



# Ground Shark™

Designed for clearing medium to heavy density brush and hardwoods, Ground Shark is the hungriest fish on land.

**Paladin Attachments** is your one-stop-shop for maximum productivity.

## Product Overview



**PALADIN™**  
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# GROUND SHARK™ EXTREME DUTY BRUSH CUTTERS

## 30-45 GPM HIGH FLOW BRUSH CUTTERS



BC72GS



BC78GS

## 20-34 GPM HI-LOW FLOW BRUSH CUTTERS



BC66GSE



BC72GSE

The **Ground Shark™ Extreme Duty High Flow and new Hi/Low Flow Brush Cutters** are designed for clearing medium to heavy density brush and hardwoods up to 10" diameter (30-45 GPM models) from wooded acreage, road right-of-ways and pipeline maintenance. The exclusive, patented retractable forward cutting shield moves up and back to expose the entire cutting edge of each blade as it comes in contact with a tree or heavy brush. This Bradco pioneered feature provides additional safety protection for the operator and worksite while greatly minimizing flying debris.

### Ground Shark Extreme Duty Features

- Exclusive patented retractable cutting forward shield (Patent Pending). When using the Ground Shark™ on brush/trees that are bigger than 4" in diameter, the shield will retract on its own to allow for maximum performance
- Standard pressure gauge indicator, standard on GS models (optional on GSE models), easily visible to the operator helps prevent excessive stalling and overheating
- Heavy duty push bar pushes trees away from the operator and provides additional control when felling trees
- Optional bolt-on carbide stump grinding teeth increases mulching performance and take the stump down to ground level

### Features for GS high flow cutter

- Four double bevel reversible edge blades machined from AR400 high strength steel for maximum cutting power durability

### Features for GSE hi/low flow cutter

- Three double bevel edge blades on 66" model and four double bevel edge blades on 72" model. Forged from top grade steel for excellent cutting in most applications
- Bi-directional operation allows operators to utilize both edges of each blade with out having to rotate or change blades

Model	30-45 GPM EXTREME DUTY HIGH FLOW		20-34 EXTREME DUTY HI / LOW FLOW	
	BC72GS	BC78GS	BC66GSE	BC72GSE
Recommended Hydraulic Flow (GPM)	30-45	30-45	20-34	20-34
Height	28.13"	28.13"	28.13"	28.13"
Length	85.59"	91.62"	81.75"	85.59"
Width	77.38"	83.13"	71.13"	77.38"
Minimum Cutting Height	3.25"	3.25"	3.25"	3.25"
Minimum Stump Grinding Height	0.38"	0.38"	0.75"	0.50"
Cutting Width	72"	78"	66"	72"
Cutting Capacity	10"	10"	7"	7"
Deck Thickness (Steel)	0.25"	0.25"	0.25"	0.25"
Required Lift Capacity	2,400 lbs	2,700 lbs	2,200 lbs	2,200 lbs
Weight (Approximate)	2,008 lbs	2,256 lbs	1,572 lbs	1,721 lbs



# GROUND SHARK™ EXTREME DUTY PRODUCT WALK-AROUND

**The Patented Forward Shield** rolls back when contacting tree then rolls forward after the tree has fallen and cleared from the cutter. This feature exposes blades for felling standing trees and then covering safely for mulching and ground cleanup which is when flying debris would be generated. The mechanical function of this shield is patented. The shield provides a continuous barrier to the operator and while at its retracted state is supported and protected from damage by the push bar. The heavy weight of this shield also helps bend tall foliage like tree saplings & weeds forward so that it will be drawn into the cutter and preventing it from falling back onto the top of the cutter deck. The shield mechanism is designed to not require maintenance or grease.

**Heavy Duty/Weighted Deflective Chain Curtain** across the front knocks down and restricts debris from flying out during operations.

**Quick open access panel** that rotates out of the way without having to remove any hardware.

**Carbide Stump Grinder Teeth** are designed to take stumps down to ground level and significantly assist with mulching material for debris and ground cleanup. Another benefit to the use of these teeth is for reducing the hazard of sharp sticks left behind by traditional brush cutters from cutting small saplings or bushes. Carbide stump grinder teeth are optional on all Extreme Duty model cutters.

**Pressure gauge** is used for essentially two purposes. First use is when cutting heavy ground cover or brush where you would want to maintain a performance level without going into relief. The second function is when stump grinding or felling large trees and you want to make use of the inertia generated by this cutters heavy flywheel like blade carrier. To do this you need to know when you are back up to full speed. Use the pressure gauge to identify a steady state unloaded pressure of about 1,000

to 1,200 psi. At this pressure the cutter is back up to full rpm and ready for work. Note: on new model GSE and the new GS 78", the pressure gauge is rubber isolated. New GSE models include a shuttle valve to allow pressure readings in both directions of rotation.

**Push bar** made from Heavy wall formed rectangular tubing which is directly tied into the deck structure. When felling larger trees, frequently test the tree with the push bar as you deepen your cut. Use the push bar and if necessary the corner guides to control the direction of the tree as soon as you have the cut deep enough to move the tree.

#### **Direct drive with controlled shut down.**

The Ground Shark line of brush cutters include special hydraulic valving to shut the cutter head down quickly and safely. There is a distinct audible sound during the shutdown which will indicate to the operator that the blades are coming to a stop. This sound can be minimized by throttling back slowly prior to shutting off the auxiliary hydraulics. Direct drive offers less moving parts to maintain, a drop in motor alignment, and better efficiency. High torque motors are used on the GS line to improve efficiency and recovery times. The 78" GS model introduces a radial piston motor to further increase recovery time for its larger diameter blade carrier.

**Brush Cutter Deck** has a top panel made with high strength ¼ plate steel. The rear of the deck is designed at an angle with a radius at the bottom to assist the deck over any remaining stumps or obstacles.

**GSE Model Blade Retention Bolt** hex shank is designed to prevent the bolt from rotating under extreme cutting conditions.

**Reversible Machined ¾" Blades** on GS models made from AR400 material which outlasts traditional forged blades.

**GSE Model Blades** are heavy duty forged 5/8 inch thick x 5.00 inches wide [standard duty cutter blades are ½ inch thick x 3.00 inches wide]. Note: 3 blades on the GSE 66" and 4 blades on the GSE 72".



**Intended Use:** The Ground Shark™ Brush Cutter is designed for cutting brush and small trees up to 10" (178mm) in diameter while maintaining a 12" (305mm) maximum ground clearance. When equipped with the tooth kit, the attachment will also grind the remaining stumps down to ground level. Use in any other way is considered contrary to its intended use.

*When work needs to get done*

*you need to be able to depend*

*on your equipment.*

*Our brush cutters are designed*

*for maximum reliability,*

*durability and productivity.*



# GROUND SHARK™ STANDARD DUTY BRUSH CUTTER

The **Ground Shark™ Standard Duty Brush Cutter** is designed to clear light to medium density brush and hardwoods up to 4" in diameter. The Ground Shark™ direct drive system runs efficient, smooth and quiet while directing the toughest material.

## Ground Shark Features

- Dual pressure reliefs on the hydraulic motor allow for bi-directional operation protect against pressure spikes that could damage the drive system
- If the situation requires, the cutting blades will stop rotating within seconds once the motor is disengaged to maximize operator & worksite safety, minimizing the potential of damage to the machine & overall drive system
- .25" thick steel deck design
- Replaceable skid shoes
- An optional pressure gauge is easily visible to the operator and helps prevent excessive stalling and overheating
- Bi-directional forged steel blades allow operator to cut in both directions extending operational life and reducing maintenance costs
- Optional dual wheel kits are available that mount to the underside of the front deck to keep the blades off the ground and prevent scalping



# OPERATING THE GROUND SHARK™ ATTACHMENT



## Safely Operate Equipment

Do not operate equipment until you are completely trained by a qualified operator on how to use the controls, know its capabilities, functions, and all safety requirements. See your machine's manual for these instructions.

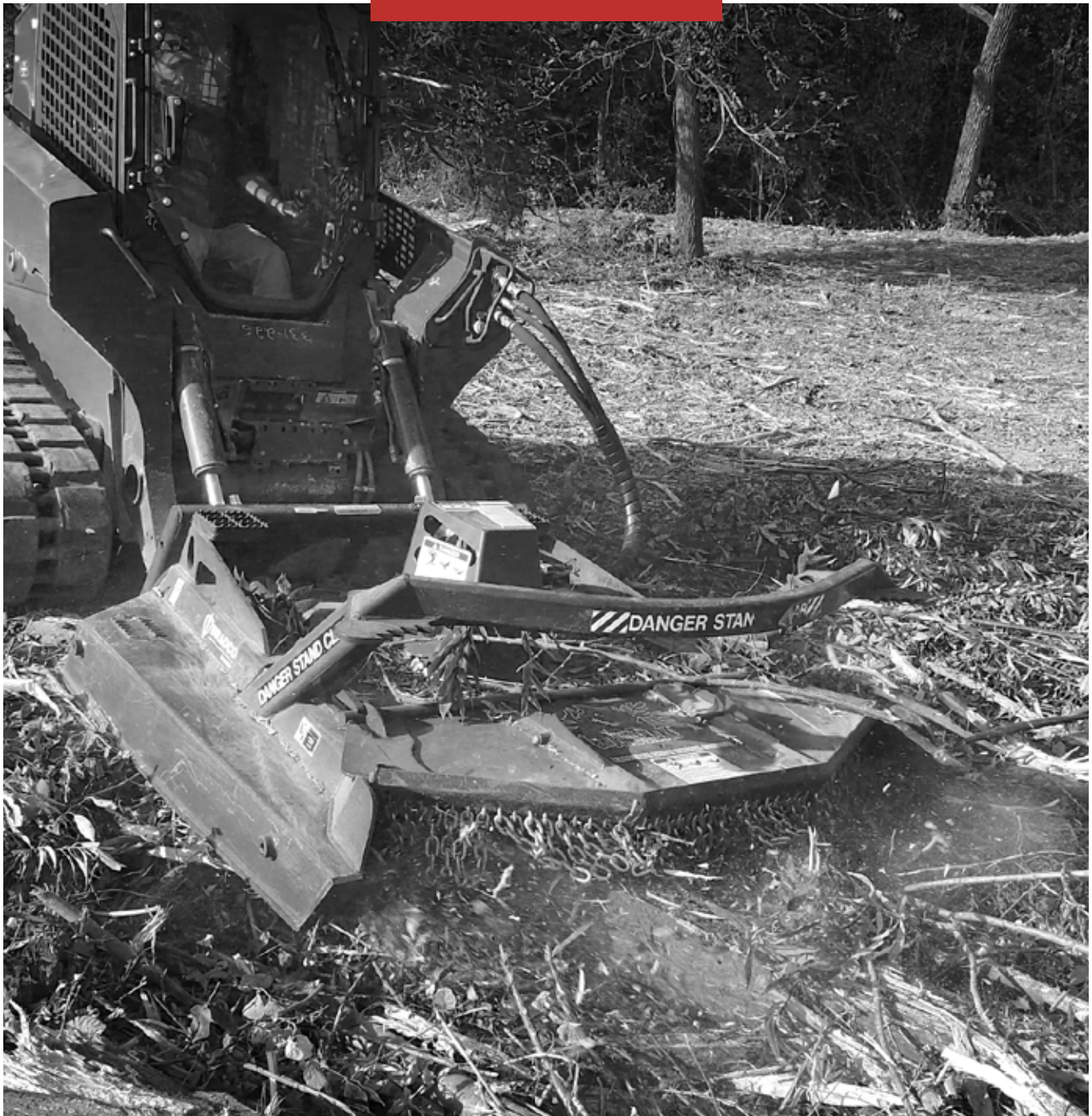
- Block off work area from bystanders, livestock, etc. Flying debris can cause severe injury or death. The brush cutter is capable of producing large amounts of flying debris in all directions.
- Let others know when and where you will be working. Make sure no one is behind the equipment or for several hundred feet in any direction around the equipment when in operation. Never allow anyone to approach the brush cutter when in operation.
- Do not raise the attachment while the blades are rotating.
- Do NOT operate without a shatterproof (demolition) cab door or front shield installed on the prime mover.
- Operate only from the operator's station.
- Do not exceed rated operating capacity of prime mover.
- Be sure all covers, front deflector chains and lift limiting chain(s) are properly installed before operating unit.
- Never try to board or exit equipment while it is running.
- Test all controls before you begin operation.

**Connect the Lift Limiting Chain to the front of the skid steer loader. The back of the brush cutter should never be more than 1 foot off the ground for proper and safe cutting.**

*(Raise the unit to 1 foot above ground level. Route the end of the Lift Limiting Chain from the back of the brush cutter and the through the tie down mechanism(s) on the front of your skid steer loader. Tie the chain securely back to itself with the shackle provided, to limit the lifting capabilities of the cutter to 1 foot maximum.)*



STANDARD DUTY							
Model	GSS60	GSS72 (A)	GSS72 (B)	GSS72 (C)	GSS78 (A)	GSS78 (B)	GSS78 (C)
Recommended Hydraulic Flow (GPM)	15-25	15-25	26-32	33-40	15-25	26-32	33-40
Height	26"	26"	26"	27.5"	26"	26"	27.5"
Length	76"	88"	88"	88"	94"	94"	94"
Width	64"	76"	76"	76"	82"	82"	82"
Minimum Cutting Height	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"
Deck Height	9"	9"	9"	9"	9"	9"	9"
Cutting Width	60"	72"	72"	72"	78"	78"	78"
Cutting Capacity	4"	4"	4"	4"	4"	4"	4"
Deck Thickness (Steel)	0.25"	0.25"	0.25"	0.25"	0.25"	0.25"	0.25"
Required Lift Capacity	1,200 lbs	1,400 lbs	1,400 lbs	1,500 lbs	1,500 lbs	1,500 lbs	1,600 lbs
Weight (Approximate)	1,120 lbs	1,280 lbs	1,280 lbs	1,320 lbs	1,365 lbs	1,365 lbs	1,405 lbs



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