

1-800-543-1040 www.**bcsamerica**.com





HISTORY

Designed and built in Italy since 1943, BCS has a proven track record of performance

and reliability. First imported into North America in the early 1970s, and now sold in over 100 countries with millions of daily operators, BCS is ready for you.



RELIABILITY

BCS Tractors are covered by the best warranty available! A limited lifetime warranty* covers

BCS tractor and transmission parts and the BCS network of more than 750 North American servicing dealers means help is never far away.



VERSATILITY

Reversible handlebars easily swing 180° to accommodate both front- and rear-mount

attachments that can be changed in less than a minute. Compared to the cost of single-purpose machines, BCS clearly offers the lowest-cost-per-use-per-year in the industry!





ALL GEAR DRIVE

Built with heat-treated steel gears and shafts, the all-gear drive transmis-

sion on a BCS Tractor provides rugged durability, unmatched power, and a low center of gravity for enhanced stability when tilling stony soil or mowing steep slopes.

Instant height and side-to-side handlebar adjustment and anti-vibration mountings provide comfort to the operator for all applications as well as unparalleled maneuverability.

PERFORMANCE
Commercial engine options from Honda and Kohler, plus gear driven transmissions, equal unrivaled power and performance. BCS Tractors will outperform any similar sized single-purpose machine.

DESIGNED FOR VERSATILITY.

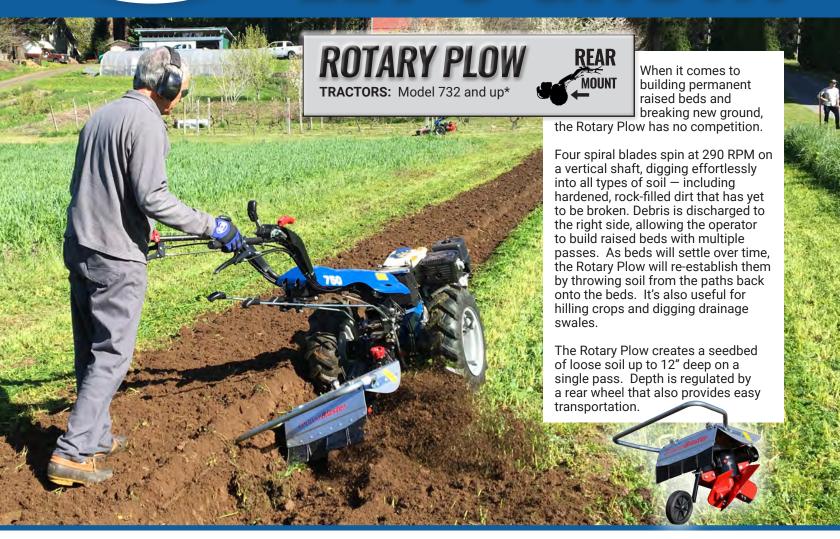
REVERSIBLE HANDLEBARS EASILY SWING 180° TO ACCOMMODATE BOTH FRONT-AND REAR-MOUNT ATTACHMENTS THAT CAN BE CHANGED IN LESS THAN A MINUTE.





COMPARE THE COST OF SINGLE-PURPOSE MACHINES TO THE COST OF JUST ONE BCS TRACTOR WITH ATTACHMENTS, AND IT'S EASY TO SEE THAT BCS OFFERS THE LOWEST COST-PER-USE-PER-YEAR IN THE INDUSTRY.

BCS LET'S GROW!



SWIVEL ROTARY PLOW

TRACTORS: Model 749 and up*



The Swivel Rotary Plow is for growers who want to discharge soil to the right OR left sides. This is essential when working on slopes as the soil should always be thrown uphill to keep the tractor level. It's also a huge time saver for initial seedbed preparation

since it enables the operator to "dead head" across the ever-increasing long distance of previously plowed soil.

The Bumper Weight Kit is recommended to offset the extra weight of this attachment. At 150 lbs, it's 40 lbs heavier than the standard Rotary Plow, and the weight kit makes it significantly easier to lift when swivelling the plowshares.



The Power Ridger is unique for a soilworking attachment as it is operated in front of the tractor. It leaves an open trench with ridges on either side, perfect for bulb or tuber planting. Soil discharge is controlled by the individually adjusted and extendable

POWER RIDGER

TRACTORS: Model 722 and up*



wings. The depth control wheel out front also functions as a travel wheel, making transport easy. Not recommended for primary tillage, the Power Ridger functions best on previously worked soil.

WHETHER YOU'RE A PROFESSIONAL MARKET FARMER

or a hobby gardener, BCS has the walk-behind equipment you need to grow your garden. All-gear driven tractors provide the power and performance to break new ground, build raised beds, cultivate, power compost, spread soil amendments, and more.



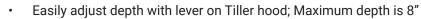
With BCS Tillers, aren't just for digging dirt, they're for building soil. Bust sod, prepare seedbeds, precision cultivate — all with one attachment. Then, when

gardening season is over, power compost spent plant material or between-season cover crops directly back into your soil to increase organic matter.

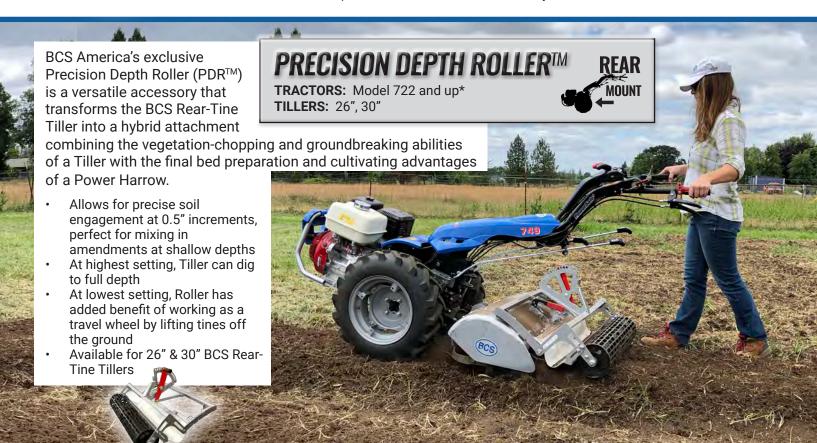
REAR

MOUNT

Because of its chopping action, the forward-rotating tines won't get tangled with plant material. With large tractor wheels in control and proper balance, the tiller avoids "tine walking" and, depending on soil quality, requires little-to-no downward pressure on the handles. Its compact design and the BCS tractor's instant handlebar height adjustments make turning at the end of the row incredibly easy.



- Tines rotate 50% faster than other brands at a rate of 20 rotations per wheel revolution in first gear
- Tine speed is adjusted to a 10:1 ratio in second gear perfect for shallow cultivation
- Planar wedge in center leaves no un-tilled strip and regulates depth
- Adjustable widths: 26" narrows to 20"; 30" narrows to 26"; 33" narrows to 28"
- 33" Model compatible with Model 750 Tractor only, see www.bcsamerica.com for details



(BCS)

MORE TOOLS TO HELP YOUR GARDEN GROW.



POWER POTATO DIGGER

TRACTORS: Model 739 and up*

PAN WIDTH: 18"

Like magic, the vertical vibratory motion of the Power Potato Digger's digging pan fractures the soil ahead of itself, and enables BCS Two-Wheel Tractors to eliminate the effort required to hand dig potatoes. The angle of the pan is adjustable, allowing for a maximum penetration of 6" below the level of the two support wheels, which are 14" in diameter and can straddle hill widths ranging from 20" to 30".

Located behind the 18"-wide pan is a set of horizontally vibrating bars through which the dirt and small stones fall. Potatoes and plant residues are efficiently moved over the horizontal rods and deposited behind the unit.



REAR

MOUNT





For folks looking to get into "low-till" or "no-till" methods, this is the tool that will take you there.

The traditional BCS Rear-Tine Tiller mixes soil with its vertically rotating tines, but the Power Harrow's tines spin horizontally, stirring the soil like an eggbeater. This solves two issues that are often attributed to regular tiller use:

> inversion of soil layers (which can bring up dormant weed seeds) and vertical soil compression (which can lead to hardpan formation).

- Easily and instantly adjust tine depth from 0" to 5" by raising or lowering the steel mesh roller
- Roller also levels and pre-tamps the soil for improved seed-to-soil contact



With an updated design, the Plastic Mulch Layer now supports both 36" & 48" plastic rolls. It will flat-lay 36" plastic, leaving approx. 26" exposed. It will also flat-lay 48" rolls, leaving approx. 38" exposed. Raised beds

PLASTIC MULCH LAYER

TRACTORS: Model 749 and up* **MULCH WIDTH: 36" or 48"**

can be covered using 48" rolls, provided they are approx. 30" wide and no more than 3" high. A prerequisite is that the soil needs to be well-worked, dry, and level.

- Optional Drip Tape Layer accessory lays a single line of irrigation while laying plastic
- Redesigned flange mount allows for truly-centered drip tape application
- Optional Toolbox accessory straddles frame and keeps frequently used tools nearby
- Includes 12" diameter disc-openers for use with raised beds





All BCS tractors have the capability to easily attach a variety of non-powered drag implements.

DRAG IMPLEMENTS

TRACTORS: Model 710 and up*



The Hiller/Furrower will create a furrow or hill plants while you till. It conveniently fits onto the back of all sizes of BCS Rear-Tine Tiller

Other drag implements require either the BCS Adjustable Tool Carrier accessory or a specialized mounting bracket. Learn more about available drag implements at www.bcsamerica.com.



BCS) READY, SET, MOW!

The Flail Mower, also known as the BladeRunner, is the most versatile mower in the BCS fleet. Often described as a "shredder-on-wheels," its vertically rotating hammer blades pulverize plant material into a tiny particle size that breaks

down fast. That's why the Flail Mower's most common job is cover crop management. While roller/crimpers and tarps will encourage decomposition of cover crops, there's nothing that will speed up the process like shredding with the Flail.

Finely shredding spent crops may be how it's used most often, but the Flail has the power and maneuverability to take down brush and small saplings with ease. And if the brush gets too thick for the caster wheels to be effective, simply fold them back to let the mower ride on its boron steel skids, and flail on.

Easily adjust cutting height from 0.5" to 4" with convenient crank

Optional lawn mowing "scoop" blades are available

Note: Add 7" to the working width of each model to account for caster wheels.

TRACTORS: Model 732 and up* WORKING WIDTHS: 24", 30", 35"





Which Flail Mower is right for you? The most versatile option is actually a hybrid of both! The standard Flail Mower (aka BladeRunner) is just as effective with cover crops in market farming applications as it is with clearing brush. All three sizes of the BladeRunner can be fitted with an optional full-length roller giving you the best of both worlds - caster wheels for maneuverability and roller to prevent scalping the bed surface.



TRACTORS: Model 739 and up*

WORKING WIDTH: 30"



With a builtin adjustable full length rear roller, a lower dome design,

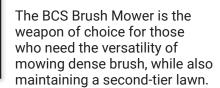
and thicker and wider blades, the RollerBlade produces a smaller plant particle size in a single pass than the BladeRunner. It's perfect for mowing cover crops, especially on raised garden beds because the roller eliminates scalping and guickly shreds short plant material for quick decomposition.

The cutting height (0.5" to 2.5") is truly designed for cover crop maintenance, and as such, the RollerBlade is less effective when clearing brush or woody plant material than the BladeRunner Flail Mower.

MOW ANYWHERE WITH A TWO WHEEL TRACTOR.

BCS offers a full fleet of mowing attachments that make easy work of any material you need to cut - from manicured lawns to brush and small saplings. Safely mow on slopes with your feet on the ground, or clear acres at a time while riding-in-style on the Mowing Sulky.





Mowing anything it can bend, the Brush Mower is a perfect solution for those areas that four-wheel tractors can't mow-across steep slopes, through walking trails, and more.

The Brush Mower's deck floats side-to-side to follow ground contours and features skids on either side that set the cutting height at 4". Two 1/4" thick swinging blades, mounted on a stump-jumping disc, fold back when encountering a rock or hard surface.

The BCS Heavy-Duty (HD) Combo Mower provides the best of both worlds: a brush cutter capable of reclaiming

overgrown areas and a cleaner cut suitable for maintaining your rural lawn, giving you a quality cut in both conditions without the hassel of switching mowers.

DECK WIDTH: 30"

The Combo Mower provides a 30" cutting width with a 1/4" thick fixed blade with three height settings. The floating deck follows ground contours while the caster wheels allow for easy maneuverability around obstacles. The casters easily fold back for use in heavy brush.





Save time, maintenance, and storage space by making your BCS tractor a manicured lawn mower, too! The BCS Lawn Mower outperforms most walk-behind mowers in the market with a steel deck and heat-treated steel gears running in oil bath.

Both sizes provide the option of side discharge or bagging. Bags are easily emptied and the side discharge port is above the deck for a wider dispersion of the clippinas.

Mowing height can be adjusted in seconds with a unique lever system that raises and lowers the blades without raising or lowering the deck.

BCS

THE CUTTER BAR THAT STARTED IT ALL...



The BCS Dual Action Sickle Bar Mowers step it up a notch from their single-blade predecessors. This unique and fast sickle bar attachment mows using two moving blades, each moving in equal and opposite directions. The dual-action reduces vibration for the operator and enables the operator

ACTION SICKLE BAR MOWER

TRACTORS: Model 722 and up* **BAR WIDTHS:** 47", 51", 59", 67", 71" 82"



to mow at more than double the ground speed of single action Sickle Bars.

BCS offers two versions of the Dual Action Sickle Bar: Dual Action WITH Fingers and WITHOUT Fingers. Both feature riveted guards on the lower teeth to allow for no clogging of mowed materials, and have spring-loaded blade tensioners for decreased vacillation.

The version WITH fingers, formerly known as "duplex", has been around for years and provides greater efficiency when mowing hay for forage harvesting. With reduced vibration compared to the standard Sickle Bar and fingers to assist in picking up grasses at the base, mowing can be performed at a much higher ground speed.

The version WITHOUT fingers is a better choice for areas where the material will be repeatedly mowed, but not collected. This version has heavier-duty self-adjusting tensioners and the lack of fingers lowers the chance of heavy thatch from previous mowings building up.

BCS PROPERTY MAINTENANCE.

Compared to single-purpose machines, it's easy to see that BCS offers the lowest Cost-Per-Use-Per-Year!

Small scale forage harvesting has never been easier! The 50" and 60" Hay Rake attachments for BCS Two-Wheel Tractors are a perfect compliment to the Sickle Bar or Dual-Action Sickle Bar mowers, which cut plant material once at its base and leave it intact.

HAY RAKE/TEDDER

TRACTORS: All models* WORKING WIDTHS: 50", 60"

The width and position of the windrows is controlled by the adjustable catching arm located on the side of the rake. Two models available: the single belt Model 145/1 for light use, and the dual-belt Model 165/2 for professional use.

Conveniently, the Hay Rakes easily convert into Tedders to re-distribute the windrow if needed to fully cure before final processing



The BCS Dethatcher, or "scarifier,"



attachment easily removes thatch and moss to encourage grass to grow thicker and healthier. It also helps grass receive TRACTORS: Model 732 and up* better access to water and oxygen which aides in deeper root growth.

> With a 26" working width, the front-mount Dethatcher is equipped with 48 freeswinging blades on three vertically rotating rods. The blades have a "fish tail" shape for blade longevity, and are offset from each rod to encourage maximum coverage with each pass. The blades are also reversible to provide double the working life.

A full-width front roller provides even dethatching and is also used to adjust blade depth. A swivel joint near the PTO connection gives the Dethatcher a "floating" feature which allows the implement to follow the contours of the ground.

This heavy-duty blade assembly can both push and level loose material. such as gravel, sand, and dirt.

DOZER BLADE

TRACTORS: Model 722 and up*





-OR-



Wheel weights are the Dozer Blade for

- To push, the blade is used as a front-mount attachment, like a bulldozer.
- To level, the blade is used as a rear-mount attachment, like a road grader.

Switching from one mode to the other is simple. Rotate the handlebars, remove a pin, flip the blade, and replace the pin – no tools required! Five angling positions are available in each mode to match conditions and achieve the desired end result. An optional Box Scraper Kit is available that includes two end plates and hardware.



Easily haul up to 550 lbs of compost, rocks, firewood, etc., and effortlessly maneuver through common 36" gates. The 11 ft3 capacity rust-proof poly tub dumps with a lever located on the heavy-duty steel tongue. When released, the tub easily rotates 45° to the right or left. With uneven terrain and curbs in mind, the Buddy Cart has a low center-of-gravity and a rotating tongue to keep your load safely in the cart until you get to where you're going.





The BCS Chipper/Shredder is as heavy-duty as it is useful. And since it's mounted to a Two-Wheel Tractor, it's also easily transportable.

A high carbon steel chipping blade mounted to a heavy, ½" thick flywheel is combined with 28 swinging steel flails for multi-purpose action. The rotor is much heavier than competitive chipper/shredder brands, creating more inertial momentum which translates into superior performance.

The Chipper easily processes limbs up to 3" in diameter, and the Shredder efficiently reduces fall leaves and spent crops into a mulch that's ready for quick decomposition. The discharge chute is equipped with a rod and lynch pin for quick removal of the discharge screen. Two adjustable caster wheels allow for easy transportation, and a pair of adjustable legs can be lowered for increased stability during operation.

Stop hauling logs to your splitter — drive your Log Splitter to the job instead with this highly efficient attachment built for BCS by Wallenstein, the premier Canadian manufacturer of log splitters.

The splitter can be operated either horizontally or vertically. It takes approximately 7 seconds to split a log that is 24" long, and another 7 seconds for the hands-free reverse to return the wedge to its starting position. The quality of all the components, along with its performance, make it appropriate for commercial operations.

- 16 GPM, two-stage hydraulic pump with 4" diameter cylinder conservatively rated at 20 tons of splitting pressure
- Average stroke time of 7 seconds (14 seconds with return)
- Large diameter tires and a wide stance make the Log Splitter both stable and easy to steer
- Horizontal or vertical operation
- Optional 4-way splitting wedge is available



UTILITY TRAILER
TRACTORS: Model 722 and up*
CAPACITY: 1100 lbs; 16 ft³

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Haul *and* ride with the BCS Utility Trailer!

With an 1100 lb capacity, this heavy-duty trailer includes a padded seat, foot and parking

brakes, and a removable tailgate. An easy-to-use dump feature also allows owners to unload smoothly and effectively.

REAR

MOUNT

The trailer attaches when the tractor's handlebars are in the rear-mount position only. By connecting the trailer to the tractor with a Curved Coupler, the tiller attachment can remain hooked up, with the tines elevated a couple inches above the ground. When not doing serious work, the trailer will serve double duty as a great runabout.

As its name implies, the High-Pressure Irrigation Pump moves water farther and higher than typical pumps would deliver. It's better for sprinkler systems and other irrigation applications when compared to BCS's Water Transfer Pump.

PRESSURE IRRIGATION PUMP

TRACTORS: All models* CAPACITY: 85 PSI x 145 GPM



The light and compact 85-PSI pump is manufactured by Rovatti of Italy (model M0-50A) and is easy to install. Constructed with high quality cast iron, the pump incorporates heavy duty helical gears, oil bath lubrication of the bearings, and a high-quality mechanical seal, which collectively yield high efficiency and a reliable, maintenance-free operational life.

The pump has plastic intake and outlet fittings, with 50' discharge and 25' suction hoses with cam lock fittings. A foot valve/strainer combo and steel strainer are included. The foot valve has a screen to keep out larger debris, and prevents drain back to maintain constant priming. It also has a caster wheel for easy maneuverability.



The max total head is 220 feet and the suction lift is 26 feet.



The Pressure Washer comes with a 50' hose, 36" pistol-style wand, and five tips for variable pressure output (angles

are 0, 15, 25, 40, and 65°). The customized powdercoated frame employs convenient storage for the wand, hose, and tips. And since it's mounted on a Two-Wheel Tractor, it includes an easily removable swivel caster wheel that helps transport the unit to the job site.

REAR

MOUNT

The compact size of this attachment makes it easy to remove and install on your BCS, and leaves a small storage footprint when not in use (20" x 20").

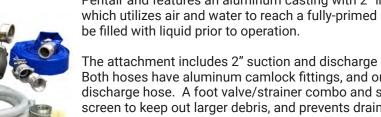
The AR pump is built to last with a forged brass manifold, ceramic plungers, and stainless steel valves.



WATER TRANSFER PUMP

TRACTORS: All models* CAPACITY: 50 PSI x 147 GPM

With a maximum of 50 PSI and 147 GPM, the Water Transfer Pump is fully capable of handling lawn and garden watering, flood water removal, and pond/pool filling.



The Hypro centrifugal pump is manufactured by Pentair and features an aluminum casting with 2" inlet and outlets. The pump is "self-priming," which utilizes air and water to reach a fully-primed pumping condition. Only the chamber needs to

MOUNT

The attachment includes 2" suction and discharge hoses, which are 25' and 50' long, respectively. Both hoses have aluminum camlock fittings, and one extra camlock fitting is included with the discharge hose. A foot valve/strainer combo and steel strainer are included. The foot valve has a screen to keep out larger debris, and prevents drain back to maintain constant priming. The pump is also fitted with a caster wheel for easy maneuverability.

The max total head is 115' and the suction lift is 28'.

BCS LET IT SNOW.



Sweep away dry snow completely, minimizing the possibility of snow residue melting and refreezing. Snow

clearing is the Power Sweeper's most popular job, but it has year-round potential: clear leftover salt and sand from sidewalks in the Spring and dethatch the lawn in the Summer. Keep driveways, paths and parking lots clear of leaves and dirt. Prepare asphalt for resurfacing with optional poly/wire bristles.

- Easily adjust angle of sweeper on-the-go
- Sweeper "floats" side-to-side following ground contours
 - Caster wheels with adjustable spacers determine the amount of deflection

Perfect for pushing wet, slushy snows. Blade easily adjusts to five different angles from the operator's position.

Uneven ground isn't a problem as the blade "floats" side-to-side independent of the tractor. Adjustable skids will elevate the blade for use on gravel driveways.

- Reversible and replaceable cutting edge
- Optional non-metallic cutting edge available for use on fragile surfaces like granite
- Standard weight kit helps blade maintain contact with ground when climbing an incline



Recommended Accessory: Snow Chains



DON'T STORE IT - USE YOUR BCS IN THE WINTER, TOO!Prolonged periods without use can be tough on small engines. With BCS, you only have

one engine to maintain and it's in use throughout the year. No need to winterize your lawnmower, or fight with that old snow blower that only gets started a few times a season.



All-gear drive and an impeller speed of more than 1200 RPM allow BCS owners to throw dry, wet, or icy snow up to 40

feet with ease. The stainless steel chute will never rust and conducts cold quickly, preventing snow from accumulating in the chute.

- Easily adjustable (no tools required) skids provide six height settings between 0 - 2"
- Rotate discharge chute on-the-go from operator's position
- Heat-treated steel gears in oil bath gearbox supported by ball bearings

Specifically designed to tackle the Monster Snowstorms that are becoming

more common, the Two-Stage Snow Throwers will blow away drifted snow with ease. Both sizes feature 3/8" steel plate blower housings and castiron gearboxes – designed for hard use and long life, just like BCS Two-Wheel Tractors.

- 23" intake height; 15" diameter auger
- Adjustable skids provide several height settings between 0 - 2"
- Skids can be replaced with adjustable rollers (included) that improve maneuverability



MAX, GARDENER & HARVESTER SERIES TWO-WHEEL TRACTORS

feature straight axles and "tried & true" spring-loaded double cone clutches. These models have smaller engines and simplified designs that don't include many of the features found in larger models. Perfect for those seeking a professionally built machine, but without the need for a full range of implements.



ENGINE: Honda GX240 (recoil start only) **WORKING SPEEDS:** 3 forward, 3 reverse;

WORKING SPEEDS: 3 forward, 3 reverse 0.8, 1.8, and 2.7 MPH

TRANSPORT SPEED: 8.3 MPH

STD. WHEELS: 4" x 10" (18" tires)

WHEEL WIDTH: 17.5"

WEIGHT: 200 lbs (tractor only)

Model 620 offers versatility with the ability to attach various mowers, snow implements, and blades. With three working speeds and one transport speed, the 620 offers appropriate speeds for each application. Designed for front-mount attachments only.



ENGINE: Kohler CH270 (recoil start only)

WORKING SPEEDS: 2 forward, 2 reverse;

0.6 and 1.4 MPH **TRANSPORT SPEED:** 6.8 MPH

STD. WHEELS: 4" x 8" (16" tires)

WHEEL WIDTH: 16"

WEIGHT: 213 lbs (with 18" Tiller); 235 lbs (with 20" Tiller)

The 710 is lightweight, compact in size, and loaded with BCS quality. Designed for decades of dependable service, its all-gear driven transmission, double cone clutch, and Kohler Command Pro engine make this a great investment for those interested in a basic range of attachments.



ENGINE: Honda GX200 (recoil start only)

WORKING SPEEDS: 2 forward, 2 reverse; 0.6 and 1.4 MPH

TRANSPORT SPEED: 6.8 MPH

STD. WHEELS: 4" x 8" (16" tires)

WHEEL WIDTH: 16"

HARVESTER

WEIGHT: 220 lbs (with 18" Tiller); 242 lbs (with 20" Tiller)

Like the 710, Model 718 is lightweight, compact in size, and loaded with BCS quality. It features the same all-gear driven transmission and double cone clutch as its smaller sibling, and it powers the same basic range of attachments, but it offers a few upgrades.

The two distinct differences between Model 718 and 710 are in the engine and handlebar system. The 718 is powered by a Honda GX200. Its handlebar system boasts several upgrades: Anti-vibration buffers, stationary control rod positioning, and an expanded selection of handlebar positions for the operator.



Model 722 is the most popular straight-axle BCS Two-Wheel Tractor model. Built much like the 718, but with a more powerful Honda GX240 engine and larger standard wheels/ tires. The extra power and increased ground clearance greatly expand the range of compatible attachments available for Model 722. It's also the smallest tractor model offered with an electric start option.

ROFESSIONAL SERIES TWO-WHEEL TRACTORS



feature Differential Drive with Lockout, providing exceptional maneuverability in tight spaces and increased traction in soft soil or on slopes. Professional Series models feature a handy Transport Speed to save time getting to and from



Model 732 is the most economical of the Professional Series BCS Two-Wheel Tractors, with more features, more horsepower, and more versatility than the smaller, straight-axle machines.

ENGINE: Kohler CH395 (elec. start optional) WORKING SPEEDS: 2 forward, 2 reverse;

0.7 and 1.7 MPH **TRANSPORT SPEED: 8.3 MPH STD. WHEELS:** 4" x 10" (18" tires) WHEEL WIDTH: 21" (variable)

WEIGHT: 295 lbs (rec. start w/ 26" Tiller)

Model 732 features slightly longer handlebars for increased operator control. But the most distinctive difference is Differential Drive and the ability to lock into positive traction with the flip of a lever. This gives the operator increased maneuverability by allowing one tractor wheel to spin independently of the other. Turning around at the end of a row can be performed in minimal space and with minimal effort — a must have feature when working in tight spaces like hoop houses. The lockout lever on the right handlebar provides instant positive traction in soft soil or when mowing across slopes, making the job easier — and safer.

Note: Model 732 comes standard with 4"x10"x18" wheels/tires. An optional upgrade to 5"x10"x19" wheels/tires is required to operate the Rotary Plow and Brush Mower attachments. Full compatibility chart on page 22.



ENGINE: Honda GX390 (elec. start optional) WORKING SPEEDS: 3 forward, 3 reverse;

0.9, 2.0, and 3.0 MPH **TRANSPORT SPEED: 8.3 MPH STD. WHEELS:** 5" x 12" (22" tires) WHEEL WIDTH: 22" (variable)

WEIGHT: 340 lbs (rec. start with 26" Tiller); 350 lbs (rec. start with 30" Tiller)

Model 853 owners can utilize every attachment available for BCS Two-Wheel Tractors. With a powerful Honda GX390 engine, individual wheel brakes, a third working speed, and larger wheels, this tractor is a workhorse that is ready for use year-round.

Individual wheel brakes reduce operator effort when steering large, heavy implements, like the 32" Brush Mower. Mowing jobs can also be completed more

quickly with the addition of a third working speed, a brisk walking pace of nearly 3 MPH. Attach the Utility Trailer to truly take advantage of the transport speed and ride in style around the farm.

The difference between Models 852 and 853 is simple: The transport speed is only accessible in rear-mount (Tiller) mode on the 853. On the 852, the transport speed is only accessible in front-mount (Mower) mode. Model 852 is the choice

for users who will primarily be using their tractor for mowing and snow removal.

Models 852 and 853 are the only BCS Two-Wheel Tractors that include a third working speed in addition to a transport speed.



PowerSafe® SERIES TWO-WHEEL TRACTORS

put a premium on safety with features designed around a European Union safety standard that went into place over a decade ago. "Safe Power" is achieved by linking the Operator Presence Control to a hydraulic control valve. When the OPC is released, the tractor's wheels and implement stop immediately.

PowerSafe tractors are also super convenient, because while the wheel and implement stop, the tractor's engine stays running. No shifting is required to get moving again, simply squeeze the clutch and OPC levers, then release the clutch.

The hydro-mechanical clutch is also incredibly durable. Quality control testing at BCS requires that a clutch survive a minimum of 5,000 engage/disengage cycles. The testing for the PowerSafe clutch was voluntarily discontinued after 20,000 cycles!



Model 739 is the most economical PowerSafe tractor option. Its third working

speed is perfect for users who want to mow large areas efficiently, or anyone planning to use high-torque implements like the Flail Mower or Chipper/Shredder due to its oil-cooled hydro-mechanical clutch.

ENGINE: Honda GX340 (elec. start optional)

WORKING SPEEDS: 3 forward, 3 reverse;

0.8, 1.8, and 2.7 MPH

TRANSPORT SPEED: N/A STD. WHEELS: 5" x 10" (19" tires) WHEEL WIDTH: 22" (variable)

WEIGHT: 313 lbs (rec. start with 26" Tiller);

323 lbs (rec. start with 30" Tiller)



PowerSafe[©]

ENGINE: Honda GX390 (elec. start optional) WORKING SPEEDS: 3 forward, 3 reverse; 0.9, 2.0, and 3.0 MPH TRANSPORT SPEED: N/A

STD. WHEELS: 5" x 12" (22" tires) WHEEL WIDTH: 22" (variable)

WEIGHT: 344 lbs (rec. start with 26" Tiller);

354 lbs (rec. start with 30" Tiller)

Model 749 is the best option for most professional market farmers because it's capable of running virtually every attachment and it has all the features that make work easier. Features like differential drive with lockout, individual wheel brakes, and the coveted PowerSafe clutch. Don't just take our word for it, this is the model you'll see your local small scale growers walking behind - the people supplying local farmers' markets, CSAs and restaurants.

ENGINE: Honda GX390 (elec. start optional)

WORKING SPEEDS: 3 forward, 3 reverse;

0.6, 1.4, and 2.1 MPH TRANSPORT SPEED: N/A

STD. WHEELS: 6.5" x 12" (22" tires)

WHEEL WIDTH: 26" (variable)

WEIGHT: 474 lbs (rec. start w/ 33" HD Tiller)

OPTIONAL TRANSMISSION WEIGHTS: 76 lbs

Designed for the most demanding tillage applications, Model 750 has the features necessary for commercial market farms and nurseries. It's the only BCS Two-Wheel Tractor capable of powering the heavy duty 33" Tiller attachment thanks to its heavy-duty cast iron mounting flange at the PTO connection point.

Model 750's ground speeds are slower than other PowerSafe models due to built-in gear reduction mechanisms. These slower ground speeds increase the tractor's PTO revolutions approximately 30%, giving it more "bites" per forward

foot of travel. For the tiller, this means it will till deeper in a single pass. For a mower, this means it will chop plant material more thoroughly.

If you plan to routinely use drag implements, Model 750 is a good choice due to its larger wheels and optional transmission weights. The standard 12" wheels will accommodate 150 lb wheel weights and the optional transmission weights, specifically designed for Model 750, add an additional 76 lbs.



PowerSafe® TWO-WHEEL TRACTORS WITH HYDROSTATIC DRIVE

enable the operator to select the ground speed and direction of travel without the need to shift or vary the throttle setting. The comfortable "EasyGrip" lever on the right handlebar precisely dictates the machine's ground speed, which is especially convenient for applications that require frequent changes of direction. These are the ideal machines for professional groundskeepers and landscape contractors.





ENGINE: Vanguard 16HP Twin (rec. start only) STD. WHEELS: N/A

WORKING SPEEDS: Low Range: 0-3.0 MPH;

High Range: 0-4.5 MPH

TRANSPORT SPEED: N/A

WHEEL WIDTH: Variable (24" axle width) **WEIGHT:** 331 lbs (tractor only, w/out wheels)

TRANSMISSION: Hydrostatic



Designed for commercial slope mowing applications and oriented for front-mount attachments only, Model 660 features a 16HP twin cylinder Vanguard engine to provide both the power and engine oil lubrication needed for slopes up to 30 degrees. Hydraulically-activated, individual clutch-brake mechanisms allow operators to effortlessly

navigate steep and rough terrain while enjoying the benefits of positive wheel traction.

A variety of wheel options for the 660 allow you to choose the wheels best suited for your application. Spiked Barrel wheels and SuperBite Cage wheels ofer grip on steep slopes, while Turf and Lug Flotation wheels offer ideal weight disbursement in sensitive areas. Outside of mowing season, this machine easily powers the Two-Stage Snow Thrower, earning its keep year-round.



MODEL / **PowerSafe®** HYDRO

ENGINE: Honda GX390 (elec. start optional) WORKING SPEEDS: Low Range: 0-2.7 MPH;

High Range: 0-4.0 MPH

TRANSPORT SPEED: N/A

STD. WHEELS: 5" x 12" (22" tires)

WHEEL WIDTH: Variable (27" axle width) WEIGHT: 305 lbs (rec. start, tractor only)

TRANSMISSION: Hydrostatic

Model 779 is truly a game changer in the Two-Wheel Tractor world - an allgear-driven power unit with hydrostatic drive to the wheels, a hydro-mechanical clutch, and reversible handlebars.

Especially for front-mount applications like moving and snow removal, the "hydro" can provide continuous, maximum power to the attachment while enabling the operator to effortlessly match the ground speed to the chang-

ing requirements of the task. The same control lever that regulates ground speed also allows for seamless changing between forward and reverse - again, without interrupting power to the attachment. And an individual cast iron drum brake for each wheel makes maneuvering in

tight areas even easier.

For rear-mount applications, like soil working, a built-in safety prevents shifting into reverse without first disengaging power to the attachment.

The overlay of hydrostatic drive, added to the other great features of the PowerSafe series, make the 779 both the most versatile tractor in the BCS lineup and a logical choice for applications involving multiple operators.



Certain applications may require additional accessories to assure your tractor and attachments perform optimally.

PTO CONNECTIONS

Quick Hitches, Extensions, and Adapters.





The BCS Quick Hitch system is as popular as it is useful. Instantly connect or disconnect PTO driven attachments without the need for tools. Many non-powered attachments utilize the same connection point with an empty tang (left).

PTO Extensions (3") are useful when front-mount implements



need to counterbalance engine weight. For example, when using a

smaller Sickle Bar Mower while ascending a hill. Also necessary for extra clearance when connecting some attachments.



Spline Drive **PTO Adapters** allow older attachments (built before 1995) to connect to current

tractor models, and vice-versa.

The **Power Cradle** is a minitransmission that increases the maximum PTO speed from 990 to 3600 RPM. It's required for the Log Splitter, Pressure Washer, and Water Transfer Pump.



EXTRA WEIGHT

Weights for extra traction or improved balance.



Two-Wheel Tractors are lightweight machines. Adding weight is a simple way

to increase traction. Cast iron Wheel Weights that bolt into the hubs of standard wheels are available in several sizes, as well as Barbell Weight Hangers (left) that make adding and removing weight quick and easy.



Heavy rear-mount implements, like the Swivel Rotary Plow, can be counterbalanced with a Bumper Weight Kit that will reduce the effort of lifting larger attachments when turning around.



Sickle Bar and Snow Thrower Weight Kits help these attachments maintain ground contact when they are operated while ascending a slope.



If extra traction for Drag Implements is a priority, consider Model 750. Optional **Transmission Weights** designed specifically for this tractor add an additional 76 lbs.

MOUNTING

Tool Carriers, Draw Bars, Couplers and more.



The Adjustable Tool Carrier Kit is required for drag implements. The kit includes the Adjustable Tool Carrier and standard Draw Bar Hitch, which mounts to the tractor's PTO connection point. The Draw Bar can also be combined with an empty tang to take advantage of the Quick Hitch system.

Mount the 1-Meter Straight Bar to the Tool Carrier to accommodate multiple drag implements, like Ridgers, at once. The bar can be purchased individually, or as part of the **Bed Shaper Kit**.





Curved Couplers easily slide onto the tractor's tow-hitch. Required to connect the Utility Trailer, Spreader, and Log Splitter. The "Curve" is designed to enable the Tiller to remain attached (although raised off the ground) while the Utility Trailer is in use.

WHEELS, TIRES, & AXLES

Add application specific wheels and tires or widen your wheel width.

BCS offers a wide variety of different wheels and tires to customize your tractor to the task at hand. The



standard Pneumatic Tractor wheels and tires come in several sizes, and the 5x10, 5x12, and 6.5x12 versions can be upgraded to be Foam Filled. Other options available include Lug Flotation wheels, All-Terrain wheels, Turf wheels, SuperBite Cage wheels, and several sizes of Steel wheels.



There are even Spiked Barrel wheels for traction on steep slopes.

A Tiller **Transport** Wheel easily installs behind any BCS Rear-Tine Tiller to raise the tines off the ground for easy transport.

Snow Chains and Spider Bungees are

a great way to get extra traction when operating the Snow



Thrower, Power Sweeper, or Snow Blade.



Wheel Extensions are used for a variety of applications. Widening your wheel width can improve stability on hillsides or rough terrain. It's also useful for folks who want to straddle their garden beds to prevent soil compaction. Available in 4.5", 5.5", 16", and 22" widths and able to be used in combinations. Wheel extensions also provide the ability to use dual wheels for extra traction and less compaction. Two sets of 4.5" extensions are required to install dual wheels on a tractor.

Visit www.bcsamerica.com to see the full line of **BCS Tractor Attachments & Accessories.**

COMPATIBILITY CHART Don't limit your future productivity! Choose a tractor that will power all the attachments you need now — and in the future.



			STANDARD CLUTCH						POWERSAFE CLUTCH				
			620	710	718	722	732	852/853	739	749	750	779	660
GARDENING/SOIL WORKING	Rear-Tine Tillers	18"		*	*								
		20"		5	5	*	*						
		26"/PDR				*	*	*/2	*	*/2	9a		
		30"/PDR						*/2	*	*/2	9a	*/2	
		33" HD									9b		
	Rotary Plow						3a, 6a	6a	6a	6a	6a, 9a	*	-
	Power Ridger	22"	*			*	*	*	*	*	9a	*	-
	Ridger (drag)			4, 11	4, 11	4, 11	4, 11	4, 11	4, 11	4, 11	4, 9a, 11	4, 11	-
S	Swivel Rotary Plow	01"				F 0	F 0	5, 6a	F 0	5, 6a	5, 6a, 9b	5	-
GARDENING	Power Harrows	21" 30"/32"			-	5, 8	5, 8	5, 8	5, 8	5, 8	F 0 0a	F 0	-
	Plastic Mulch Layer	48"				-		5, 8 4, 6a, 8	5, 8	5, 8 4, 6a, 8	5, 8, 9a 4, 6a, 9a	5, 8 4, 6a, 8	\vdash
	Spreader	6.5 ft ³				-	7b	7	7b	7	7	4, 6a, 6	
	Power Potato Digger	18"					70	5	5	5	5, 9a	5	
	Bed Shaper	"		 		<u> </u>	4 11	1	-				
		\vdash		4.44	4.44		4, 11	4, 11	4, 11	4, 11	4, 9a, 11	4, 11	-
	V-Cultivator	\vdash		4, 11	4, 11	4, 11	4, 11	4, 11	4, 11	4, 11	4, 9a, 11	4, 11	
	Subsoiler	20"	-					4, 11		4, 11	4, 9a, 11	4, 11	
	Sickle Bar Mowers	30" 40"	*	*	*	*	*	2	*	2	2, 9a	2	0-
		-	*	*	*	*	*	2	*	2	2, 9a	2	9a
		45" 53"	*			*	*	*	*	*	9a	*	9a
כה		47"				 	*	-	*	*	9a	*	9a
	Dual Action Sickle Bar Mowers (with fingers)	59"	*			*	*	*	*	*	9a	*	9a
\geq		71"		 			 	*		*	9a 9a	*	9a
4R						-		*	*	*	9a 9a	*	9a
SNOW REMOVAL MORE TOOLS MOWING /BRUSH CLEARING	Dual Action Sickle Bar Mowers (without fingers)	51"	*			*	*			*		*	9a
		67"	*			 		*	*	*	9a	*	9a
		82" 24"				-	20	-	-1-	-1-		-1-	9a
	Flail Mowers	30"				-	3a	*	*	*	9a	*	0-
		35"						*	*	*	9a 9b	*	9a 9b
		21"	3a	3a	3a	3a	3a	*	*	*	90		90
	Brush Mowers	26"	3a	3d	Ja	3a	3a	*	*	*	9a	2	9a
		32"	Ja			J 3a	3a	2	*	2	9a 9a	2	9a 9a
	Combo Mower	30"				-	3b, 6a	2	2, 3b, 6a	2	9a 9a	2	9a 9a
	Combo Mower	22"	*	*	*	*	± ±	-	2, 35, 04		74		74
	Lawn Mowers	38"	^	<u> </u>	<u> </u>	<u> </u>	<u> </u>	2	2	2	2, 9b	2	9b
	Dethatcher	26"					*	*	*	*	9a	*	9a
	2011101101	50"	3a	3a	3a	3a	3a	*	*	*	9a	*	9a
	Hay Rake	60"			- 54	"		2	2	2	9a	2	9a
	Mowing Sulky	"	*			*	*	*	*	*	*	*	
	Dozer Blade	36"	4			4	4	4	4	4	4, 9a	4	9a
	Utility Trailer	16 ft ³	·			7b	7b	7	7b	7	7	7	
	Buddy Cart	10.3 ft ³	*	*	*	*	*	*	*	*	9a	*	9a
	Chipper/Shredder	3" limbs	*			*	*	*	*	*	9a	*	9a
	Log Splitter	24" logs			7b, 10	7b, 10	7b, 10	7, 10	7b, 10	7a, 10	7a, 9a, 10	7a, 10	
	Pressure Washer	4.0						10	10	10	9a, 10	10	9a, 10
	Water Transfer Pump	50 psi	10	10	10	10	10	10	10	10	9a, 10	10	9a, 10
	Irrigation Pump	85 psi	*	*	*	*	*	*	*	*	9a	*	9a
	Power Sweepers	30"	*	*	*	*	*	*	*	*	9a	*	
		40"	*			*	*	*	*	*	9a	*	9a
		48"						*	*	*	9a	*	9a
	Snow Blade	40"	*			*	*	*	*	*	9a	*	9a
		24"	2	2	2	2	2	2	2	2			
	Snow Throwers	28"	2			2	2	2	2	2	9a	2	9a
	Two, Stage Snow Blowers	28"						*	*	*	9b	*	9b
/)		33"						*		*	9b	*	9b
				COMPATIB	ILITY KEY	★: No acce	[An empty box signifies "not compatible."]						
		2: Require	es Quick Hitcl	n and/or PTO	Extension for	tire clearance	or engine bala	ance 7	Requires Cu	rved Coupler	(a: large or b:	small)	
		3. Pequir							R: Requires Quick Hitch Bushing				

- 3: Requires wheel upgrade (a: 5"x10" or b: 5"x12")
- 4: Wheel weights or barbell hangers recommended for increased traction
- 5: Bumper Weight recommended to offset attachment weight
- 6: Requires Wheel Extensions (a: 5.5" or b: 22")

- 7: Requires Curved Coupler (a: large or b: small)
- 8: Requires Quick Hitch Bushing
- 9: Requires 750 Bushing (a: 2-bolt or b: 3-bolt)
- 10: Requires Power Cradle Kit
- 11: Requires Tool Carrier Kit











BCS America, LLC 14151 Fir Street Oregon City, OR 97045 www.bcsamerica.com 1-800-543-1040 (M-F, 7am-5pm PST) Always wear safety gear appropriate for the equipment you are operating: gloves, eye and ear protection, and protective clothing.

Specifications are subject to change without notice or obligation. Other engine options may be available.

Warranty and return policies vary for commercial/rental customrers.

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