A REVOLUTIONARY IDEA ...
As a college student working part-time at a tool rental company, Greg Barreto was frustrated by the amount of time he spent fixing the tillers that were constantly breaking down. He knew there had to be a way to make a better tiller. One that could withstand the abuse of the industry.

Greg knew the tiller parts most often needing repair were the belts, chains and gears. If he could eliminate these high maintenance mechanical components, the tiller would be more reliable by design and more efficient for the owner and operator. He experimented with hydraulic power and found he could make a rental duty tiller - without belts, chains or gears.

In 1982, Greg designed and built the industry’s first all-hydraulic tiller. He sold that first tiller to his employer at the rental yard, who rented it for over 20 years. Greg and his wife, Chris, founded Barreto Manufacturing, Inc. in January of 1984. Customers, eager to save the cost and hassle of frequent repairs, gave the new tiller a try and came back with glowing reviews. Word of the revolutionary new all-hydraulic tiller spread and Barreto Manufacturing grew. In 1986, Greg and Chris moved their family to La Grande, Oregon, and set up manufacturing operations for all-hydraulic tillers.

LEADING THE INDUSTRY:
Customers were so impressed with the performance and reliability of the Barreto tiller, Greg began looking for innovative ways to grow the product line and meet customer needs. This desire for innovation paved the way for Barreto Manufacturing to be an industry leader with a long line of firsts in the hydraulic equipment available on the market today:

- The first all-hydraulic walk behind tiller in 1982
- The first all-hydraulic walk behind trencher in 1995
- The first all-hydraulic self-propelled mini walk behind trencher in 2005
- The first all-hydraulic steerable walk behind trencher in 2007
- The first all-hydraulic walk behind track trencher in 2008
- The first all-hydraulic automatic-drive micro trencher in 2010

Providing a solution for every market, Barreto equipment is truly an industry exception. In addition to tillers and trenchers, Barreto Manufacturing also offers log splitters and a range of trailers and accessories. Barreto manufactures over 80% of their components in-house to ensure quality and keep parts in stock for customers. No hassling with lead times or backorders. All equipment offered by Barreto Manufacturing is powdercoated in their new, state-of-the-art facility.

YOUR ROI...
Now a multi-million dollar company, Barreto Manufacturing’s operations are still headed by Greg Barreto. Greg believes innovation in design and quality in manufacturing are key to helping his customers enjoy the greatest return on investment. Each piece of Barreto equipment is designed to excel in the most difficult conditions, without the downtime often experienced in harsh rental and industrial environments. Backed by the philosophy that in order for a company to be successful, its customers must be successful, Barreto strives to provide the best quality and service possible.

Call 1-800-525-7348 or visit us on the web at www.barretomfg.com for more information.
“At Barreto Manufacturing, honesty and integrity are qualities we strive for. Our goal is to build loyalty and confidence by building the highest quality product, backing it with exceptional service, selling it at a fair price and being above reproach in how we deal with our customers, our vendors and our employees. We believe whole heartedly in Proverbs 22:1: ‘A good name is to be desired more than great riches.’

We know that a good name doesn’t just happen. It is earned. It starts with treating others as we would like to be treated and continues with going the extra mile. But, because we are human, we humbly admit that we are less than perfect. We do purpose, however, to correct our mistakes. We desire to bring honor not to ourselves, but to our Lord and Savior, Jesus Christ, Who freely gives eternal life in heaven to those who put their faith and trust in Him.”

Greg Barreto, President
Barreto Manufacturing, Inc.
66498 Highway 203
La Grande, OR 97850
Phone: 1-800-525-7348
Fax: 1-541-963-6755
info@barretomfg.com
www.barretomfg.com
**SPECIFICATIONS: 712MTS/712MTH**

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| Engine Options*:               |       |          |
| Subaru (HP: 5.7)               | EX17  | EX17     |
| Honda (HP: 5.5)                | GX200  | GX200    |
| Fuel                           | Gasoline | Gasoline |

| Additional Specs:              |       |          |
| Hydraulic Reservoir            | 1.5 gallons | 5.68 liters |
| Ground Drive Forward           | 148 ft/min | 45.11 m/min |
| Ground Drive Reverse           | 23 ft/min  | 7.01 m/min  |
| Digging Chain Speed            | 200 ft/min | 60.96 m/min |

GX200 specs per [http://engines.honda.com/models/model-detail/gx200](http://engines.honda.com/models/model-detail/gx200)
712MTS/712MTH
MICRO TRENCHER

DESIGN
The all new 712MT micro trencher features a unique automatic wheel drive propulsion system. This trencher utilizes a load sensing hydraulic valve to adjust the trenching wheel speed to the load on the digging chain. When the load on the digging chain increases, the sensing valve sends less oil to the wheel drive motor and the wheel speed will automatically slow down. When the load on the digging chain decreases, the sensing valve sends more oil to the wheel drive motor and the wheel drive speed will automatically increase. This keeps a constant load on the engine, regardless of the depth of cut or differing soil conditions. Not only does this help the trencher run at optimal efficiency, it reduces stress on the components, increasing their longevity.

CONTROLS
The automatic adjustment to the wheel speed eliminates the responsibility on the operator to constantly adjust their wheel speed. Nothing could be easier for the novice user. One control lever operates the wheel drive and one lever operates the chain drive. After engaging the chain drive lever, the operator just engages the wheel drive lever and lets the trencher do the work. When the wheel drive is in forward, the chain drive will not activate, eliminating costly repairs sometimes caused by inexperienced operators.

ROI
Small trenchers can become one of your leading revenue sources. With a unique design that provides limited need for maintenance and repair, the 712MT will keep going out into the field time and again without sitting in the shop waiting for repair.

FEATURES
- Simple controls are easy for even the most novice operator
- Hydraulic drive motor provides self-propelled trenching
- Free wheeling hubs allow the operator to transport without the engine running
- Manual lever lowers the boom and locks in one of three positions for trench depth
- Load sensing valve automatically adjusts wheel speed to digging conditions

CHAIN OPTIONS
- Cup Chain
- Double Cup Chain
- ComboShark Chain
- Welded Shark Chain
- Bolted Shark Chain

BOOM OPTIONS
- 12 or 18” depth
- 3.5 or 4.5” width

CONTACT US
1-800-525-7348
info@barretomfg.com
## SPECIFICATIONS: 912SM/912HM

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**Engine Options**:  
Subaru (HP: 9) EX27 EX27  
Honda (HP: 8.5) GX270 GX270

**Fuel**  
Gasoline  
Gasoline

**Additional Specs**:  
Hydraulic Reservoir 9.5 gallons 35.96 liters  
Ground Drive Forward 132 ft/min 40.23 m/min  
Ground Drive Reverse 58 ft/min 17.68 m/min  
Digging Chain Speed 227 ft/min 69.19 m/min

*EX27 specs per http://robinamerica.com/pfeatures.aspx?pid=10  
GX270 specs per http://engines.honda.com/models/model-detail/gx270
912SM/912HM
MINI TRENCHER

DESIGN
Sometimes the job demands a more compact approach without sacrificing production speed. To meet the needs of the residential contractor who may be working in tight spaces, this self-propelled trencher can easily handle sprinkler systems, electrical lines and other shallow trench applications. The 912 saves on space while still providing the horsepower necessary to trench up to 24” deep. The boom pivot design keeps high wear components out of the dirt and is easily maintained. The front end pivots on a pin instead of a boom pivot bushing. This reduces maintenance issues often caused by dirt and debris.

CONTROLS
The control panel is simple and understandable for even the novice operator. The safety clutch engages and disengages the wheel and chain drives. When the clutch is released, the engine continues to run and the controls remain in place, ready to resume trenching at any time. Variable speed drive allows the operator to adjust their wheel speed to the soil conditions. The reversible chain drive can be operated manually to dislodge obstructions or debris.

ROI
Trenchers can become one of your leading revenue sources. With a unique design that provides limited need for maintenance and repair, the 912 won’t be tying up your revenue or your mechanic. It will stay in the field and get the job done. Because Barreto trenchers are reliable in the most difficult conditions, customer satisfaction is high. When the customer is provided with a piece of equipment that makes their job this easy, they keep coming back.

FEATURES
Reliable hydraulic design keeps efficiency high and maintenance low
Simple controls are easy to operate with no color codes to remember
Free wheeling hubs allow the operator to transport without the engine running
The innovative boom pivot design keeps the bushing out of the dirt
Reversible chain can be manually operated to dislodge debris

CHAIN OPTIONS
Cup Chain
Double Cup Chain
ComboShark Chain
Welded Shark Chain
Bolted Shark Chain

BOOM OPTIONS
12, 18 or 24” depth
4 or 6” width

CONTACT US
1-800-525-7348
info@barretomfg.com

www.barretomfg.com
# Specifications: 1324D/1424D/1624D

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<tr>
<td>Briggs Vanguard</td>
<td>16hp V-Twin</td>
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<td>Digging Chain Speed</td>
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*GX390 specs per http://engines.honda.com/models/model-detail/gx90
EX40 specs per http://robinamerica.com/pfeatures.aspx?pid=12
DESIGN

All hydraulic means no belts, gears or chains. The hydraulic chain drive motor is attached directly to the head shaft. Maintenance is easy and repairs are minimized. A lower center of gravity provides stability. The outboard bearing is designed to protect the auger shaft from the bending that is sometimes caused by the impact of rocks or other debris when trenching.

CONTROLS

The control panel is simple and understandable. The safety clutch engages and disengages the wheel and chain drives. When the clutch is released, the engine continues to run and the controls remain in place, ready for you to resume trenching at any time. Variable speed drive allows the operator to adjust their wheel speed to the soil conditions. The reversible chain drive can be operated manually to dislodge obstructions or debris. The operator can manually unlock the axle with a lever on the control panel for easier turning when transporting.

ROI

Trenchers can become one of your leading revenue sources. With a unique design that provides limited need for maintenance and repair, these trenchers will keep going out into the field time and again without sitting in the shop waiting for repair. Because Barreto trenchers are reliable in the most difficult trenching conditions, customer satisfaction is high. Your return on investment is increased when you reduce your overhead by limiting maintenance time and repair parts and by providing a piece of equipment that works hard for your customers.

FEATURES

Boom tension can be easily adjusted when needed
Simple controls are easy to operate with no color codes to remember
Quick access to all of the hydraulics for easy maintenance and repair
Multiple grease points are clearly marked and easily maintained
Hydraulic pumps are protected yet accessible

CHAIN OPTIONS

Cup Chain
Double Cup Chain
ComboShark Chain
Welded Shark Chain
Bolted Shark Chain

BOOM OPTIONS

24, 30 or 36" depth
4 or 6" width

CONTACT US

1-800-525-7348
info@barretomfg.com
**SPECIFICATIONS: 1324ST/1424ST/1624ST**

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<th>Dimensions</th>
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**Engine Options**:  
- Honda (HP: 11.7)  
  - GX390  
- Subaru (HP: 14)   
  - EX40  
- Briggs Vanguard   
  - 16hp V-Twin  
- Fuel              
  - Gasoline  

**Additional Specs**:  
- Hydraulic Reservoir  
  - 14 gallons  
  - 52.99 liters  
- Ground Drive Forward  
  - 220 ft/min  
  - 67.06 m/min  
- Ground Drive Reverse  
  - 90 ft/min  
  - 27.43 m/min  
- Digging Chain Speed  
  - 260 ft/min  
  - 79.25 m/min  

1324ST/1424ST/1624ST
STEERABLE TRENCHER

DESIGN
With a revolutionary 2-pump, 2-motor wheel drive system, one hand easily operates the wheel controls for traveling to the job site and maneuvering while trenching. Zero turn radius capability makes trenching sprinkler grids a breeze. Precise wheel control helps eliminate drifting when trenching on uneven terrain and hillsides. The outboard bearing support is standard, protecting the auger shaft from bending due to impact from rocks or other debris.

CONTROLS
The operator friendly one-handed control takes the effort out of operation - just twist the handle to turn. It features variable speed drive in forward and reverse. The safety clutch on the handlebar engages and disengages all of the hydraulic power to the wheel drive and digging chain without killing the engine or using micro-switches. The reversible chain drive can be manually operated to dislodge debris without leaving the controls or taking the boom out of the trench.

ROI
Using the all-hydraulic power that has made Barreto the industry leader, the ST models feature a direct hydraulic drive to the head shaft, eliminating the need for belts, chains or gears. This design significantly decreases maintenance costs and increases return on investment. Reliable even in the most difficult conditions, the ST trenchers require minimal maintenance and repairs are rare. The steering capability of this trencher makes the operator’s job simple and keeps customer satisfaction high. With accessible yet protected components, maintenance is simplified.

FEATURES
Simple one-handed controls are easy for any operator
Quick access to all of the hydraulics for easy maintenance and repair
Heavy duty frame is constructed of 3/16” plate steel
Multiple grease points are clearly marked and easily maintained
Boom tension can be easily adjusted when needed

CHAIN OPTIONS
- Cup Chain
- Double Cup Chain
- ComboShark Chain
- Welded Shark Chain
- Bolted Shark Chain

BOOM OPTIONS
- 24, 30 or 36” depth
- 4 or 6” width

CONTACT US
1-800-525-7348
info@barretomfg.com

www.barretomfg.com
## Specifications: 1324TK/1424TK/1624TK

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<td>Track Width</td>
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<td>Total Ground Contact</td>
<td>482.8&quot;</td>
<td>.312 sq m</td>
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### Engine Options*:

- **Honda** (HP: 11.7)
  - GX390
- **Subaru** (HP: 14)
  - EX40
- **Briggs Vanguard**
  - 16hp V-Twin
- **Fuel**
  - Gasoline

### Additional Specs:

- Hydraulic Reservoir: 14 gallons, 52.99 liters
- Ground Drive Forward: 190 ft/min, 57.9 m/min
- Ground Drive Reverse: 90 ft/min, 27.4 m/min

*GX390 specs per http://engines.honda.com/models/model-detail/gx900.
1324TK/1424TK/1624TK
TRACK TRENCHER

DESIGN
From soft and sandy to hard as a rock, this trencher is designed to perform. The TK trenchers feature a 7.1” wide track that creates 241 square inches of footprint on each side of the machine. This provides outstanding traction on wet soil, clay, sand or steep terrain while softening the impact on any existing landscaping. The track absorbs most of the impact caused by rocks, roots or other obstructions in the soil. The TK features a weight advantage that improves traction, reduces impact and provides stability. To ensure safer operation, a separate valve is incorporated between the hydrostat and track drive motors. This disconnects the track drive from the pump so there is no possibility of the trencher creeping when the clutch is released.

CONTROLS
The operator friendly one-handed control takes the effort out of operation - just twist the handle to turn. It features variable speed drive in forward and reverse. The safety clutch on the handlebar engages and disengages all of the hydraulic power to the wheel drive and digging chain without killing the engine or using micro-switches. The set and go controls eliminate fatigue often caused by other machines that require you to maintain constant pressure on the controls.

ROI
Low maintenance and hardworking, the TK trenchers are reliable in the most difficult conditions. The simple steering, large tracks and size of this trencher make the operator’s job simple and keeps your customer satisfaction high. With accessible yet protected components, maintenance costs are minimal.

FEATURES
- Simple one-handed controls are easy for any operator
- Quick access to all of the hydraulics for easy maintenance and repair
- Large track footprint absorbs impact and bucking when trenching
- Boom pivot design keeps high maintenance components out of the dirt reducing wear
- Greaseable nose roller reduces maintenance issues often associated with trenchers

CHAIN OPTIONS
- Cup Chain
- Double Cup Chain
- ComboShark Chain
- Welded Shark Chain
- Bolted Shark Chain

BOOM OPTIONS
- 24 or 30” depth
- 4 or 6” width

CONTACT US
1-800-525-7348
info@barretomfg.com

www.barretomfg.com
**SPECIFICATIONS: 1824TK/2024TK/2324TK**

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<td>Track Width</td>
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<tr>
<td>Total Ground Contact</td>
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<td>.312 sq m</td>
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**Engine Options*:**

- **Kohler (HP: 18):** CH620
- **Honda (HP: 20.8):** GX630
- **Kohler (HP: 23):** CH680
- **Honda (HP: 22.1):** GX690
- **Fuel:** Gasoline

**Additional Specs:**

- **Hydraulic Reservoir:** 14 gallons / 52.99 liters
- **Ground Drive Forward:** 190 ft/min / 57.9 m/min
- **Ground Drive Reverse:** 90 ft/min / 27.4 m/min

*CH620 specs per http://www.kohlerengines.com/onlinecatalog/productDetail.htm?productNumber=Command%20PRO%20CH18/CH620
GX630 specs per http://engines.honda.com/models/model-detail.php?model=GX630
GX690 specs per http://engines.honda.com/models/model-detail.php?model=GX690
DESIGN
Handling everything our 13-16hp TK trenchers handle and more, the increased horsepower offered by the 18-23hp models attack the ground and the job with the power to meet the challenge. Trenching up to 48" deep and 6" wide, these trenchers will take on anything that is thrown at them. The TK trenchers feature a 7.1" wide track that creates 241 square inches of footprint on each side of the machine. This gives you outstanding traction on wet soil, clay, sand or steep terrain while softening the impact on any existing landscaping. The track absorbs most of the impact caused by rocks, roots or other obstructions in the soil. The TK features a weight advantage that improves traction, reduces impact on the operator and provides stability. All models in the 18-23hp range also feature electric start.

CONTROLS
The operator friendly one-handed control takes the effort out of operation - just twist the handle to turn. It features variable speed drive in forward and reverse. The safety clutch on the handlebar engages and disengages all of the hydraulic power to the wheel drive and digging chain without killing the engine or using micro-switches. The set and go controls eliminate fatigue often caused by other machines that require you to maintain constant pressure on the controls.

ROI
Low maintenance and hardworking, the TK trenchers are reliable in the most difficult conditions. The simple steering, large tracks and size of this trencher make the operator’s job simple and keeps your customer satisfaction high. With accessible yet protected components, maintenance costs are minimal.

FEATURES
Simple one-handed controls are easy for any operator
Quick access to all of the hydraulics for easy maintenance and repair
Large track footprint absorbs impact and bucking when trenching
Boom pivot design keeps high maintenance components out of the dirt reducing wear
Greaseable nose roller reduces maintenance issues often associated with trenchers

CHAIN OPTIONS
Cup Chain
Double Cup Chain
ComboShark Chain
Welded Shark Chain
Bolted Shark Chain

BOOM OPTIONS
24, 30, 36, 42 or 48” depth
4 or 6” width

CONTACT US
1-800-525-7348
info@barretomfg.com
## SPECIFICATIONS: 30SGK/30SGB

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### Engine Options*

- **Kohler EFI (HP: 29)**
  - ECH749

- **Briggs Vanguard**
  - 31hp V-Twin
  - Gasoline

### Additional Specs:

- **Hydraulic Reservoir**
  - 14 gallons
  - 52.99 liters

- **Hydraulic Flow to Head**
  - 13.3 gpm
  - 50.35 lpm

- **Head Swing**
  - 83°, 47" arc
  - 83°, 1.19m arc

- **Ground Drive Forward**
  - 212 ft/min
  - 64.62 m/min

- **Ground Drive Reverse**
  - 90 ft/min
  - 27.43 m/min

---


Briggs specs per [http://www.vanguardengines.com/engines/Air%20Cooled%20V-Twin%20Big%20Block%20Horizontal%20Shaft%2031-gross-hp.html](http://www.vanguardengines.com/engines/Air%20Cooled%20V-Twin%20Big%20Block%20Horizontal%20Shaft%2031-gross-hp.html)
30SGK/30SGB
STUMP GRINDER

DESIGN
An offshoot of the dependable TK track trencher, the 30SG stump grinder features a variant of the same time-tested track drive platform used by the TK series. The 30SG has a hydraulically driven cutter wheel that is raised and lowered into the stump and then moved from side to side to cut down. The 30SG power options consist of a 31hp Briggs & Stratton Vanguard V-Twin or a 29hp Kohler EFI engine. The engine is coupled to two gear pumps: the larger gear pump drives the cutter wheel and the smaller pump works the tilt and swing cylinders. The tracks are driven by independent hydrostatic pumps, mounted on the rear of the engine for easy access and simple linkage control. Counterbalance valves on each track drive prevent the track motors from slipping while the cutter wheel is engaged in the cutting process, even while operating on a slope.

CONTROLS
The cutter wheel operation and articulating arm are operated by controls mounted on the console. The cutter wheel is activated by a switch on the control stick and has a secondary safety switch to prevent accidental engagement. Back and forth movement across the stump as well as depth of cut are easily controlled by handles on the console that allow for carefully controlled movement of the cutter wheel as it reduces the stump to chips.

ROI
All hydraulic drive to the cutter wheel eliminates costly belts. It also increases customer satisfaction by ensuring there is no loss of power because of a damaged belt or mechanical component. The track drive increases maneuverability around the jobsite, creating customer satisfaction by allowing them to get the job done with increased efficiency.

FEATURES
Easy controls operate the track drive and cutter wheel
Time-tested track design absorbs impact and provides stability
Hydraulically driven cutter wheel provides 14" cutting depths
Th engine is coupled to two gear pumps: a larger pump drives the cutter wheel and a smaller pump works the tilt and swing
Counterbalance valves on each track drive prevent the track motors from slipping

CONTACT US
1-800-525-7348
info@barretomfg.com
## SPECIFICATIONS: 622GTS/622GTH

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<thead>
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<td>Tine Drive</td>
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622GTS/622GTH
FRONT TINE TILLER

DESIGN
The front tine tiller with hydraulic advantages. The 622GT features a 22” tilling width with all-hydraulic direct drive to the tine shaft. Built to withstand the demands of the job, this tiller is 215 lbs of 7 gauge steel. Light enough to maneuver easily, it is rugged enough to dig deep into the soil while absorbing the tilling impact and reducing the operator fatigue often associated with front tine tillers. The 1.5 gallon hydraulic reservoir keeps the weight down and reduces periodic maintenance costs. An oil cooler keeps the hydraulic oil at an optimum temperature for efficient operation.

CONTROLS
The simple to use controls consist of only one lever to engage the tines and start tilling. A lever on top of the controls gives the option of forward or reverse tine drive functionality. The handlebars are adjustable, allowing the operator to set the controls to their comfort level. Hardfaced reversible tines make it easy to dislodge obstructions such as rocks or roots without leaving the controls.

ROI
Minimal maintenance and satisfied customers are what make tillers profitable. The 622GT is open and accessible for easy maintenance with only three grease zerks to worry about. The heavy duty design means the tiller will absorb impact that might damage a lighter unit. The hydraulic design makes for stronger operation and increased longevity. The pressure relief valve prevents damage when tines are blocked, reducing the chance of costly repairs.

FEATURES

Adjustable handlebars feature a one lever control to engage tines

1.5 gallon hydraulic reservoir reduces maintenance costs

The protected tine motor provides hydraulic direct drive to the shaft

Tilling depth can be adjusted by setting the wheel height

The hardfaced tines are reversible making it easy to dislodge obstructions

TILLING WIDTH
22”

CONTACT US
1-800-525-7348
info@barretomfg.com

www.barretomfg.com
### SPECIFICATIONS: 916/918

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<tr>
<td>Hydraulic Reservoir</td>
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<td>Ground Drive Forward</td>
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<td>Ground Drive Reverse</td>
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GX270 specs per [http://engines.honda.com/models/model-detail/gx270](http://engines.honda.com/models/model-detail/gx270)
916S/916H • 918S/918H
REAR TINE TILLER

DESIGN
All hydraulic means easy maintenance, no downtime and the most efficient use of your horsepower to get the job done. Till effectively in small spaces by choosing either a 16 or 18” tilling width on these models. The open design makes for easy access to the hydraulics when maintaining or repairing. The unique swivel handlebar featured on this compact unit means you can walk alongside your tiller rather than in your freshly tilled earth. The heavy design means your tiller works for you instead of tossing you around. Counter-rotating tines break up the most difficult soil, clay or sod. Wheels and tines work independently of each other to allow your tilling travel speed to be adjusted to the soil conditions.

CONTROLS
The operator friendly controls couldn’t be easier: one handle to set the tine drive and one to adjust the wheel drive. Just engage the clutch lever, use the variable speed drive to adjust the ground speed and engage the tines when you are ready to till. If you need to stop for a moment, just drop the clutch and the tines and wheels will stop, leaving your engine running and ready to pick up where you left off.

ROI
With no belts, chains or gears to mess with, the maintenance is minimal. A simplified control valve at the handlebar further reduces moving parts. The hydraulic motor is recessed into the outside of the frame for easy accessibility and removal. Ball bearing support on each end of the tine shaft allows the motor to be removed for service by simply removing two bolts. A tiller that’s down produces no revenue: by choosing hydraulics, you’ll increase utilization and minimize maintenance costs, improving your bottom line.

FEATURES
- Pivoting handlebar allows closer tilling along houses or fencelines
- Hubs unlock to wheel the tiller when the engine isn’t running
- Counter-rotating tines cut through sod and hard packed soil
- All hydraulics are easily accessed for maintenance and repair
- Simple controls are easy to learn and easy to operate

TILLING WIDTH
16 or 18”

CONTACT US
1-800-525-7348
info@barretomfg.com

www.barretomfg.com
### SPECIFICATIONS: 1320H/1420S/1620B

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<td>Length</td>
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<td>Width</td>
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<td>685.8 mm</td>
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<tr>
<td>Subaru (HP: 14)</td>
<td>EX40</td>
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<tr>
<td>Briggs Vanguard</td>
<td>16hp V-Twin</td>
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<tr>
<td>Fuel</td>
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<table>
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<th>Additional Specs:</th>
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<tr>
<td>Hydraulic Reservoir</td>
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<td>Ground Drive Forward</td>
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<tr>
<td>Tine Speed</td>
<td>260 rpm</td>
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*GX390 specs per http://engines.honda.com/models/model-detail/gx390
EX40 specs per http://robinamerica.com/pfeatures.aspx?pid=12
1320H/1420S/1620B
REAR TINE TILLER

DESIGN
All hydraulic means easy maintenance, no downtime and the most efficient use of your horsepower to get the job done. Weight, balance, stability and tine speed allow this tiller to work where others can’t. The open design makes for easy access to the hydraulics when maintaining or repairing. The heavy design means your tiller works for you instead of tossing you around. The tine drive motor is directly mounted to the tine shaft resulting in a system so durable the original tiller was rented out for more than 20 years. Counter-rotating tines break up the most difficult soil, clay or sod. The wheel drive and tine drive work independently of each other to allow your tilling travel speed to be adjusted to the soil conditions.

CONTROLS
The operator friendly controls couldn’t be easier: one handle to set the tine drive and one to adjust the wheel drive. Just engage the clutch lever, use the variable speed drive to adjust the ground speed and engage the tines when you are ready to till. If you need to stop for a moment, just drop the clutch and the tines and wheels will stop, leaving your engine running and ready to pick up where you left off.

ROI
With no belts, chains or gears to mess with, the maintenance is minimal. The hydraulic motor is recessed into the outside of the frame for easy accessibility and removal. Moving parts are protected by seals and plates. Pressure relief valves prevent damage when tines are blocked, reducing the chance of costly repairs. A tiller that’s down produces no revenue: by choosing hydraulics, you’ll increase your utilization and minimize maintenance costs, improving your bottom line.

FEATURES
Marked grease zerks allow for easy maintenance
Hubs unlock to wheel the tiller when the engine isn’t running
Hard faced, counter-rotating tines cut through sod and hard packed soil
Hydraulics are easily accessed for maintenance and repair
Simple controls are easy to learn and easy to operate

TILLING WIDTH
20"

CONTACT US
1-800-525-7348
info@barretomfg.com
www.barretomfg.com
### SPECIFICATIONS: 920LS/922LS

<table>
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<td>Subaru (HP: 9)</td>
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<td>Honda (HP: 8.7)</td>
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### Additional Specs:

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<tr>
<td>Hydraulic Reservoir</td>
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<tr>
<td>Cycle Time: 22 ton</td>
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GX270 specs per [http://engines.honda.com/models/model-detail/gx270](http://engines.honda.com/models/model-detail/gx270)
**920LS/922LS LOG SPLITTER**

**DESIGN**

Built specifically for the demands of the rental market, the Barreto log splitter is the industrial standard. With a 790 lb. frame, a high carbon wear-alloy wedge and a 6" x 25 lb. wide flange beam, this splitter is built to endure. The knife plate features high wear nylon pads. Torsion axle suspension reduces bounce and improves tracking and towability when transporting. The cushion mounted log cradle is designed to snap out of the way when using the splitter in the vertical position. A rubber bump stop protects the splitter when transitioning from vertical to horizontal and spring loaded lock bars secure the splitter in place. The engine is mounted on rubber isolators to protect from vibration when towing or operating.

**CONTROLS**

Safety is standard with a mandatory two-handed control system, cushion mounted log cradle and spring loaded cleaning wedge. An innovative, adjustable torsion axle can be moved to one of three positions to reduce or increase tongue weight to the owner’s preference. Fenders and tail lights are available to meet individual state trailer towing requirements.

**ROI**

To decrease maintenance, this splitter features a powdercoated finish, hydraulic intake screen and protected oil filter. The industrial grade frame, reinforced foot and rubber mounted components reduce many of the maintenance issues log splitters often present. The large hydraulic oil reservoir ensures the machine runs efficiently and keeps the cylinder and other hydraulic components from overheating. This splitter was designed for longevity and built to endure the abuse of the seasons.

**FEATURES**

- The rugged, heavy duty design will hold up to the challenges of the job
- Two handed control provides operational safety
- Cushion mounted log cradle is designed to snap out of the way when using the splitter in the vertical position
- Spring loaded wedge cleaner
- Torsion axle suspension

**CYLINDER OPTIONS**

20 ton (4") or 22 ton (4 1/2")

**CONTACT US**

1-800-525-7348
info@barretomfg.com

www.barretomfg.com
The 3X4TBT is the standard for any Barreto tiller. Easy to transport, easy to load, ready to rent. Featuring an all-steel frame and a quick connect bracket for the bumper of your tiller, hauling equipment has never been easier.

Designed exclusively for our 712MT micro trencher, the 3X4DGT features drop down ramps for simple loading and unloading. A wheel bracket in the front secures the trencher to the trailer. The textured powdercoat finish helps to increase traction and durability.

Barreto offers a utility trailer to help you transport not only your Barreto equipment, but also any other equipment in your fleet. The combo trailer offers quick-change attachments that allow for easy loading. Available with the bracket of your choice (tiller, mini-trencher, standard trencher or track tie down), this trailer also features 6 tie-down rings to accommodate a variety of equipment.
**ACCESSORIES**

**CRUMBERS**
Optional spring loaded crumber feeds extra backfill out of the trench for clean depth.

**LIFT EYES**
Lift eyes are available for loading equipment with a forklift or crane.

**RIDE PLATFORM**
The optional platform for the track trencher provides the operator with the ability to ride on the unit during transportation and operation.

**BACKFILL BLADES**
Make refilling trenches simple with the easily attached backfill blade. Available for all trencher models 13hp and larger.

**CONTACT US**
1-800-525-7348
info@barretomfg.com

www.barretomfg.com
### Trencher Comparison

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<th>CHAIN</th>
<th>Rock/RootLET</th>
<th>SHARK CHAIN</th>
<th>Bolted</th>
<th>WELDED</th>
<th>Combo</th>
<th>Double</th>
<th>STANDARD</th>
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