

**EARTH  
EARTH TOOLS  
TOOLS**

**EXCLUSIVE  
Equipment Catalog  
2005**

***Direct Imported or Custom Made  
Implements & Accessories  
For BCS & Grillo  
Walk-Behind Tractors***

**EARTH TOOLS**  
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[www.earthtoolsbcs.com](http://www.earthtoolsbcs.com)

# EARTH TOOLS

**Greetings from Earth Tools!** Located out in the country north of Frankfort, Kentucky, we are proud to be the only power equipment dealership in the U.S.A. whose primary focus is the sales and service of **walk-behind tractors and compatible implements.**

I'm Joel Dufour, founder of Earth Tools. I've been around BCS equipment since 1977 when my Father purchased one to start a homestead in southern Indiana. He liked it so well he took on the dealership for his area in 1978; our farm grew into a market vegetable garden as our power equipment dealership slowly expanded as well. I started using BCS machines on our farm and working in Dad's shop when I was 11 years old.



Shannon & Joel

Being able to show customers firsthand what BCS equipment was capable of (we worked as many as 10 acres of vegetables, mowed up to 17 acres of hay, cleared snow off a half mile driveway, all with an 8 hp BCS - put nearly 2000 hours on that first machine with virtually no repairs), Dad's dealership soon became the largest in the region. In 1993, I took over Dad's BCS dealership and ran it in Indiana for several years. When marriage brought me to Kentucky in 1997, I started a BCS dealership at my new home near Frankfort.

**Shannon and Carole Kington** joined Earth Tools in 2002. Shannon has many years experience in all types of machine work; he and his wife, Carole, have also farmed using BCS as their primary power equipment.

In addition to selling and servicing walk-behind tractors, we also offer a line of hand-forged European garden tools that I've found... because a good hoe or shovel is so hard to find these days!

In the United States, walk-behind tractors are generally considered 'lawn & garden equipment' -for example, the product catalog and website from BCS America is geared toward the lawn & garden market. But this is very misleading as to the full capabilities of these tractors. 'Lawn & garden equipment' in the U.S. is, by and large, relatively low quality equipment designed to perform single tasks (lawn mower, tiller, snowblower, etc.) and wear out quickly. In contrast walk-behind tractors belong in a totally different class of machine which includes and surpasses lawn & garden: **Small scale agricultural equipment.**

In Europe (primarily Italy), many companies produce walk-behind tractors (BCS, Grillo, Rapid, Pasquali, Goldoni, SEP, Ferrari, Antonio Carraro, MAB, Agris, Bertolini, and twenty or so more) for use on small farms and /or rugged or steep terrain. All these two-wheel tractors share the same characteristics, regardless of the manufacturer: complete gear drive, automotive type clutch, power forward and reverse (usually multiple speeds) and easily interchangeable attachments (or implements) for a variety of Farm, Industrial, Landscaping, Lawn, Garden, Vineyard, Orchard, and Municipality uses. These machines are made to last the average user a lifetime when maintained properly. BCS, made near Milan, Italy for close to 50 years, is the largest selling walk-behind tractor in the world, sold in 80 countries. Grillo, also Italian, actually partnered with BCS in the 1960's to help BCS develop their tilling implements.

The literature and website of BCS America (BCS's American import headquarters) lists the models and attachments that are imported and offered for sale in North America by BCS's dealer network. However, there are many more implements available in Europe from other manufacturers to fit both BCS and Grillo tractors. We import many of these implements ourselves and keep them in stock, and can special order these implements to fit other European walk-behind tractors. (See Equipment Catalog)

We always keep 20 to 30 tractors in stock, dozens (possibly hundreds, if we sat down and counted them all!) of implements and accessories, and forty to fifty thousand dollars worth of spare parts, including parts for the implements we import ourselves.

If you'd like to visit our shop, we have plenty of land to demonstrate BCS equipment with any attachment. But if you're coming to visit, CALL AHEAD at least one day in advance! Retail business hours are by appointment (yes, weekends, too), so the more notice you give us the better we can set our schedule to fit your schedule. We are occasionally out of the shop doing deliveries, demonstrations or displaying equipment at trade shows. Also, you will need directions... we can give them to you over the phone, mail them, or fax them to you. If we're not around the phone, please leave a message! We will get back to you!

If you live too far away to visit, we do ship equipment (assembled, checked out and ready to run) via truck freight at very reasonable rates in the U.S. and Canada. Feel free to call for a freight quote.

Please contact us if you have any questions or need more information.

*Y'all take care, (We learned that in Kentucky!)*

**Joel Dufour & Shannon Kington**  
**EARTH TOOLS**  
**502-484-3988**

(Sorry, no e-mail - please, call us if we can help you!)

## ORDERING INFO & TERMS

### ORDERING:

Order by phone, fax or mail. Phone preferably, to keep confusion at a minimum! (So many options to choose from!) Sorry no e-mail.

### PRICES:

All tractors and attachments in our [PRICE LISTS](#) are shown at suggested retail price and/or sale price; sale prices good year round. Prices are subject to change without notice however, if our suppliers change the prices to us. Prices listed in this [EQUIPMENT CATALOG](#) are sale prices. Special order items have approximate prices.

### PAYMENT:

Accepted forms of payment are Cash, Check, Visa & Mastercard.

### DISCOUNTS:

Call for information on quantity purchase discounts, factory rebates, or promotions that might be in effect.

### FINANCING:

Available through Shopper's Charge Account Company on most equipment with approved credit. Call for details.

### SHIPPING OPTIONS:

#### Shipping:

Merchandise orders under 100 lbs. typically go UPS, order over 100 lbs. typically go truck freight. On orders shipped UPS or freight truck, freight charges prepaid by us and added to merchandise total. On truck freight, call for rate quote to the nearest terminal or to your door (truck freight rates are discounted 65% because of our volume discount). Shipping charges to a business are usually the same as to a freight terminal; residential delivery adds \$30 - \$50.

#### Earth Tools Delivery:

Available for merchandise purchases at least \$2,500.

The advantages of having equipment delivered to you by us are:

- all machines fully set up, and test run
- no uncrating
- no having to unload off a semi-truck
- we will spend at least an hour familiarizing you with the equipment and giving use and maintenance instructions.

#### Earth Tool Delivery Charges:

- Within 250 road miles and merchandise totaling between \$2,500 - \$5,000
  - *Equivalent of freight truck charges plus \$50.*
- Within 250 road miles and merchandise totaling between \$5,000 - \$8,000
  - *Equivalent of freight truck charges.*
- For orders totaling over \$8,000 or greater than 250 miles
  - *Call for quotes.*

#### Pick-Up:

Orders picked up at our shop have all the advantages of our delivery service at no additional charge, plus you get to see all our neat stuff!



Model 620 with Round Hay Baler Attachment



**B** = Fits BCS Tractors

**G** = Fits Grillo Tractors

**SECTION ONE: HAYING EQUIPMENT**

The maneuverability, compact size, ability to safely work on steep slopes (up to 45° [100%]) and relative low price (when compared with the four wheel tractor haying equipment) make this small scale haying equipment very attractive to small farmers, especially in rough or small field sizes where full size equipment is impractical. Also popular in the South for raking and baling pine straw. Built to agricultural standards of quality, this equipment will last for many years with minimal maintenance.

**1. MOLON SIDE-DELIVERY HAYRAKE / TEDDER**

This well designed tool is PTO driven, so it has plenty of power to move a large amount of hay and sweep the ground clean. In fact, when lowered all the way, the tines will de-thatch a lawn! It also works very well as a tedder (spreads the windrows of hay back out in case it gets wet before baling) - - it takes about 20 seconds to convert from a rake to a tedder or back again; just one simple frame adjustment. Front wheels steer to guide the machine; steering lever protrudes back over tractor to operator. Available in 40", 48", and 60" widths (only 60" stocked; others special order). 40" size works well for raking pine needles in narrow rows. Fits any BCS tractor 8 hp & larger.



**B**

**SALE PRICE: 60" - \$1,800**

**2. CAEB ROUND HAY BALER**

Built well enough for everyday agricultural use, this mini-baler produces a 40 to 60 pound (depending on moisture of hay and how tight you roll it) bale measuring 21' x 23", every 60 seconds or so with maximum size windrow. Bales are formed by a series of chain-driven patented aluminum rollers around the circumference of the bale chamber - - no belts or bands to dry-rot or need adjustment. Forms a soft-core bale which allows air to circulate through the bale center while the outside of the bale is rolled tight to shed moisture if left outside. Bales are wrapped with a self-sticking UV resistant nylon mesh OR a biodegradable mesh upon request.

An indicator on the side of the machine tells the operator when the bale is fully formed, at which point the operator pulls a lever which trips the wrapping, wrap cutting and chamber opening cycle. The operator then sets the bale out of the chamber, closes the chamber, and resumes baling. As with the hayrake/tedder, the front wheels steer to guide the machine with a steering rod that comes out to the operator. This baler will bale hay, leaves, and even pine needles as long as the material is dry (green hay can be made into silage using the CAEB Bale Wrapper [# 3]). Comes with one roll of mesh netting (wraps approx. 425 bales), automatic chain oiler, parking brake and male quick hitch built in. Requires tractor be equipped with female quick hitch.

*Options include:* Gathering wheels (increase pickup width from 28" to 38") and dual front tires (recommended for slopes over 35 degrees). Operates on tractors 8.5 hp & larger. **(Also available in a version to tow behind a 4-wheel tractor; requires min of 18 hp and hydraulics. Special order only - Call for prices.)**

**B**

**PRICE : \$6950**

**Gathering Wheels: \$325**

**Dual Front Tires: \$200**

**Roll of Net Wrap: \$70**



**Which one are you going to pick up?**



# HAYING EQUIPMENT PACKAGE PRICING

## **ECONOMY PACKAGE:**

Model 620 BCS Tractor with recoil start, 45" Cutter Bar with Grease Type Gearbox, 5' Hayrake/Tedder, Round Haybaler and One Male & Female Quick Hitch

Retail Price: ..... \$12,171.00  
Regular Sale Price: ..... \$11,405.00  
**Package Price: ..... \$11,000.00**

## **STANDARD PACKAGE:**

Model 852 BCS Tractor w/ Honda Engine, recoil start, 53" Cutter Bar with Oil Bath Gearbox, 5' Hayrake/Tedder, Round Haybaler, Full Quick Hitch Kit, and Debris Screen

Retail Price: ..... \$13,911.00  
Regular Sale Price: ..... \$12,908.00  
**Package Price: ..... \$12,550.00**

## **DELUXE PACKAGE:**

Model 852 BCS Tractor w/ Electric Start Honda Engine, 59" Double Action Cutter Bar with Oil bath Gearbox, 5' Hayrake/Tedder, Round Haybaler with Gathering Wheels, Mowing Sulky, Full Quick Hitch Kit, 3 Extra Rolls Net Wrap for Baler, and Debris Screen.

Retail Price: ..... \$15,809.00  
Regular Sale Price: ..... \$14,698.00  
**Package Price: ..... \$14,300.00**

*All package prices require payment by cash or check and include applicable discounts.*

# EARTH TOOLS

These haying packages are easily modified in their equipment make-up. If you want to substitute a different model tractor, engine option, implement, etc. just call us and we'll figure it in.

**502-484-3988**



### 3. CAEB BALE WRAPPER

Now you can effectively produce silage with a 2-wheel tractor using the CAEB Bale Wrapper. In many European countries where the climate is too damp for hay production, hay is simply cut and baled green and then wrapped. The 10" wide stretch film overlaps and squeezes air out of the bale to allow the proper anaerobic action that "cooks" the silage. The machine can be set for 2 lap, 4 lap, or 6 lap winding depending on how stalky (and therefore prone to puncturing the film) the bale material is. The machine comes with one roll of film and fits tractors 8 hp and up.



**SALE PRICE: \$2,700**  
**B Extra Film Roll, 5,200 ft.: \$60**

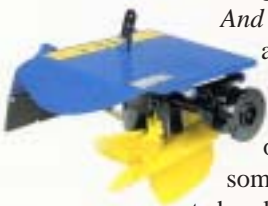
## SECTION TWO: GROUNDWORKING

Traditionally one of the main uses of two-wheel tractors worldwide is soil working. Most of the people in North America who have heard of BCS know them as "That Blue Tiller." While as a rear-tine tiller they are second to none (brands like Troy-Bilt don't even compare... the only real competition comes from other European walk-behind tractors), I am going to focus here on other soil-working attachments compatible with the our tractors.

### 4. BERTA ROTARY PLOW

This amazing little attachment has many applications. Although it's only a foot wide, it has a working depth of ten to twelve inches! The angled blades (pictured) break up the soil and throw it to one side, producing an effect similar to a moldboard plow but differing in that the soil is broken up quite well, not just rolled over, (This attachment is similar to the old Gravelly Rotary Plow, but this is a rear-mount attachment and tends to be much more controllable and easier on the operator.) Also, it seems to leave a very minimal "hardpan"; just at the bottom 'point' of the blades, if any. The rotary plow is unsurpassed when breaking new ground, excellent for building raised beds and ditching and also unbeatable in cover crop incorporation.

**RIGHT:** One of our customers using the rotary plow to completely incorporate a 3 foot tall yellow sweet clover & oats cover crop - another application for this amazing tool!



*And get this:* The harder the ground is, the more it digs. Unlike a tiller attachment where the rotating force of the tines can, in hard or stoney ground, have the tendency to "escoteí" the machine forward, the rotary plow is more like an auger; the more "ébiteí" it gets the more it will hold the tractor back, sometimes making the tractor wheels spin as it chews through a rooty mass or some such. Also, because of the overlapping design of the blades, when a rock is encountered that the plow can't discharge, the operator will feel some vibration and the plow will either go over or around the rock - the plow will not kick violently to the side (and try to break your arms) the way the old **Gravelly** rotary plow would.

This implement is available in single (right) discharge or double (left or right) discharge models. The double discharge model is equipped with a swiveling gearbox which takes 2 seconds for the operator to flip over and expose the opposite blade assembly so that, in effect, this plow can discharge the soil to the left or right. This version is good for working hillsides, but also **very heavy** - requiring a front weight on some engines.

The Rotary Plow is a good alternative to a spader on mid-size 2-wheel tractors for deep ground preparation. Video available on request. Fits tractors 8.5 hp and up. Must have 4x10x18 tires or larger. Includes transport wheel.



**SALE PRICES:** Single Discharge  
 \$949 with angled blade

Double Discharge  
 \$1,499 with angled blade

**B G**

### 5. ADJUSTABLE RIDGER



This tool is a large V-shaped shovel similar to the hiller/furrower attachment but bigger, and where the hiller/furrower is mounted behind the tiller attachment, this ridger goes on the tractor in place of the tiller attachment. The adjustable ridger's advantage is that it can go deeper and is more compact than the hiller/furrower. However, since the tiller attachment is not helping push the tractor, wheel weights are recommended for more traction. The bed shaper offers two ridgers affixed to either end of tool bar frame, making a bedshaper of sorts. It is equipped with a drag chain to level the top of the bed. Works best with wheel spacing sets so that the wheels straddle finished bed. (See various wheel extensions in the BCS accessories section.) Wheel weights required for this tool.



**SALE PRICE: Small Ridger - \$170**

**Large Ridger - \$220**

**Bed Shaper (Double Ridger) - \$395**

**B G**

## 6. COMBINED RIDGER (limited availability)

Used by removing the hood of the tiller attachment and bolting combined ridger in its place. (Tine width should be adjusted down to 16" so tines don't stick out the ends and throw dirt all over the place.) The advantage of this tool compared to the hiller/furrower is that it goes deeper (like the adjustable ridger) and is more controllable and compact (since it hardly protrudes from the rear of the tiller) but yet, like the hiller/furrower (and unlike the adjustable ridger) tilling and hilling or furrowing can be carried out in one operation. Also, the tiller is helping push the tractor so wheel weights are not required.



**SALE PRICE: \$150**

Recommended for large hilling or furrowing applications.

Fits models 720 & Up

**B**

## 7. TORTELLA RECIPROCATING SPADER

These devices have vertical action spades that break up the soil without inverting the soil layers or contributing to a 'hardpan' at the bottom of the tilth. Spaders are increasingly popular in Europe and are gaining recognition in the U.S. as many believe spaders are better for overall soil structure & quality than conventional primarily tillage practices - - such as moldboard plow or a rotary tiller, which mix the soil layers and will cause a hardpan the more they're used.

While spaders are very effective when used on 4-wheel tractors, they do pose some challenges when mounted on a 2-wheel tractor.

**A: Weight:** The smallest spader attachment (25" width) weighs 198lbs. And by far out weighs the engine, which is its counter balance on the front of the tractor. This is not a problem when the spader is working the soil - - indeed, the spader's weight helps it dig deeper. But maneuvering can be a workout! An extra counter-weight can be fitted under the engine upon request to help overcome this problem.

**B: Vertical thrust:** Because of the action of the spades, reciprocating spaders produce a lot of vertical thrust (up and down motion!). This will shake the whole tractor, since it does not have near the weight or mass of a 4-wheel tractor to absorb the vibration - - and it will shake the operator as well! It is not a violent shaking (unless you're in rock-hard ground) but it will rock and roll you some.

Because of these issues, I recommend the spaders **only be used on BCS model 948** (or older models 745/945) as the engine on these models is heavier and more importantly, these tractors have a **3-bolt PTO flange** (all other BCS tractors have a 2-bolt PTO flange) for extra support. Actually best suited to the Grillo 131, as it is equipped with spring-shock mounted handlebar system and is a slightly heavier tractor.



Working Depth: 6 to 8 inches  
Working Width: 25 inches

**SALE PRICE: \$1,800**  
(includes transport wheel)

**B G**

## 8. TOOL BAR CULTIVATORS



**ETR-5**

**B G**

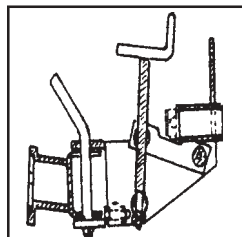
Just a smaller version of a 4-wheel tractor type tool with multiple shanks which can be outfitted with cultivator chisels (standard) or V-sweeps up to 9ft wide (optional). Shanks are clamped to the frame and can be moved around to just about any position. Can be used as a pull-type OR push-type attachment by simply reversing the shanks. The ET-3 and ET-5 (fig. 6 a) have solid frames at a fixed overall width while the ETR-5 (fig b) has a V-type frame which is adjustable in width.

ET-3 recommended for 700 Series tractors unless fitted with larger wheels and/or weights. ET-5 & ETR-5 recommended for all larger tractors. (On models 948, 745 & 945 a weight might be needed on the tool bar to counterbalance the heavier engine) Extra shanks & clamps available.

**HITCH ASSEMBLY:** Included with ET, ETR cultivators and AP-5 Potato Digger. Bolts to PTO mount.

**SALE PRICES:**

ET-3 (3 shanks, 21" width) ..... \$280  
ET-5 (5 shanks, 35" width) ..... \$350  
ETR-5 (5 shanks, 14"- 30") ..... \$395



## 9. ROOT DIGGER PLOWS

Allows you to dig your root crops with your walk-behind tractor. Round tines radiating from back of shovel have 18" width to sift tubers out of soil. Adjustable in attack angle and can be offset on drawbar or rotated on a horizontal axis up to 10 degrees. Easily digs as deep as soil has been worked. Wheel weights recommended.

**SALE PRICE:**

**AP-5 \$235**



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**B G**

## SECTION THREE: MISCELLANEOUS STUFF

### 10. WOOD SPLITTER (AVAILABLE 9-30-05)

At last, a hydraulic wood splitter that can be powered by a walk-behind tractor. This splitter features a unique manually actuated 2-stage action. Pushing the handle slightly forward engages "high" gear, for a 10-second cycle time. Pushing the handle all the way forward switches to "low" gear for a 17-second cycle time and twice the splitting force. Maximum splitting force is 15-tons; maximum log length is 25 inches. Log cradle is standard, removable horizontal wedge (shown in picture) optional. And best of all, you drive it anywhere you want it on your land using your walk-behind tractor!



**B G**

**SALE PRICE:**

**WOOD SPLITTER.....\$1,200.00**

**Horizontal wedge..... \$50.00**

### 11. PLASTIC MULCH LAYER

This attachment is made in the U.S. to fit BCS Tractors (will also fit small 4-wheel tractors with optional 3-point hitch adapter) and does a great job flat-laying plastic mulch (does not form a raised bed while laying plastic) on prepared soil. An optional accessory lays drip tape (for irrigation) at the same time as the plastic mulch; a dibble wheel is also available to poke holes in the plastic for setting out plants. (Multiple dibble wheel sets can be made up if several rows are desired in one bed; each dibble wheel comes with 6 dibble spikes which can be moved around or more spikes added for different plant spacing) This attachment is perfect for small plots and tight spaces, as it is very compact and maneuverable. Wheel weights are recommended; as with any pull type (non-PTO driven) attachment, the more traction the better.



**PRICES:**

2' model .....	\$350	2'x1000' Plastic mulch .....	\$37
3' model .....	\$525	(3' Plastic mulch commonly available)	
Drip tape carrier & Shovel .....	\$125	1000' Drip tape .....	\$40
Dibble wheel w/ 6 dibble spikes .....	\$200	3-Point hitch adaptor	
Extra dibble spikes .....	\$10	for tractor mount .....	\$125

Dibble wheel pokes holes into plastic for planting. Open concept allows easy spacing changes and spike changes for different sized plugs.

**B G**

## 12. SEEDER

Attaches behind two-wheel tractors for large seeded crops such as corn, beans, sunflowers, pease, etc. Equipped with a two gallon seed hopper and also available with a three gallon fertilizer hopper (pictured). Supplied with three interchangeable disks for different size seed and spacing. Can be attached singly or in tandem for two row applications.



### PRICES:

Single Row Seeder .....	\$375
Single with Fertilizer .....	\$475
Double Seeder with Tool Bar .....	\$750
Double w/ Fertilizer .....	\$950

Seeder shown with optional three gallon fertilizer hopper.

**B G**

## 13. HAULAGE OPTIONS

BCS offers a towed utility cart (pictured on last page of BCS America product catalog) which, although it is a well made cart and comes with a foot brake and parking brake, it is vastly overpriced in my estimation!

*We offer THREE alternatives, if desired:*

**OPTION A.** An American-made 1,200 lb. Capacity dump cart that we modify to fit a BCS by lengthening the tongue, installing a BCS curved coupler hitch, fitting a bench seat to the front of the cart and fitting a footrest to the tongue. Works great!

**OPTION B.** iPower Barrow - Makes walk-behind tractor into a small power wheelbarrow with a swiveling caster wheels on the front for steering. Very maneuverable and convenient. Holds 250 lb., dumps to front.

**OPTION C.** The CAEB MINICARGO Front mounted dump cart. While you can't ride this one (unless you have a mowing sulky), it has the advantage of bearing the load equally between the front (steering) wheels and the tractor driving wheels, therefore giving MUCH greater traction going up hills. Also it's shorter and more maneuverable than a trailer-type cart. Front wheels steer with steering lever which protrudes back over tractor similar to hayrake & baler. Rated to haul 1000 lbs. Equipped with male quick-hitch for BCS tractor and brakes.



OPTION A



OPTION B



OPTION C

**B G**

### PRICES:

<b>BCS utility trailer w/ brakes (not pictured)</b>		
- (fits BCS tractors only)		\$950
<b>Custom utility trailer (Option A)</b>		
- may require tow hitch for older BCS machines		\$350
<b>Power Barrow (Option B)</b>	(Special Order Only)	\$350
<b>CAEB MINICARGO 95 (Option C)</b>		\$1,599

Give us a call to discuss your needs...  
we know these machines and can help find the right one for you!

**502-484-3988**

**PLEASE NOTE:** What you are reading is a listing of “after market” implements that we sell to fit BCS & Grillo tractors. For a complete listing of **all implements** to fit BCS & Grillo tractors, see the *Implements Section* of the **Earth Tools** website.

[www.earthtoolsbcs.com](http://www.earthtoolsbcs.com)



#### 14. Wheel Weights

BCS offers cast iron wheels weights that fit snugly inside their 8", 10" & 12" rim wheels weighing 48#, 66# and 150# (per pair) respectively.

Because of the outrageous price BCS asks for these weights and the fact that they're a pain to take on & off, I have developed my own wheel weight system using "Barbell weight posts" that I manufacture myself, and commonly available 1" center hole barbell weights (cast iron are best). The "Posts" can be left on the tractor at all times; if extra weight in the wheels is not required for the job at hand, simply pull the pin at the end of the post and slide the weights off. Putting the weights back on is a snap as well.

Available in various length posts; of course the longer the post the more weight you can hang on it. Also, keep in mind that larger diameter wheels accommodate more weight because of the larger space inside the rim.

**PRICE:**

**\$40 / Set**

**B**

(Any length posts up to 10". Barbell weights not included)

"Barbell weight posts" fit all BCS tractors (except for old 200 series.)

-- BCS cast iron wheel weights and barbell weights listed in 'Accessories' section of our tractor & attachment [price list](#). --

#### 15. WHEEL & TIRE OPTIONS

BCS has many different wheel & tire types. In my [price list](#) each tractor is listed with standard size tires, all of which are agricultural (tractor type) tread.

BCS offers 7 different sizes of ag. type tires, 'turf' type hi-floatation tires, 3 sizes of steel cage wheels. All wheels can be doubled up (for 'duals') using wheel extensions - or even tripled! Tires with 10" or 12" rims have 2 piece hubs that allow 3 wheel track widths with no extra accessories.

Keep in mind two things when considering different size wheels/tires than standard: 1. The larger the tire, the higher the ground speed. 2. The larger the tire, the higher the tractor will sit off the ground, thereby changing the operating angle of the machine. Both of these effects are an advantage with some attachment and a disadvantage with others; sometimes it's a trade-off or inconsequential. Feel free to contact us for recommendations.

**PRICES:** All listed in [price list](#) under 'Accessories'



**Steel cage wheels**

**B G**



## 16. GRASS SCREEN

Made to fit an Italian-made engine, We modify these screens to fit Briggs & Stratton and Kohler engines 8.5 hp & up (except for Kohler 14hp). The screen fits over the rewind starter and keeps grass and other debris from being sucked in with the cooling air and clogging the cylinder fins, thus eventually overheating and possibly damaging the engine. We have griped at BCS for years now trying to get them to put these things on as standard equipment, but apparently Briggs & Kohler don't make such a screen to fit their horizontal (side shaft) engines. Highly recommended for mowing, especially with rotary mowers.

**Briggs & Kohler: \$45**

**Now Available for 11 & 13 Hp Honda Engines: \$55**



## 17. CUSTOM SPRAYER RIGS

For those who need to spray, We offer custom-built spraying systems mounted on trailers which are pulled by the BCS; the pump is powered by the tractor PTO. (electric powered pumps also available if tractor is equipped with electric start)

The operator rides the unit on a built in seat; a bypass/pressure control valve is standard equipment. Sprayers available with up to 50 ft. of hose and spray wand, custom-designed spraying boom or both with a switchover valve. Tank sizes from 25 to 75 gallons. **MADE TO ORDER, Special Order Only.**



Fits models 830, 850/852, and 948.

**PRICES: \$500 to \$2,000 (depending on setup)**

**CALL FOR QUOTES**



**Pictured with 25 gallon tank and spraywand.**  
(Spray boom optional.)

## 18. PALLADINO FLAIL MOWERS

These mowers have a rotating horizontally-mounted drum the width of the mower with several (16, 24 or 28, depending on the model) hinged blades made of hardened steel swinging from it, kind of like a chipper/shredder on wheels. Available with 4 different blade types (see below) for a variety of uses. Height adjusted by a steel roller. Built tough, flail mowers are good for reducing material to a uniformly small size and distributing it evenly across the width of the mower (unlike a brush mower, which will tend to windrow cut material on one side). Good for grinding up cover crops for incorporation or to use as a no-till mulch layer.

**PRICES:** 18" cut, 6.5hp & up - \$900  
26" cut, 8.5hp & up - \$1,000 34" cut, 12hp & up - \$1,200



Straight blades for scarification/pasture renovation.



Y-blades for grass, weeds, & light brush.  
(Standard equipment.)



Hammer for grinding heavy brush and wood.



Finishing blade to leave a smooth cut on lawns.



## 19. SNOW BLADE



Finally! A true snow blade for a walk-behind tractor that is actually contoured properly to roll the snow during plowing, unlike the BCS dozer/scrapper blade. Instantly adjustable side to side with a spring loaded lever on handle which protrudes over tractor to operator. Replaceable scraping bit on bottom of 4 ft. wide blade, also can be substituted with a rubber scraper for working on wood or malleable surfaces. Has height adjusting skids and the attack angle of the blade can also be adjusted. Adjustable blade float (oscillation): unlimited float, 15-degree float or rigid. Weight available for blade to counterbalance heavy engines.

**Snow Blade: \$475**

**Counter Balance Weight: \$45**