutter Bar

- All the benefits of the duplex bar
- Laser® teeth cut all material equally well
- Fits larger power units only







# Commander & Hydrostatic Commander

## Take Command of your Environment

The unrivalled **BCS Commander** power units are high performance, multi-purpose machines that give you the capability to manage every type of grassland environment.

Featuring a heavy duty drive system, a low centre of gravity and simple controls, the **BCS Commanders** can be fitted with a choice of implement heads for a range of tasks including grass cutting and clearing, estate maintenance and snow clearing.

Power is supplied by a selection of reliable and recognised petrol and diesel engines, with the option of the superb Honda banks engine for use on steep slopes.

Whether you are cutting dense vegetation, maintaining meadowland, or looking to create useful bales of hay, no other machine offers the performance and value of the **BCS Commander**.

## Control at your Command

There are two versions of the **BCS Commander**, the all-gear drive 630WS, or the hydrostatic 660HY.

The unique control system lets the operator manoeuvre the machine easily using the steering clutch levers mounted on the handlebars. This permits independent control of each wheel through the machine's internal clutch-brake mechanism, and so provides excellent stability on steep terrain. It also ensures maximum steering comfort, easy handling, and perfect control of the machine whether on rough difficult ground or on a flat grassed area.

The hydrostatic 660HY is equipped with the PowerSafe® hydraulic clutch. Ergonomic operator controls, together with the superb drive and automatic braking facility, ensure easy manoeuvrability and complete control of the unit, even in the toughest conditions.

## Commanding Respect

The performance and versatility of the **BCS Commander** is such that it has become the favoured conservation management tool for many organisations including the following:

- Natural England
- Wildlife Trust
- RSPB
- BTCV
- National Park Authorities
- English Heritage
- Wildfowl & Wetlands Trust
- National Trust

And many more including utilities companies, local authorities and independent contractors.

“A VERY POWERFUL  
CONSERVATION  
MACHINE.”

# Features & Benefits - 630WS

## SAFETY (OPC) LEVERS

When either of these levers are released, the machine and implement will stop.

## STEERING CLUTCHES

This patented system lets the operator manoeuvre the machine effortlessly. The clutch brakes give the Commander excellent stability on slopes as well as for simple turns.

## HANDLEBAR OFFSET

Each machine has a simple method of moving the handlebars from side to side, allowing the operator to avoid obstacles.

## HONDA BANKS ENGINE

The Commander power unit is powered by the Honda GX390 Banks engine, for unbeatable performance and reliability.

## TWIN WHEEL OPTION

Twin wheels provide extra traction and stability on slopes.





- **ANTI-VIBRATION HANDLEBAR**

This reduces vibration which increases operator comfort and safety.

- **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.

- **THREE PIN POWER TAKE OFF**

This strong and proven drive connection ensures added durability.



- **QUICK COUPLING ASSEMBLY**

Available as an optional extra, this enables implements to be changed in seconds and without tools.



# Features & Benefits - 660HY

## ANTI-VIBRATION HANDLEBAR

This reduces vibration which increases operator comfort and safety.

## ADJUSTABLE HANDLEBARS

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

## HYDROSTATIC DRIVE

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

## AUTOMATIC BRAKE

This automatically engages when required to secure the machine.



## QUICK COUPLING ASSEMBLY

Provided as standard, this enables implements to be changed in seconds and without tools.

## THREE PIN POWER TAKE OFF

This strong and proven drive connection ensures added durability.







• **ERGONOMIC CONTROLS**

The speed can be precisely controlled via the ergonomic handlebar-mounted control.



• **SAFETY (OPC) LEVER**

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

• **STEERING BRAKES**

This patented system lets the operator manoeuvre the machine effortlessly. The brakes give the 660 excellent stability on slopes as well as for simple turns.

• **HANDLEBAR OFFSET**

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

• **HIGH QUALITY ENGINES**

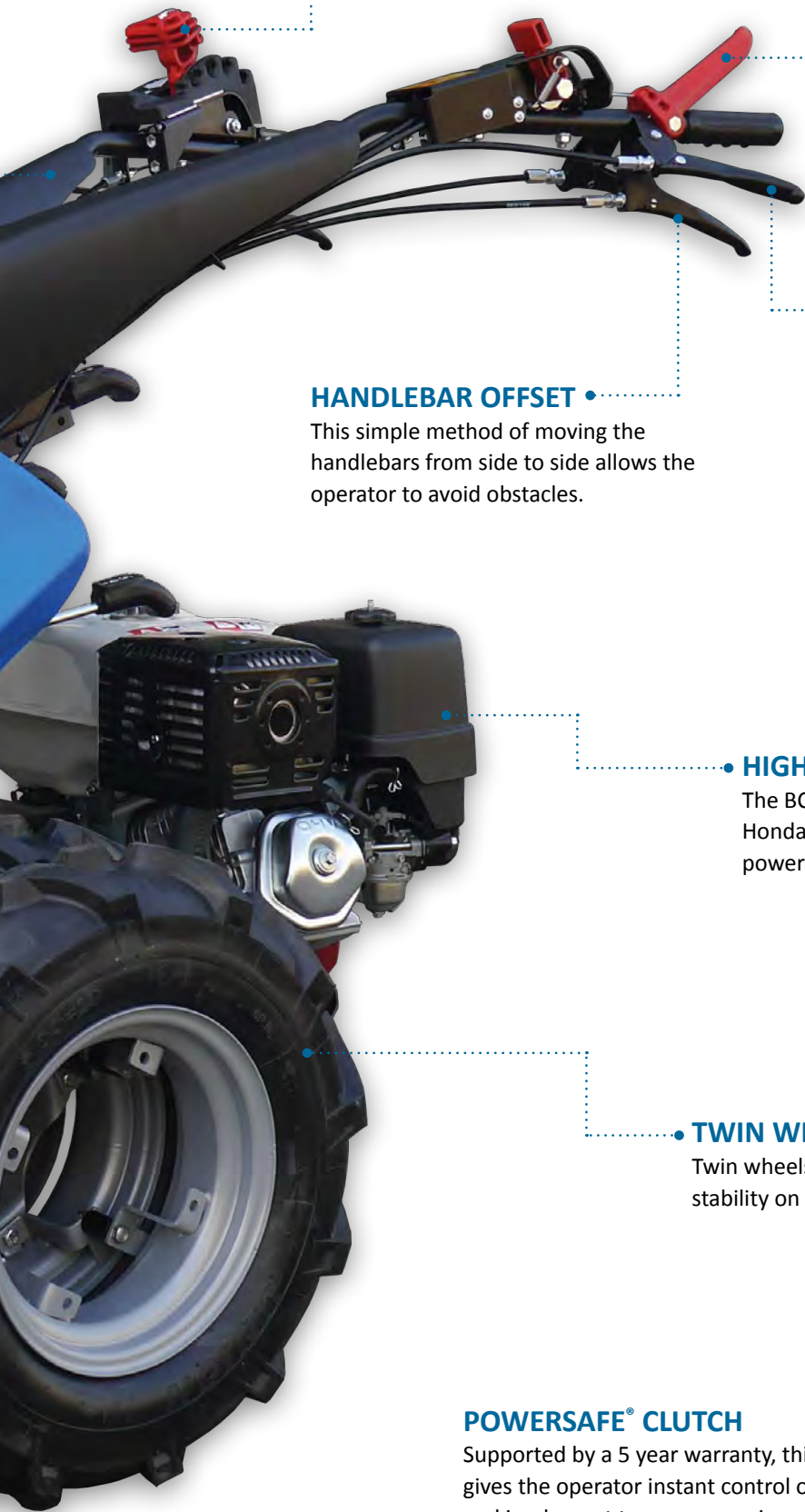
The BCS 660 is powered by either the Honda GX390 Banks engine or the powerful Briggs & Stratton Vanguard.

• **TWIN WHEEL OPTION**

Twin wheels provide extra traction and stability on slopes.

• **POWERSAFE® CLUTCH**

Supported by a 5 year warranty, this patented system gives the operator instant control over the machine and implement to ensure maximum safety at all times.



# Model Information



## BCS 630WS

The **BCS 630WS Bank Commander** is a complete grassland management machine which is designed for those who need a go-anywhere unit capable of undertaking a number of grass cutting and clearing tasks. It will effortlessly cut vegetation on banks up to a 40° gradient, remaining stable and safe under the direct control of the operator.

The Honda GX390 Banks engine has been specifically designed by Honda to work on steep slopes and features a fuel pump, a modified carburettor, and patented oil control device.

The machine is supplied as a power unit only to enable you to select the right implements for your specific application, and it can operate everything from scythe cutter bars to a mini baler.

Engine	Fuel	Start	Net Power	Fuel Consumption	No of Speeds	Km/hr	Wheels	Steering/ Brakes	Weight	
Honda GX390 Banks	Petrol	Recoil	8.7kW 11.7hp	3.5L / hr	3 forward + 3 reverse + Travel	Forward	5.00 x 10	Clutch/brake steering system + Parking brake	111kg	
										I: 1.31
										II: 3.05
						Reverse				III: 4.48
										IV: 13.97
										I: 1.38
II: 3.21										
III: 4.72										





## BCS 660HY

The **BCS 660HY Hydrostatic Commander** has a hydrostatic drive and assisted hydraulically controlled steering.

Ergonomic operator controls, together with the superb drive and automatic brake facility, ensure easy manoeuvrability and complete control of the unit, even in the toughest conditions.

The **BCS 660HY Hydrostatic Commander** is the only hydrostatic motor mower in the world to be equipped with the patented PowerSafe® hydraulic clutch featuring multiple steel discs in oil bath and connected directly to the engine.



Engine	Fuel	Start	Net Power	Fuel Consumption	No of Speeds	Km/hr		Drive	Wheels	Steering/ Brakes	Weight
Honda GX390 Banks	Petrol	Recoil	8.7kW 11.7hp	3.5L / hr	2 speed ranges - slow & fast	Slow	Up to 4.7	Hydrostatic transmission	5.00 x 10	Clutch/brake steering system + Parking brake	160kg
Briggs & Stratton Vanguard			11.9kW 16.0hp	4.2L / hr		Fast	Up to 7.0				165kg



# Implements - Ground Cultivation



## Rotavator

A high rotor speed and a proven blade design will produce a fine seed bed finish and prepare perfect ground for growing. Y shaped blades help to prevent formation of a hard pan.



## Power Harrow

Vertical counter-rotating tines level and prepare surfaces for seeding or turfing. Ideal for use on bare ground without grass, the power harrow offers a choice of rear roller - a mesh roller (pictured) for use in dry conditions, or a cage roller for use in wet conditions.



## Stone Burier

Counter-rotating tines mill the ground whilst grading rods trap debris allowing soil to bury it. In a single pass the result is a fine level cultivated surface ready for turfing or seeding. There is a choice of rear roller - a mesh roller which is best suited to dry conditions, or a cage roller (pictured) for use in wet conditions.



## Power Rake

Cultivate, level, grade and rake stones with one attachment. Counter-rotating tungsten carbide tipped teeth break up soil but can also be used to move stones and other debris. The rotor can be angled to the left or right so debris can be windrowed for easy removal.



## Rotary Plough

This powerful rotating plough corkscrews into the ground providing a double dig. It turns the soil over and breaks it up at the same time and is ideal for use in difficult or virgin soil. It is also useful for breaking through any hard pan that rotavating might produce. Two types are available - single furrow, or reversible.



## Solid Mouldboard Plough

The solid mouldboard plough allows the earth to roll up and over and is ideal for turning previously cultivated soil for wintering over. Ploughing helps to prevent weed growth, aerates the soil and increases mineralisation. Available as a single plough or a reversible plough.



### Slatted Mouldboard Plough

This slatted mouldboard reversible plough reduces resistance allowing it to move through the soil with relative ease and enabling it to be operated by some of the smaller power units. As it ploughs, the earth is pushed up and away to the side, then simply come back up the previous row.



### Adjustable Ridger

The adjustable ridger creates ridges and furrows in soil cultivated by the rotavator attachment. It is easily adjustable for width and depth and is a must if you are planting long rows of potatoes.



### Trailed Ridger

The trailed ridger fits into the rotavator and enables rotavating and ridging at the same time. It is especially recommended on smaller machines as you gain added traction from the rotavator tines.



### Tined Cultivator

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.



### Cultivator Kit

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.

# Implements - Grass Cutting & Clearing



## Laser® Scythe Cutter Bar

The scythe cutter bar will cut dense vegetation of any height up to 1" thick. Anti-clog serrated blades effortlessly cut through woody material such as brambles, as well as green vegetation. This is the perfect tool for helping to create and maintain wildflower meadows.



## Duplex Scythe Cutter Bar

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.



## Duplex Laser® Scythe Cutter Bar

This 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.



## Rotary Mower

This twin blade rotary mower has both collection and side discharge options. Collection is extremely effective, even with wet grass and the large 160 litre bag is very easy to empty. The cutting height is adjusted in seconds with an easy to use lever.



## Mulching Mower

This mulching mower is ideal for managing rough grass areas without the need for collecting. Free swinging blades mounted on a disc provide protection from hitting unseen objects. The cutting height is controlled by adjusting the wheels which can also be folded over the mower.



## Flail Mower

Heavy-duty free swinging knives 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.



### Lawn Scarifier

The lawn scarifier attachment easily removes thatch to encourage grass to grow thicker and healthier. It also helps grass receive better access to water and oxygen which aids in deeper root growth. The “waisted” blades provide unbeatable performance, and are offset from each rod to encourage maximum coverage with each pass.



### Hay Rake

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.



### Mini Baler

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.



### Buck Rake

The buck rake will gather and transport hay, grass and other light materials and can be used as a mini fork truck. The angle of the tines is adjustable to suit different ground conditions. If you are collecting grass it is ideally used in conjunction with the hay rake.

# Implements - Maintenance & Snow Clearing



## Chipper Shredder

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 up to 7cm thick, and a shredding chute with 28 swinging flails for brush and green waste up to 2 1/2cm diameter.



## Stump Grinder

This extremely tough stump grinder features a cast-iron gearbox with fully hardened gears and shafts supported by ball bearings in a full oil bath. The grinding disc is fitted with 4 heavy-duty replaceable carbide cutting teeth and a removeable transport wheel ensures easy manoeuvrability.



## Power Brush

This brush is the ideal tool for clearing leaves, mud, moss etc from a large variety of surfaces from tennis courts to block paving. The brush can be angled left, right or straight ahead and can also pivot separately to the tractor to follow the contours of the ground. It is also ideal for clearing snow.



## Dozer Blade

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.



## Wheel Barrow

This front tipping wheel barrow is manufactured from heavy duty poly and is ideal for transporting loads up to 150kg. Large front castor wheels enable easy manoeuvrability and a simple lever allows the barrow to be manually tipped.



## Towed Trailer

This is a towed, manual tipping trailer, complete with hand and foot brakes. A 350kg carrying capacity means you will be able to move logs, compost and other bulky materials easily around your site.





### Power Brush with Optional Collector

This 100cm powered brush is available with or without the collector, and is fitted with hard wearing nylon bristles. Rear castor wheels assist with manoeuvrability and allow for easy height adjustment. The working angle is easily adjusted left, right or straight ahead, and the large collector can be easily attached to the brush.



### Snow Brush

The brush has three working angles; left, right or straight ahead. It can also pivot separately to the tractor to follow the contours of the ground. A very effective tool at clearing snow up to 10cm deep, leaving clear and safe surfaces. It will also clear leaves and moss from a large variety of surfaces from tennis courts to block paving.



### Snow Blower

The snow blower has a rotating auger that breaks up snow up to 40cm deep from important access ways 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.



### Snow Plough

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 at the rear. Castor wheels are available as an optional extra, as is a soft blade kit for use on sensitive surfaces.

# Implements - Ground Cultivation

IMPLEMENT	DETAILS	710	728	738	740	750	615L	615SLGP	615SL	630	630WS	660HY
Rotavator	46cm (18")	✓	✓									
	52cm (20")	✓	✓	✓								
	66cm (26")			✓	✓	✓						
	80cm (32")				✓	✓						
	85cm (34") - Petrol					✓						
	85cm (34") - Diesel					✓						
Rotavator Transport Wheel		✓	✓	✓	✓							
Power Harrow	60cm (24")				✓	✓						
	75cm (30")				✓	✓						
	75cm (30")				✓	✓						
Seeder	For 75cm Power Harrow				✓	✓						
Stone Burier	62cm (24")				✓	✓						
Box Rake	80cm (32")				✓	✓						
Powered Rotary Plough	Single Furrow			✓	✓	✓						
	Reversible			✓	✓	✓						
Single Plough	Solid Single Furrow			✓	✓							
Reversible Plough	Slatted Mouldboard		✓	✓	✓							
	Solid Mouldboard			✓	✓							
Adjustable Ridger	20-40cm (8-16")		✓	✓	✓							
Trailed Ridger	20-40cm (8-16")	✓	✓	✓	✓							
3 Tined Cultivator	Adjustable Straight Tines		✓	✓								
5 Tined Cultivator	Adjustable Straight Tines			✓	✓							
	Adjustable Spring Tines			✓	✓							
5 Tined Cultivator	Self-Regulating Straight Tines			✓	✓							
	Self-Regulating Spring Tines			✓	✓							
7 Tined Cultivator	Adjustable Straight Tines			✓	✓							
	Adjustable Spring Tines			✓	✓							
Cultivator Kit	Toolbar, Frame, Reversible Plough, Adjustable Ridger & Potato Lifter		✓	✓	✓							



# Implements - Grass Cutting & Clearing

IMPLEMENT	DETAILS		710	728	738	740	750	615L	615SLGP	615SL	630	630WS	660HY
<b>Laser® Scythe Cutter Bar</b>	80cm (32")	Short oil bath	✓	✓	✓			✓	✓				
	100cm (40")	Short oil bath	✓	✓	✓	✓		✓	✓	✓			
	115cm (45")	Short oil bath	✓	✓	✓	✓		✓	✓	✓	✓		
	115cm (45")	Long oil bath			✓	✓				✓	✓	✓	✓
	135cm (53")	Short oil bath			✓	✓				✓	✓		
	135cm (53")	Long oil bath			✓	✓	✓			✓	✓	✓	✓
	155cm (61")	Long oil bath				✓	✓			✓	✓	✓	✓
<b>Duplex Scythe Cutter Bar</b>	120cm (47")				✓	✓	✓			✓	✓	✓	✓
	150cm (59")					✓	✓				✓	✓	✓
<b>Laser® Duplex Scythe Cutter Bar</b>	130cm (51")				✓	✓	✓			✓	✓	✓	✓
<b>Rotary Mower</b>	56cm (22")			✓	✓				✓	✓	✓		
	100cm (40")					✓	✓				✓	✓	✓
<b>Mulching Mower</b>	80cm (32")				✓	✓	✓				✓	✓	✓
<b>Flail Mower</b>	65cm (25")				✓	✓	✓				✓		
	85cm (33")					✓	✓				✓	✓	✓
<b>Disc Mower</b>	80cm (32")				✓	✓	✓				✓	✓	✓
<b>Lawn Scarifier</b>	65cm (25")				✓	✓	✓				✓	✓	✓
<b>Hay Rake</b>	100cm (40")		✓	✓	✓	✓	✓	✓	✓	✓	✓		
	120cm (47")				✓	✓	✓			✓	✓	✓	✓
<b>Mini Baler</b>	Bale Size 52 x 55cm					✓						✓	✓
<b>Buck Rake</b>	100cm (40")					✓	✓				✓	✓	✓

# Implements - Maintenance & Snow Clearing

IMPLEMENT	DETAILS	710	728	738	740	750	615L	615SLGP	615SL	630	630WS	660HY
Chipper Shredder	7cm (3")			✓	✓	✓			✓	✓	✓	✓
Stump Grinder					✓	✓				✓		
Power Brush	80cm (32")	✓	✓	✓	✓		✓	✓	✓	✓		
	100cm (40")			✓	✓	✓			✓	✓	✓	✓
Power Brush with Optional Collector	100cm (40")				✓	✓				✓	✓	✓
Dozer Blade	100cm (40")	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wheel Barrow	125kg capacity			✓	✓	✓			✓	✓	✓	✓
Towed Trailer	350kg capacity				✓							
Snow Brush	80cm (32")	✓	✓	✓	✓		✓	✓	✓	✓		
	100cm (40")			✓	✓	✓			✓	✓	✓	✓
Snow Blower	60cm (24")	✓	✓	✓			✓	✓	✓	✓		
	70cm (28")			✓	✓	✓			✓	✓		
Snow Plough	100cm (40")	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Soft Blade Kit	For Snow Plough	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Castor Wheels	For Snow Plough	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



# Choosing a Power Unit

## Choose the right machine

In order to ensure you get best value for money, and choose the right power unit from the outset, we recommend you read the following information which may help you make the best decision for your long term requirements.

## What are the differences?

The key difference is that the handlebars on the **Two Wheel Tractors** rotate 180°, whereas the **Crusader Power Scythe** and **Commander** ranges do not.

This allows the **Two Wheel Tractors** to operate both front mounted implements such as mowers and snow clearing, as well as rear mounted implements such as rotavators.

The **Crusader Power Scythes** and **Commander** power units will operate front mounted implements only, such as mowers and snow clearing attachments.

Also consider which attachments you may need in the future.

The larger the machine, the more attachments become available.

For steep banks and sloping areas the **Bank Commander** is the most suitable machine.

Fitted with a Honda banks engine and twin wheels, the **Bank Commander** will work on slopes up to a 40° gradient.

The **Bank Commander** can be fitted with front mounted attachments only.

The **Commander** range now includes a hydrostatic machine, the model 660HY. This truly amazing machine offers fantastic control even on the most difficult terrain and the steepest slopes.

The **Crusader Power Scythe** range also now offers a machine that can be used on slopes, fitted with a Honda banks engine, the model 630B is a cost effective option for cutting grass on steep terrain. However, unlike the **Bank Commander**, the **Crusader 630B** cannot operate the mini baler or the largest flail mower.

To summarise, it is vital that you consider everything you want to do with the machine - not only right now, but also in the future.

	Two Wheel Tractors (Models 710-750)	Crusader Power Scythe (Models 615L-630B)	Commander (Models 630WS-660HY)
Rotavating	✓	-	-
Ploughing	✓	-	-
Cultivating	✓	-	-
Grass Cutting	✓	✓	✓
Clearing Snow	✓	✓	✓
Cutting Grass on Slopes	-	✓**	✓
Hay Baling	✓*	-	✓

\*Only the model 740.

\*\*Only the model 630B.



# Accessories



## Implement Quick Coupling

Change implements quickly and without the need for tools.



## Additional Coupling

Use with implements where power unit has Quick Coupling.



## Blank Coupling

For non-powered implements if power unit has Quick Coupling.



## Additional Coupling

Coupling assembly specifically for the models 750 and 660.



## Implement Extension

Provides extra distance between the implement and power unit.



## Wheel Spacers

Extends wheel width by 6cm when additional stability is required.



## Adjustable Wheel Spacers

Add up to 25cm each side, ideal for raised beds or to provide extra stability.



## Pneumatic Wheels

Replacement pneumatic wheels for BCS power units.



## Foam Filling Tyres

Prevent punctures when using the machine on rough terrain.



## Twin Wheel Kit

Provide extra traction or stability, particularly useful on banks.



## Lug Wheels

A wider profile and deeper tread for additional traction and stability.



## Turf Wheels

A wide tyre with a smoother tread to reduce marks on lawns.



## Floatation Wheels

Ideal for use in water-logged or boggy terrain.



## Steel Bank Wheels

Wide metal cage wheels provide extra traction on sloping banks.



## Spade Lug Wheels

Provide extra traction, particularly useful when ploughing or ridging.



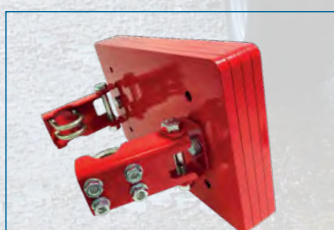
## Twinning Rings

Double the width of Spade Lug Wheels for even more traction.



## Wheel Weights

Provide additional traction when ploughing or snow clearing.



## Engine Counterbalance

Weight kit to help balance power unit with heavier implements.



## Tractor PTO Coupler

Connect 6spline tractor attachments to BCS power units.



## Rotavator Transport Wheel

Fits into the rotavator to make transportation easier.



IMPLEMENT	DETAILS	710	728	738	740	750	615L	615SLGP	615SL	630	630WS	660HY
<b>Implement Quick Coupling Assembly</b>	Couplers for machine & one implement	✓	✓	✓	✓		✓	✓	✓	✓	✓	
<b>Additional Coupling</b>	Coupler for powered implements	✓	✓	✓	✓		✓	✓	✓	✓	✓	
<b>Blank Coupling</b>	Coupler for non-powered implements	✓	✓	✓	✓		✓	✓	✓	✓	✓	
<b>Additional Coupling</b>	Coupler for 660 & 750 implements					✓						✓
<b>Implement Extension</b>	Length- 8cm (3")	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
<b>Wheel Spacers Pair</b>	6cm (2½")	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Adjustable Wheel Spacers Pair</b>	2½cm (1") to 15cm (6")	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2½cm (1") to 25cm (10")	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Pneumatic Wheels</b>	Pair- 4.00 x 8	✓ standard	✓ standard				✓ standard					
	Pair- 4.00 x 10	✓	✓	✓			✓	✓ standard	✓ standard			
	Pair- 5.00 x 10			✓ standard	✓ standard			✓	✓	✓ standard	✓ standard	
	Pair- 6.50 x 12				✓	✓ standard				✓		✓ standard
<b>Foam Filling Tyres</b>	To fill pair 5.00 x 10 tyres (tyres not included)			✓	✓					✓	✓	
<b>Twin Wheel Kit</b>	Pair- 5.00 x 10			✓	✓					✓	✓	
	Pair- 6.50 x 12											✓
<b>Lug Wheels</b>	Pair- 8.00 x 10				✓	✓				✓	✓	✓
<b>Turf Wheels</b>	Pair- 8.00 x 10				✓	✓				✓	✓	✓
<b>Floatation Wheels</b>	Pair- 11.00 x 8				✓	✓				✓	✓	✓
<b>Steel Bank Wheels</b>	Pair- 5.00 x 10									✓	✓	✓
<b>Spade Lug Wheels</b>	Pair- 43cm (17")	✓	✓	✓								
	Pair- 49cm (19")		✓	✓	✓							
<b>Twinning Rings</b>	To double the width of 49cm Spade Lug Wheels		✓	✓	✓							
<b>Wheel Weights 11kg</b>	Pair to fit 4.00 x 8 wheels	✓	✓				✓	✓				
<b>Wheel Weights 15kg</b>	Pair to fit 4.00 x 10 or 5.00 x 10 wheels			✓	✓			✓	✓	✓	✓	✓
<b>Engine Counterbalance</b>	5-15kg weight kit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Tractor PTO Adaptor</b>	6 spline coupler		✓	✓	✓							
<b>Rotavator Transport Wheel</b>	For 46cm (18") to 80cm (32") rotavators	✓	✓	✓	✓							



BCS



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Tracmaster Ltd  
Sovereign Centre  
Victoria Road  
Burgess Hill  
RH15 9LR

**Tel:** 01444 247689  
**Fax:** 01444 871612  
**Email:** [info@tracmaster.co.uk](mailto:info@tracmaster.co.uk)  
**Web:** [www.tracmaster.co.uk](http://www.tracmaster.co.uk)

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