



Guide Book

1/3/15

Tractors, Utility Vehicles and over 200 Implements



This should make life easier!



P70 with barrow



Quad Tractor & Ripper cultivator



Caron 760

BSG—ESTABLISHED 1987



BSG has for many years been supplying tractors & machinery from our premises at Marks Tey, near Colchester in Essex. We distribute our range of machinery throughout the United Kingdom, unlike other manufacturers we do not supply domestic garden or fine turf equipment, or indeed large agricultural machines.

We pride ourselves on our technical knowledge and our willingness to offer the right assistance and operator training if required. **Sole Goldoni Importers for more than 10 years**

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Implements for Quad Bikes see pages 7, 12, 16, 17, & 21

For Sales and administration contact Graham Godward, Jez Sore or Lisa Hermon



Parts and Service from BSG. We supply a comprehensive range of parts for all of our products. For help with parts, contact Ann Lee and for service, Darryll Knock.

We arrange routine annual service visits to most parts of Britain in the winter



Disclaimer. As our policy is one of continued change and improvement, products, prices and descriptions are under constant review. Prices descriptions and specifications should be treated only as a guide and not in any way as binding. Much of the information is from the producer and errors can arise from translation and a lack of clarity on technical terms. It is ultimately the responsibility of the buyers to satisfy themselves as to the suitability of the product for their intended use.

BSG TRACTORS AND MACHINERY, TEYLAND HOUSE, 31A,LONDON ROAD, MARKS TEY, COLCHESTER, CO6 1DZ.

Lightforce Range

The Lightforce range of machinery is made for BSG by Eurosystems in Italy, a trading relationship lasting nearly twenty years. The machines are simple, lightweight and easy to use. They are fitted with Briggs and Stratton petrol engines and worm gear transmission, protected by belt to keep maintenance costs low. Safety is important, particularly as they are often used by people with varying degrees of skill and experience. **The lever release system** is designed to stop the motion and operation as soon as the controls are released, the lower lever controls the motion and the red lever the implement operation.

Power Scythe M210



Lever release system

The M210 is sold with a cutter bar for long grass. The cutter bar or power scythe is the traditional method to cut hay, wild flower meadows and overgrown areas. The 87cm self levelling cutter, with height control is fitted with two blades, instead of the normal one, giving a greater output through a faster cutting action. The M210 has a powerful 125cc four stroke engine, neutral and forward gear with a working speed of 2 to 3 km/hr and an output of around a half acre / hour. The pneumatic tyres are 13.5 x 6", the weight is 57kg and the package size is 80cm x 56cm x 53cm - **£690**
Options can include snow blade and sweeper.

NEW Powered Barrow **Petrol or Battery** operated, with tipping truck and optional platform.



The Carry, powered barrow is driven by the same engine as the M210 and so has the power of a small motor cycle. A battery powered electric model, for indoor as well as outdoor use, is also available. It has 2x 12v 51a/hr batteries to drive a 24v 300 watt motor for up to 2.5 hrs of continuous work on one charge. Speeds, forward 3 km/hr, reverse 1.7 km/hr.

The powered barrow has a tipping body capacity of 85l or 100kg, 75kg on steep slopes (maximum slope, loaded 35%), tyre size is 13 x 5,00-6". An automatic brake and a three position wheel release system is standard. Petrol - **£690**, electric - **£1090**. An optional extra platform body with a container is available to replace the tipping truck - **£168**



Track width 50cm



Platform 85cm x 60 cm, can fit at right angles for narrow access



Lightforce Range **NEW** P70 Multi Purpose Two Wheel Tractor

Introductory Offer—£690 recoil start, **£790** electric start (includes £100 discount on P70 tractor)

ELECTRIC START



Rotary Tiller 55cm—£243.

Ridger to work behind tiller—£39

Tipping barrow which fits to tractor, max load 100kg, 75kg on steep slopes, capacity 85litres.—£238



The P70 is a heavier tractor with a larger 190cc petrol engine, and bigger 15" x 600 – 6 tyres, with locking pins. Controls are reversible & height adjustable. Implements are mounted on a shaft to allow for movement



Rotary grass cutter 65cm wide, for lawn & longer grass £259

Gears: In cutting direction,
forward 1.08, 2.51 & 3.47 km/h.
Reverse 1.07 & 2.07 km/h.

In cultivating direction, forward 1.07 & 2.07km/h
reverse 1.08 km/h

A balance weight kit will allow the machine to operate on a 25° slope with the engine remaining in an upright position £68



Power scythe 1.02m heavy duty Busatis twin blade cutter with height control £447



Vacuum collector for leaves & litter, also works as a leaf blower £595



De-thatcher/harrow for pulling out moss on grass and lawns, width 50cm £360

Also available :-

Buckrake for grass & hay £168

Bulldozer blade for earth or snow £129

Snow blower & snow chains £590

Sweeper collector £495

Sprayer with battery powered pump 12v 2,9A 2.8bar lasts up to 4hr, 50l tank lasts up to 1hr +10L hand wash, front nozzle and hand lance. For ice control chemicals, non flammable pesticides, watering, wood preserving £598

Rotary power scythe 64cm for long grass & overgrown areas £375



Two Wheel Tractors - The two wheel tractor is the ideal solution where one or more tasks are to be performed in a limited area. There is a great advantage when capital expenditure, storage and ease of operation are considered.

There are very few tasks performed by a tractor that cannot be achieved with a two wheel tractor.



Panda 6.5hp petrol



Panda 60cm rotovator



Tow bracket 3 bolt coupling

Panda all purpose tractors - A 4 or 6 speed transmission, with equal number of forward and reverse gears and a wheel release lever enables live PTO operation and free wheel motion. The reversible controls allow the tractor to be used in either direction, the handles can be raised or lowered and controlled from one side. Wheels are 4" x 10" or 5" x 10" and have a track width adjustment, which can make the machine narrower for row crop work or wider for extra stability when operating across steep slopes. The popular Honda 6.5hp petrol or 6.7hp diesel engines give good all round performance with a high torque for the tougher jobs, easy starting and great fuel economy. An **extra safety feature** in the worm drive transmission avoids sudden stopping when engaging the clutch, this is an advantage when towing ride on implements such as trailers, rollers etc. The **first choice** for versatility, economy and simplicity.

Panda - 4 gears, petrol 6.5hp - fixed differential, 4" x 10" wheels **£1,390**

Panda 231 - 6 gears, petrol 6.5hp differential, 4" x 10" wheels **£1590**

Panda 231 - 6 gears, diesel 6.7hp differential 5" x 10" wheels **£1990** with electric start **£2290**

All include 3 bolt coupling and towing bracket. Great machines, great implements, great prices.



Panda 231 diesel



Over 50 Implements Fit these Tractors



The Twist 11 - This powerful general purpose two wheel tractor has a Honda 270 petrol engine. It replaces the very popular Uno petrol range, it is a tough 8.6hp engine, with two forward and two reverse gears, a fixed diff, 8" x 4 wheels and a wheel release lever making it ideal for use with a flail mower and rotovator.



This tractor has a quick release coupling, the tow bracket is an extra, also larger wheels are available for heavy towing work. Very good value for so much power - **£1590**



Other Twist Models

Twist models with 6 speeds, differential, petrol and diesel engines 5.5 to 10hp, available to many different specifications. Also machines up to 14hp. Tractor and implements available as a package. Contact us for a quote.



General Implements



The Vari Truck is ideal for transporting loads up to 200kg. It can also be used in the towing mode for dragging light timber etc. This is possible because of the swinging axle which moves forwards for transport and back for pulling. The weight of the driver is transferred to the driving axle of the tractor - **£326**



The Tipping Trailer (400kg) is fitted with brakes. A simple release pin allows the trailer to tip. Like the vari truck, the weight of the driver increases the traction on the driving wheels to pull a greater load - **£690**

Specifications - dimensions of body

Vari Truck 200kg 1.25m x 0.75m x 0.3m

Trailer 400 kg 1.25m x 1.0m x 0.2m



For spreader for fertiliser, salt, seed see page 16

Towing: with a towing hook fitted a two wheel tractor is ideal for moving caravans and boat trailers in confined areas and also towing implements such as fertiliser spreaders and rollers.



For a choice of rollers see P15

The Bulldozer/Grader for backfilling, earth moving, scrub clearing & moving snow. Can be used straight or angled to either side width 1.2 m (or less) - **£360**



Chipper Composter: This has 10 shredder & 2 chipping blades and is designed to handle material up to 3.5cm. It suits 2 wheel tractors, weight 52kg - **£780**



Power Brush: this model is 1m wide and is designed to operate with two wheel tractors. The head can be angled to either side and the height and pressure of the brush is adjusted by castor wheels - **£890**



Scrub Puller
for removing bushes scrub etc. see P17



Snow Blower: A very useful item which will pay for itself the first time that it is used. Fitted and ready to go in minutes. Prices from (50cm wide) - **£680**

Air compressor with a range of saws, pruners and hedge trimmers is available to order.

Cultivations



Small Plough



Medium Plough



Reversible Plough

The tool carrier (TC) joins the implement to the tractor, all adjustments are made with this. The small TC top left - **£86** is for the small plough and ridger. The standard TC centre - **£118** is for everything else.

Standard tool carrier



Ploughs—The small and medium ploughs are ideal for gardens and allotments (ploughing instructions can be supplied on request). The reversible plough gives the advantage of being able to plough in both directions giving a greater output in larger areas. Small plough - **£129** Medium plough - **£156** Reversible plough - **£365**

Subsoiler, Cultivators, Harrows - The subsoiler is used to bust the toughest ground and aerate the soil - **£88**. The five tine cultivator is used to break fresh, or ploughed ground, it can be adjusted to different widths, the tines can be spaced for row crop work and a wheel controls depth - **£275**. The three tine cultivator is similar, but lighter - **£158**. The rigid harrow is 0.8m wide and can be used on grass and seed beds - **£124**. The landscape rake 0.7m is a heavy sprung tine rake used for levelling, removing stones and reclamation - **£344**. The spring tine harrow is used to de-thatch grass and spread manure 0.8m wide - **£294**.

Ridgers, Potato Lifter - The single ridger is adjustable to suit row widths, e.g. potatoes and for making drainage channels, single and two row models are available. Small ridger - **£124**. Medium ridger - **£145** Two row ridger - **£255**. The potato lifter is a form of ridger which lifts the soil and separates the potatoes - **£156**.



Subsoiler



Five tine cultivator



Three tine cultivator



Rigid harrow



Spring tine harrow



Landscape rake



Single ridger



Two row ridger



Potato lifter



Rotary Tillers (rotovators) -The rotary tiller can often prepare a seedbed without other implements, the working width can be adjusted by removing tines and sliding in the cover, also some tines can be removed for working in rows. Working width 60cm - **£495**, 65cm - **£558** 70cm heavy duty - **£733**



Rotary Ploughs , Power Harrows and Stone Buriers are also available POA



Grass, Hay and Overgrown Areas

Power scythe

For long grass, hay, reeds, brambles & even light scrub. The power scythe requires very little power to drive it. The swivel on the blade allows it to follow the contours of the ground. Tree guards & high cut lifters are available. This is the preferred method for cutting hay & wild flower meadows. On steep banks, the tractor wheels can be spaced for stability & still remain within the cutting width. 1.02m - **£475**, 1.2m - **£650**, 1.47m - **£760**



Powerscythe 120cm



Flail 65cm

The Flail Mower & Heavy Rotary Topper



Heavy Topper 70cm

The Flail Mower & Heavy Topper - are both for cutting not just long and short grass, but also rough overgrown areas. The flail mulches to a greater degree, has a roller and is driven through a gearbox and two belts, the topper has a greater output with height control bars and an adjustable heavy spring loaded deck, for different conditions.

Flail Mower prices are for a width of: 45cm - **£745** 65cm - **£845** 85cm - **£1095**
 The Heavy Topper prices are for 60cm (weight 55kg) - **£675** 70cm (60kg) - **£725**



Rotary 52cm

Rotary Grass/ Lawn Mower

The cutting height is controlled exactly by adjusting the wheel height and the angle of cut on the gearbox, this ensures that the cutter can be set up to tackle all conditions. All models have side discharge and can be used to spread or put grass and leaves into rows, or into a container.



Twin Rotary 82 cm

Single rotor cutter 52cm - **£680**, with collector - **£795**. Twin rotary cutter 82cm - **£995**, with collector - **£1290**

Drum Mowers - for cutting hay. Twin drum mowers for two wheel tractors (see page 20)

70cm, 8hp - **£740** 80cm, 10hp - **£860** 1m, 14hp - **£990**

Hay Rake/Tedder - The single wheel is ground driven, to dry and gather grass/ hay into rows for collection **£278**.

Molon Hay Tedder - It uses the PTO power for a gentle tedding & raking action. It has a steering lever for tight turns to operate in smaller areas & between trees - **£1090**. This machine can be turned into a sweeper by adding a brush kit.

Buckrake - This is used to gather the rows of grass, hay & scrub and to transport in the field, 85cm wide - **£285**



Hayrake



Hay tedder



Buckrake

THE QUAD TRACTOR - Developed by BSG for the UK market

Over the past ten years this has proved to be our best selling model

It was developed in the UK by us for the UK market. It is not available in this form in any other country. The basic skid unit is produced for us by Goldoni in Italy. For our market the centre of gravity is lowered for safety, wide soft high grip tyres are fitted to minimize ground damage and to increase traction. The drivers operating area and footplate size is increased.

**LARGE FLOTATION TYRES
GIVE EXCELLENT ALL TERRAIN
PERFORMANCE & MINIMUM GROUND
COMPACTION.
A LOW CENTRE OF GRAVITY IMPROVES
SAFETY & GIVES
EXTRA STABILITY ON HILLSIDES.**

**FOUR WHEEL DRIVE,
FOUR WHEEL STEERING,
FOUR WHEEL BRAKING.**



There are not many tasks that can not be done with a BSG Quad Tractor



GRASSLAND

HAY MOWING

GRASS CUTTING

HAY RAKING

PASTURE TOPPING



WOODLAND

EXTRACTION

LOG SPLITTING

WOOD CHIPPING

LOG SAWING

AND MUCH MORE



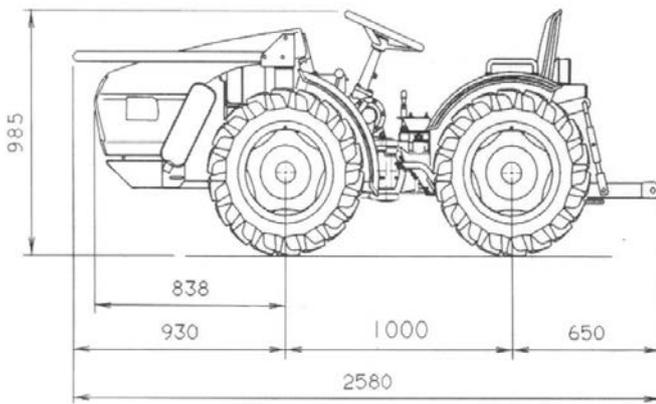
Quad Tractor

FOR THE DRIVER, YOU WILL FEEL AT HOME IN THE COUNTRY WITH

A QUAD TRACTOR, with a fully adjustable seat, power steering, easy to use controls. It is easy to drive, simple to reverse with a trailer, very economical and easy to maintain.



Wide footplate Side mounted lever



The 4 Wheel Steering (articulated steering) and **a linear pivoting chassis** allows the tractor to follow the contours of the land for exceptional **all terrain access**. This gives extra stability, traction and with two differential locks, much more pulling power, with very little ground damage in soft and wet conditions.

Guide Prices (width)

Narrow & Standard tractor 108cm £7490

Wide tractor 120cm with wide foot plates £7925

Optional extras

Side mounted lever £99
Trailer tipping pipe £87

New models 30 & 40

include wide footplates, side mounted lever and trailer tipping pipe.

SAFETY. THE QUAD TRACTOR IS FITTED WITH TWO ROLL BARS FOR DRIVER PROTECTION, (the front roll bar folds forward for access into low buildings), a seatbelt is fitted as part of the standard equipment. A **safety start switch** prevents the tractor from starting in gear.

SPECIFICATIONS

Engine nominal rating @ 3000rpm kw/ps- 16/21.

Capacity 954cc., - Clutch 7" single disc. - Fuel Tank

Capacity 14 litres, - **Hydraulic Flow** 18.5 l/min.

Lift Capacity 500kg . - **Power Take Off Speeds**

540rpm + 540 economy (750)+ rev drive + land speed .

Maximum Road Speed 20 km/hr,

Gears approximate speeds on 6.50x15 tyres

Forward low km/h 1/ 1.2- 2/2.5 - 3/3.9

Forward high km/h 4/ 5.6- 5/12.0- 6/18.4

Reverse km/h 1/0.8 -2/1.7 - 3/ 2.6

Steering (hydraulic) max angle 45 degrees.

Minimum steering radius 1.2m.

Linear pivoting chassis max 16 degrees each side.

Weight 750kg. Tyres 600 x 16" or 26x12" (flotation).



Included with tractor top link—Heavy drawbar —Linkage and adjustable stabilisers — Adjustable lift rods with two lifting positions.

The newer generation of Quad 30 & 40 tractors are fitted with quiet running water cooled engines, to comply with the latest EU regulations on emissions. The new synchromesh type gearboxes give ease of operation and the slightly longer wheelbase and extra weight gives greater stability on hills and also the ability to handle heavier loads and implements.

All of the features of the Quad 20 are retained, including a low centre of gravity and a very low ground pressure for sensitive areas. Four wheel braking and four wheel (articulated) steering for easy manoeuvring is standard. Conventional steering (for long road journeys) is an option. The dimensions of all three tractors are similar with the lengths being 2.4m for the 20, 2.53m for the 30 & 2.61m for the 40. They are all road legal. The 30 & 40 have an extra socket for a flashing light.

QUAD TRACTOR comparison and specifications

	Original Model 20	New Model 30	New Model 40
Tractor maker	Goldoni	Ferrari	Ferrari
Engine make	Lombardini	Kubota	Kubota
Engine cc/HP	954cc/20hp	1123cc/26hp	1498/35hp
Cylinders/cooling	2/air	3/water	4/water
Fuel tank capacity	14Litres	43Litres	43Litres
No of gears F / Rev	6 + 3	8 + 4	8 + 4
Hydraulic lift	500kg	1050kg	1050kg
Hydraulic flow	18,5 l/min	33 l/min	33 l/min
Weights approx.*	760kg	955kg	980kg
Width min/max*	890/1200mm	968//1392mm	968/1392mm
Max speed*	20km/hr	30km/hr	30km/hr



Power take off to run at 540 rpm or synchronized to forward speed.

Hydraulics include two lift cylinders and a double acting external service

* Can vary with wheel size.

Price guide. For Quad 20, 30 & 40 £8,000 to £11,000 + vat.

Details will depend on wheel choice, currency rates and offers at time of purchase

Gears (gear/speed in Kilometres / hour)

Low	1/1.5	2/2.5	3/4	4/6.9
High	1/5.5	2/9.2	3/15	4/30
Reverse	1/1.5	2/25	3/4	4/6.9

Extra Safety through a low centre of gravity and folding roll bar protection, drivers seatbelt and a safety device to prevent starting in gear.



Full instrumentation, easy to use controls



Low ground pressure. The chassis swivels 15° either side, which maintains even weight distribution on all wheels, this is a very useful feature on soft and uneven ground. The articulated steering means that the front wheels will always be parallel even on the tightest of turns, this will greatly reduce soil damage particularly when making tight turns.

Tyre and wheel options

6.50 x 16" adjustable rims, for use in confined areas and slopes, gives width of .989 to 1.365m.

260/70R 16" adjustable rims for low ground pressure operation and maximum traction on slopes, gives width of 1.140 to 1.298m

28 x 9.00-15" fixed rims grassland tyres for minimum ground pressure on grass and slopes, gives width of 1.159 to 1.335m



Accessories



Multi Hitch for easy moving of caravans or trailers, it can also form part of a lifting jib or rear loader **£125**



Tyre Pump for PTO use, gives max 130 lmin, max pressure 150psi **£178**



Large compressor for air tools from **£1450**



Water Pump (PTO driven), for irrigation, power washing, fire fighting, pumping out. Comes complete with suction filter, hoses (3m inlet 7m outlet) and pressure jet for washing **£198**

Hydraulic 3point lift with mounting bracket for front or rear use **£360**



Standby generator 8 KVA 240v **£1198**

Implement Carrier for Quad Bikes, 4 x4s and Utility Vehicles, with no hydraulic linkage. The small implement carrier pictured left has a manual lift and is suitable for garden tractors, so that they can use 2 wheel tractor implements (see P 7) **£234**. The larger carrier (3 pictures) is for quad bikes, 4 x4s etc. It has a three point linkage which is screw or winch operated to take small tractor implements, from **£460**



Reversible Grader is a low cost multi purpose accessory.

FOR CLEARING OVERGROWN AREAS, LEVELLING RUTS, BULLDOZING & BACKFILLING, SNOW CLEARING, REMOVING MOLE HILLS, LAYING WATER PIPES & CABLES, all for **£210**



Scrub clearing

The BSG Grader, 1.2m wide, is fitted with a tine adjustable in depth for loosening ground prior to levelling. It can also be used to create a narrow trench to lay pipes and cables where damage to the surface needs to be minimised. **£210**
NEW An **optional lifting jib** (max load 100kg) can replace the top link when heavy lifting or carrying is needed. **£49**



Making road

This way for pushing the other way for levelling.

The tractor can operate in both directions because the grader is reversible. By setting the tine in a shallow position it can be used to pull down and increase pressure on the blade. The final cutting or levelling angle, is adjusted by the top link. Towing a 1.2m chain harrow behind gives a great finish and scatters manure in grassland.



Snow clearing



Pipe laying



NEW

Lifting jib

Graders - for earth moving, levelling, back filling and snow clearing



The heavy rear mounted bulldozer/grader pivots on a large pin to give different angles, it is extremely strong and heavy, 1.2m wide, 90 kg - **£395** 1.4 wide, 100kg - **£460**. An optional rubber wear strip is available for snow, 1.2m - **£90** 1.4m - **£105**



Graders which have 360° rotation, mean that the tractor can be driven in the forward direction which is better for fine levelling and particularly when clearing larger areas of snow. The blade on the 1.2m model (left) can rotate 360° - **£469**. The model on the right, is heavier and has a second swivel at the headstock and so can work outside the line of the tractor. Width 1.2m - **£680**, 2.2m - **£1280**



Stone/ Landscape Rake - is for removing stones and other debris and is used for reclamation, or levelling uneven ground and preparing a seed bed. When used for beach cleaning, it will collect litter and rubbish and leave a smooth finish in one pass .

There is 360° rotation on the rake and also a swivel on the headstock allowing it to work beside the tractor. Sizes 1.2m (weight 108kg) - **£595** 1.8m (weight 160kg) - **£785**



Earth Scoop & Transport Box - Ideal for shovelling earth, rubble, sand & other bulk materials. Simply reverse for digging into the material to fill, lift & transport the load, then operate the tipping lever to empty all without leaving the tractor seat. A grading bar is fitted to the front of the scoop, this can be used for levelling of materials after tipping. By adjusting the blade angle it is possible to clear scrub & rough vegetation. The Buckrake fork attachment can be fitted to the scoop to increase the capacity for handling light materials.



It is also possible to use this implement for transporting goods such as bales, logs etc. It is made of heavy 3mm steel plate.



Earth scoop dimensions:
1.25m x 0.5m x 0.5m - **£320**
Fork attachment - **£110**



Larger Earth Scoop/Transport Box - for larger tractors of 25 to 70 hp. It can carry up to half a tonne and has side arms to give a greater tipping height. A large spring loaded latch automatically shuts after tipping. There are also two positions to connect the linkage to get the maximum lift and height. Models available 1.4m x 0.7 x 0.4m - **£465**, 1.8m x 0.9 x 0.5m - **£690**

www.bsgtractorsandmachinery.co.uk



Large Earth Scoop/Transport

Mini Rear Loader



Large Rear Loader

Mini Rear Loader FOR SMALL TRACTORS is an economical alternative to the rather expensive front loader which at around £3,000 often cannot be justified. The rear loader uses only the tractor's own three point linkage & can be fitted & removed in minutes. It has a trip operated tipping bucket for materials such as earth & sand, a fork attachment can be added to the bucket for manure and light materials. The bucket size is 62cm wide 33cm deep. The lifting height, (1.5m to 1.8m) & load (50kg to 75kg). This can vary according to the size & weight of the tractor. **£365.** Fork attachment **£76.**



Larger Rear Loader (left) for tractors 30 to 50hp, as Mini Rear Loader, but larger and with manually extending boom from **£1,060.**

Pallet Forks & Fork Lift. Three pallet forks are available. The smallest is constructed of folded steel giving maximum strength with light weight construction. The capacity is up to 200kg (4cwt) depending on the tractor used. Dimensions: fork length 85cm, width 80cm, space between forks 53cm **£245.** The heavier 300kg and 700kg models have adjustable folding tines and are of a very solid construction, to lift 300kg **£355** , to lift 700kg **£695**



200kg light pallet fork

Rear Mounted Fork Lift Two models are common with a lifting capacity of 300 and 600kg respectively. They can operate from the tractor hydraulics or with an independent pump driven from the PTO, the lifting height is sufficient to load the pallet onto a



300 and 700kg pallet fork

Fork Lift

- 300kg basic model **£1480**
- 600kg basic model **£2200**



Backhoe Diggers. Six models are available, the E 15 is the smallest, with centre pivot and 160' slew. All have dedicated hydraulic pumps, two lever operation and independent legs for stability with a choice of buckets. Digging depth E15 is 1.45m reach 2.5m **£4240**

The E19 and larger models have 180' slew and side shift to enable the backhoe to dig closer to walls and give extra reach. Digging depth 1.9m and reach 2.55m. including bucket , from: **£4,890** for model E19. others available on request



E15



E15



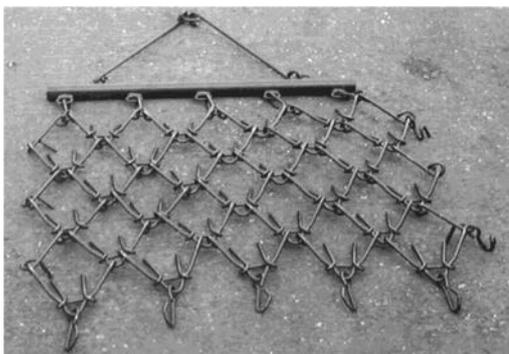
E19



Lifting Jib for lifting items that are too heavy to handle, such as logs & building materials. The larger (right), has a maximum lift of 600kg and is a direct lift on tractor hydraulics system. The smaller model (left), lifts 200kg and has a separate hydraulic ram and legs allowing a lighter tractor to lift. Both lifting jibs have a manually adjusted extension. Heavy model **£390** & lighter one **£410**



BSG Triple Grass Harrow is superior to most other grass harrows in that it can perform three different tasks, making it suitable for all types of growth & many different soil & weather conditions. The harrow is the most efficient piece of equipment available for the improvement of grassland & to encourage the germination of new growth.



The unique design allows three operations.

1/ With the tines facing upwards for the gentle levelling of seedbeds & equestrian exercise areas. 2/ With the tines facing down & to the rear for light harrowing of new grown & lawn type grass. 3/ With the tines facing down & forward for the improvement of meadows, the removal of dead grass & weeds to encourage new growth. The harrows are available as tractor mounted, or trailed for use behind every type of vehicle & can be joined to give a wider cover.



Working width	Length	Tine Section	Weight KG	Price
1.2m	1.2m	13mm	48	£178
1.8m	1.2m	13mm	55	£226
1.8m	As above	Tractor mounted	96	£468

Water Ballast Roller - The quantity of water can alter the weight for each task. There are three models available for every type of small tractor, quad bike, 4x4 & horse. Rollers can be coupled together by adding a linkage to make a gang of three. All are made from heavy gauge steel.

The benefits of rolling grass come in the form of levelling the ground & making the surface more firm, it also encourages tillering to improve growth. For the management & husbandry of grassland there is little doubt that traditional rolling & harrowing are the most cost effective operations.

Mounted or trailed 1m x 0,4m diameter



Trailed roller 1.5m x 0.5m diameter

With the larger rollers there is the option to add over a quarter of a tonne of water ballast.

- Roller 1m x 0.4m trailed **£360**
- Roller 1m x 0.4m mounted **£485**
- 1.4m x 0.6cm mounted only **£760**
- 1.5 x 0.5m trailed only **£488**
- Ball coupling in lieu of ring **£22**

Mounted roller 1.4 x 0.6m diameter



General Purpose Flat Trailer

EASY TO MOVE BY HAND - WILL CARRY ONE TONNE - USE ANY TOWING VEHICLE

This trailer is made for off road use. It can be used with all vehicles and is supplied with a ring or ball hitch. It is light enough to be moved empty by hand, but strong enough to carry a load of up to a tonne. It is fitted with wide flotation tyres, making it ideal for use on soft ground. The platform dimensions are 2.5m x 1.2m, with a loading height of 0.8m, overhaul length is approximately 3.2m. Tyre size 20 x 10 .00/8 - **£968**



Tipping Trailer 1.2 tonne

This trailer can be pulled by any suitable vehicle. A hydraulic service is needed to tip the trailer, (normally available on tractors), a hand pump system can be supplied as an option.



Fixed Sides

Specifications:

GTW 1.2 tonne. Tipping action through two stage hydraulic ram, adjustable drawbar jack included, sides hinge down and tailboard folds from top or bottom, tyre size is 20 x 10.00/8 Dimensions of body 1.8 x 1.2 x 0.3m. Trailer with fixed sides - **£1,365**. Trailer with drop sides - **£1,565**



Drop sides

Spinner Broadcaster

For fertiliser, seed, salt etc. The application of fertiliser to grass in small doses throughout the year can more than double the potential volume of grazing or hay. There is also often the need to broadcast grass seed to improve the general condition of pasture. This is a low cost implement which can be tractor mounted or trailed & driven by the PTO or land wheels. Salt can also be spread in icy conditions.

150 l trailed - **£390**, 250 l mounted - **£350**
500 l mounted - **£460**



150 litre trailed spinner



250 & 500 litre mounted spinner



Sprayer

For watering plants and controlling weeds. Easy to use with a PTO pump. A three piece folding boom & optional hand lance allow mobile spraying & also stationary use. Each boom section has a shut off valve (bottom left picture) for spraying smaller widths.

Fits most small tractors.



Model	Tank	Width	Output	Weight	Price
M Midget	90l	3m	80l/min	40kg	£1389
M Trailed	90l	3m	19l/min	66kg	£1495
Basic S	2000l	6m	80l/min	90kg	£1855

Scrub Puller – Essential for selective bush removal, prevents hedges spreading. Use with all tractors, quad bikes, horses, 4x4s, etc. Heavy steel jaws grip the stem and remove bushes up to 5cm. The safe way to handle thorns, just clamp it to a bush, stand back and pull. **£85**



Saw Benches – for logs. 4 models are available, 2 have sliding carriages with 0.55m blades, 1 with a complete sliding table and 0.6m blade and 1 with the same size blade and a swinging cradle.



Sliding carriage 150

- Models blade size
- 100, 55cm **£690**
- 150, 55cm **£770**
- 400, 60cm **£840**
- 900, 60cm **£990**



Swinging table 900

The tractor mounted log saw benches have all of the safety guards, which means the operator can operate the saw whilst keeping hands well clear of the blade. It is not necessary to touch the log during the sawing process. A stop lever is fitted to stop the blade very quickly in an emergency. The heaviest 900 model has wheels to allow the saw to be moved when not connected to the tractor.

Log Splitters. Made by Zanon in Italy. Features include auto-return of cutter, easy to set log length, For Safety, both hands must be on controls to position and split the log. A four way splitter is available to make smaller logs - **£67**, fits all Zanon models.

The two most popular models (of a range of 16) are the **electric powered model SL8 tonne** which can operate from a normal 13 amp socket, but still has a powerful two stage motor allowing easy operating and still a mighty 8 tonne pressure. - **£890**

The **tractor driven pto model SL9.5 tonne**. The independent PTO pump easily generates the 9.5tonne working pressure. This model works both upright or laying down. Now only - **£990**. **Seven other models available.**



PTO or
Petrol
driven



Bio 6 Chipper/ shredder. This is a great machine at a great price.

Whether it is being used to dispose of waste top growth or to create the ideal compost, it's heavy drum rotor with 28 shredding blades, two chipping blades and speed of 2850 rpm will do the job. It is designed to handle material of 4cm for shredding and 6.5cm in a different chute for chipping. An adjustable sieve enables different types of material to be produced.

Tractor driven model - **£1,680**.

Engine (Honda GX270) driven model on trolley - **£2,360**

Bio 8 Chipper/ Shredder - is fitted with a variable hydraulic feed (**allows exact control of speed of feed**). A safety feed auto-reverse, prevents overload, it also discharges directly into a trailer. The side chute folds for easier transport. There are two Bio 8 models, the **Model Bio 8T** tractor mounted, PTO driven and the **Model Bio 8B** powered by a Honda 4 stroke engine and mounted on a trolley for easy movement. Both models have the same technical specifications.



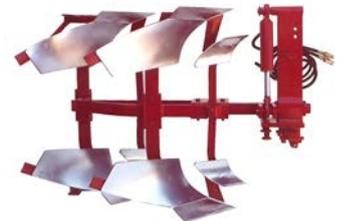
Specifications.
 Drum speed 2850rpm, fixed counter blade & 12 large hammers, 3 cutting blades.
 360 degree discharge chute, full EC safety features.
 Fully independent hydraulic system on engine and PTO model.
 Bio 8t **£3490**
 Bio 8B 13hp **£4690**
 Bio 8B 15hp **£4985**



Ploughs. The ploughs below are suitable for tractors of 15 to 40hp, all are equipped with a depth control wheel and skimmers, to bury all of the growth from the surface. The wide range of adjustments, mean that they can work on a wide variety of tractors, are easy to use and can produce a very good finish. Small plough **£390**- Medium plough **£590** Two furrow plough **£790**.

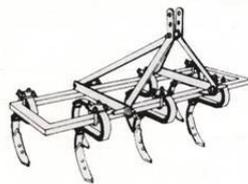


The Reversible Plough (for 15 to 50hp tractors) can operate in two directions in the same furrow, this is more efficient particularly in larger areas. Reversible ploughs also come with a depth wheel and skimmers and can be turned over by mechanical trip or hydraulic power. Single furrow rev plough (trip) **£695**—two furrow rev (trip) **£1780** two furrow rev (hyd) **£2680** larger ploughs available.



Ripper Cultivator 5 or 7 tines

For ripping up fresh ground, as well as levelling and cultivating rutted or ploughed land. The working depth is controlled by adjustable wheels, the multiple leaf spring tines give a shattering effect and can be moved for row crop work. The points are reversible for longer life. 5 Tine 1.2 wide **£545**. 7 Tine 1.5m wide **£675**



Disc Harrow for breaking clods, incorporating surface growth, levelling land & making a seedbed. The angle is adjustable to increase the degree of penetration. Width 1.0m 12 discs 179kg - **£990** 1.2m 14 discs 190kg - **£1070** 1.55m 18 discs 260kg - **£1440**

Spring Tine Harrow

For seedbed preparation before planting, vigorous grass harrowing and partial reseeding. Like the ripper above the spring tines vibrate to give a great shattering action and the points are reversible. A rear mounted following harrow (optional) has a further tilling and levelling effect particularly useful for reseeding. 1.2m - **£395** 1.5m - **£469**. Following harrow, 1.2m - **£188**, 1.5m - **£247**



Mole Plough/Subsoiler

LOWER THE WATER TABLE

DRAIN A WET AREA

AERATE THE SOIL

LAY A PIPE OR CABLE

BREAK THE SOIL PAN

Fits most small tractors . The blade is reversible between subsoiling & moleing. Depth adjustable up to 35cm.



Moleing is a very low cost way of creating underground water drainage channels to avoid waterlogging. Moleing in pipes & cables avoids the need to dig a trench. A pulling hook is provided. Supplied with full instructions. - **£365**



This larger heavy duty mole plough is for tractors from 35 to 70hp and has a removable expander - **£660**

Rotary Tiller (Rotovator)



This tiller is ideal for small tractors. It is driven through a gearbox and chain. The PTO shaft is fitted with a shear bolt to minimise damage to the tractor transmission if the blade should hit a rock. It runs on skids to control the depth and the rear flap is adjustable to produce the optimum finish. Width 1.2m - **£1295**



Side shift. Picture shows slide to move tiller to one side



Power Harrow for making seedbeds and reseeding patches in grassed areas. The adjustable crumbler roller both controls the depth and gently firms the seedbed. The rotating tines work at the pre-set depth leaving a fine even tilth. Power Harrow 1.3m wide - **£3200**, 1.5m - **£3480**.



Stone Burier Models are available for compact tractors, for preparing ground, burying stones and vegetation to produce a level seedbed ready for planting. Prices from - **£2700**

Rotary Mowers/Grass Cutter These versatile mowers can perform equally well as a lawn mower and as a grass topper in a meadow. **LOW POWER REQUIREMENT, HIGH SPEED CUTTING, SMOOTH EVEN FINISH.**



1.2m side discharge mower

These mowers, also known as finishing mowers, can cut grass up to 0.3m high at quite high speeds and leave a smooth even finish from 2.5 to 10 cm high. The cutting height is controlled by spacers setting the exact height of the four caster wheels. The 3 blades are driven through a sturdy gearbox with belt drive protection. The blades can easily be re-sharpened for a long life.



1.5m & 1.8m rear discharge

The side discharge mower has the ability to spread or create rows and then join them to make larger rows, this is particularly useful for topping or gathering grass or leaves. The rear discharge mowers chop and spread the grass behind. This is ideal when cutting less grass at a higher speed, such as lawns, sports fields and public places. Side discharge 1.2m **£1080** Rear discharge 1.5m - **£1295**, 1.8m - **£1365**.



Drum Mower - This is the quickest most efficient way to cut hay (not designed for rough ground & scrub clearing). It travels quickly on two rotating saucers, swinging blades ensure a clean cut & the maximum yield for hay or for silage.



A pair of contra rotating drums leave the cut material in a neat row. Two models types are available. The **in line** 1.15m cut (left) for small tractors up to 25hp - **£1495** & heavier 1.4m front or rear mower - **£2180**. The **offset** mowers 1.15m - **£1780** & the heavier 1.4m cut - **£2790** (small drum mowers are available for two wheel tractors)

Flail Mowers This is the most popular choice for those wanting to control grass and overgrown areas, The chopping and mulching action is greater with a flail mower than with any other form of grass cutter.



Flails vary in size and weight to suit tractor size and output. The TSS 1250 (cm) above left is ideal for compact tractors 15 to 25hp. The Z 115 (cm) is much heavier with a removable rear door and greater clearance for 20 to 30hp tractors. Ideal for seriously overgrown areas.

Flail Mowers	width	power range	weight	price
TSS 125	125	15/25	115kg	£1390
Z115	115	20/30	180kg	£1490
Z130	130	25/40	190kg	£1585

Also available: Flail mowers for orchards, offset flails, flail cutters for forestry and for tractors from 20 to 200hp (made by Zanon, Italy)

Trailed Flail Mower - for use with vehicles without PTO eg.

quad bikes, utility vehicles or 4 x 4s. An emergency motor stop is fitted and a screw adjuster controls the cutting height. The machine complies with safety requirements and so can be used in parks & sports fields etc. , it is not approved for road use. It is possible to fit standard blades, hammers or scarifying blades. Models include a 1.00m cut with a 13hp Honda engine - **£2490** and a 1.25m cut with a 16hp Briggs and Stratton Engine - **£3067**.



Hayrake/Hayturner - works on a tractor linkage or Implement carriers for other vehicles



Two wheel mounted rake

This mounted rake can be used to spread & turn grass or hay for drying and also to collect it into small or large rows, ready for removal by trailer, buckrake or baler.

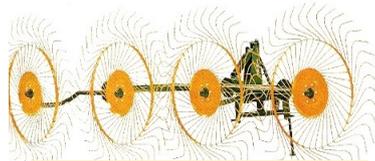
The flexible tines turn the wheels as the rake travels forward following the contours of the ground, moving the grass to the left, leaving a neat row & clean finish. Weeds and other cut green waste can also be collected for disposal, but not short grass.



Implement Carrier



Trailed Rake



Four wheel mounted rake

Models include a 1 wheel tractor mounted rake - **£335**, a 2 wheel mounted rake - **£490** (this can also be used with an implement carrier above) (see page 12), a four wheeled mounted rake - **£890** and a dedicated 2 wheel trailed rake, this has a manual trip to lift the wheels for transport - **£795**.

The light harrowing effect of the tines make this an ideal implement for the removal of **moss** and light aeration of grass.

COMPACT BALER MODELS—MINI & MAXI—The two small conventional or square balers are designed for use with small tractors of 20 to 50hp. Their small size & low cost makes them ideal for use in small paddocks. They are simple to use & easy to maintain. All machines can be delivered & installed by BSG.



Despite the compact size of the balers, they produce standard conventional bales tied with twine, which can be moved by hand or mechanically. The ram & tying mechanism is similar to those used in much larger machines, so a very long life can be expected from this compact little baler. Supplied with full baling & maintenance instructions.

Baler Dimensions: Bale size 34 x 44cm, length 40-130cm, weight 13 to 25kg, strokes per min 85, tractor hp from 20



Model	L	W	H	Pick up width	Weight KG	Price
Mini	3.95m	1.8m	1.35m	1.05m	900	£7950
Maxi	4.2m	1.9m	1.35m	1.3m	980	£8950

Utility Vehicles, Main Features

More Stability - The long low chassis gives very low the centre of gravity.

Less Ground Damage - The linear pivoting chassis divides the vehicles into two parts, the front part has the engine and controls and the rear part has the load. Because the two parts move independently the loading on the wheels is always even.

More Traction Greater Access - Compared with normal tractors, these four wheel drive vehicles with their differential lock, skeleton chassis and large tyres are lighter and less likely to sink in mud.

The standard build of a utility vehicle includes a three way tipping body, but there are many different types available, which can include PTO shaft's, three point lift, and different special bodies

Some of the Utility Vehicles sold by BSG over the last 18 years, showing the wide variety of uses for which they have been supplied.



Farm



Forestry Commission



Spraying Contractor



Management Centre



Country House



Golf Club



Scottish Island



Airport



Large Estate



Castle



Private Shoot



Film Studio

Caron Utility Vehicles are built in Italy. BSG have been supplying these vehicles in the UK for 16 years

There are two principal types, the single and the two seat models. Both have a linear pivoting chassis and low centre of gravity. Add to this excellent four wheel drive traction and a differential lock. This is an ideal combination for tractor, truck and all terrain vehicle.

Single seat models, can have conventional or articulated steering. Twin seat models all have conventional steering, both have models that are recognised by the EC as tractors for the purpose of road use.

Load capacity is from 1 to 6.5 tonnes. Engine sizes from 20 to 90hp. A typical transmission has 24 gears, features can include a three way tipping body a two speed PTO, a three point hydraulic lift, front mounted snow plough or a range of removable special purpose bodies .



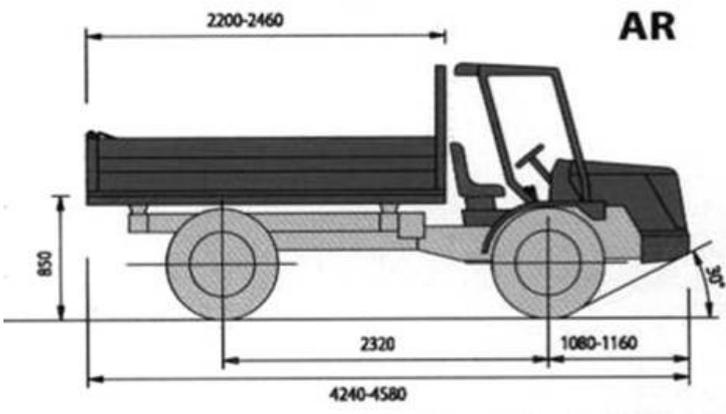
AR Model



C series Caron



CT Series



AR

These are typical dimensions, with a width or 1.65m, for general guidance for the larger single seat and C Series with 2 to 3 tonne carrying capacity and a 35 to 50hp engine. The standard wheels are 15" dia and 10" wide, 15" wide wheels are optional.

Price Guide single seat from **£14,000** C Series **£25,000** CT Series **£48,000**

Over the years BSG has adapted and supplied many special build Caron vehicles for it's clients in the UK.



For details and specifications of more than a dozen models, 20 to 90hp, 1 to more than 6 tonne load. Visit [www/caron.it](http://www.caron.it)

Used Equipment we are often able to offer our products that have been previously owned, or to indicate where they may be available. We do part exchange, or buy back our own products when they are no longer required.

Purchasing our machinery. We source all of our products from within the UK and Europe, in general the quality is very good and history shows that the purchase of quality agricultural equipment, that is properly used and properly maintained, is a sound investment. Finance can be arranged for our products where it is required.

Over the years, many organisations have used the goods and services of BSG



Hyde Park



Cornwall Wild Life Trust



Hull Golf Club



The National Arboretum



Pinewood Film Studio



The Eden Project



London Zoo



Organic Lea



The Dogs Trust



Isle of Rona



Barnsley Local Authority



Colchester Local Authority

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