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www.advancedforest.com

SS ECO MULCHER

MADE IN THE USA



Why Advanced Forest Equipment?

- Our forestry mulchers are engineered by a contractor, for contractors!
- All of our operations are under the same roof.
- Our service department personnel are operators with first hand experience in the field, so when you call you know you are talking to an expert.
- You can always count on AFE when it comes to parts. We have parts readily available to ship.

Our Focus:

- To provide the best quality forestry mulchers by only using the best materials.
- To provide excellent service to our customers.
- To have all the parts you need, at all times.
- Safety! Please note, matching up the right mulching attachment to a specific carrier will determine how well the mulcher package will function in your region. Skid steer manufacturers don't always have safety guarding and/or safety windows on their products, so we highly recommend reviewing your machine first, before purchasing a forestry mulcher.

“ADVANCED FOREST EQUIPMENT ENGINEERED BY CONTRACTORS, FOR CONTRACTORS”
CALL US AT: 1-866-772-0999 OR VISIT US AT: WWW.ADVANCEDFOREST.COM

SAFETY FIRST REMINDER: Do not run any mulching attachment on an open cab machine or on a carrier with tempered glass front window. OEM Polycarbonate window is required when operating any mulching attachment, please see your dealer for OEM Polycarbonate window. We highly recommend utilizing other enhanced safety guarding such as cab guards and steel front window screens. Please call us for more information regarding enhanced safety guarding. Advanced Forest Equipment not responsible for misuse of attachment. DO NOT operate mulching attachment while anyone is within 300 ft.

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OVERVIEW

The SS ECO is the most popular of our product line, dominating the market for skid steer mulching attachments. A few unique features on the SS ECO skid steer mulcher:

Reduction Shroud System: The unique design of the reduction shroud system forces the material into the fixed cutting teeth which then allows you to mulch and re-mulch if you desire.

Direct Drive System: The direct drive system is custom built with crusher style bearings and a heat treated tapered 4" drive shaft. We utilize a huge 130CC fixed displacement bent axis piston hydraulic motor which is coupled to a 10" rubber drive coupling to isolate the shock load transmitted thru the bearing box. The bearing box is fully submerged in an oil bathed system with an expansion chamber to keep the oil level constant at all times for longer bearing wear. We also utilize a large drive hub mounted to the disc which matches to the taper shaft with a double locking fastening system.

Ease of Maintenance: There are no belts, pulleys or shivs; our systems are direct drive, the power goes directly into a bearing box transferring 100% of the power to the cutting disc. We have a rubber safety coupler between the hydraulic motor and bearing box to protect from damage. ***SPECIFICATIONS MAY CHANGE AT ANYTIME—THE SS ECO MULCHER IS DESIGNED FOR USE ON SKID STEERS OF UP TO 13,000 POUNDS ONLY!***

Now including a Maintenance Kit with every mulcher purchase, a \$820 value for free!

"Just a contractor who wanted a better skid-steer mulcher"—JM



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STANDARD FACTORY TOOTH CONFIGURATION

Beaver Teeth— 8 on top, 14 on perimeter. The **Beaver Tooth** has straight edges, is durable, and can be re-sharpened right on the blade. **TIP:** Rotating beaver teeth increases wear life.

Carbide Thumbnail Teeth — 20 teeth bottom, 20 holders top, 20 holders bottom. The **Carbide Thumbnail Tooth** is designed for durability and placed at the bottom of the cutting disc to handle the tough environment.

Bottom Tooth Holder Delete Kits —included to cover self-locating extension tooth holders.



Beaver Tooth



Carbide Thumbnail Teeth



Tooth Holder Delete Kit



Carbide Bullet Extension Tooth



Shark Extension Tooth

OPTIONAL EXTENSION TOOTH COMBO KIT

Our cutting disc is designed with provisions to install an expandable cutting tooth system. This allows the operator to configure the cutting disc with whatever teeth pattern is most suitable for the material and ground they are working in. We recommend our standard configuration for operators to get used to operating the attachment with their carrier. If the Extension Tooth Combo Kit is purchased with original order, installation will be free of charge. More teeth can be added for more aggressive mulching.

Shark Tooth— is a high efficiency extension cutting tooth. Not recommended for rock.

Carbide Bullet Tooth— is a medium efficiency extension cutting tooth that holds up good in rock. When using this tooth, material could possibly be thrown more than when using the shark tooth.

Tooth types can be mixed for different patterns as long as the same tooth is placed on the opposite side of the disc (180 degrees of each other). A bottom tooth holder delete kit must be in place when operating without the extension teeth and holders.



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BENEFITS:

Durability: Tough, rough and built to last. All handcrafted, tested and made with materials that are not recycled nor refurbished.

Visibility: Being able to see the material as it engages with the cutting disc; this allows the operator to avoid unwanted foreign material.

Versatility: Each SS ECO comes with a universal skid steer mounting plate. Recommended to only use on skid steers with 32-45 GPM.

Productively: Can mulch up to 10" depending on hydraulic flow of carrier.

FEATURES:

Bearing Box—Custom built, ROBUST, TOUGH and DURABLE. This is the heart and soul of this mulcher! Each bearing box is tested prior to shipping.

Hydraulic Motor—130CC Sunfab Bent axis piston motor.

Cutting Disc— 58" inch in diameter; Made of Weldox 700, T-1 steel. Can hold up to 4 different type of teeth.

Reduction Shroud System—The reduction shroud is designed to work with the disc in a seamless process of cutting and mulching trees. The unique design of the reduction shroud system controls debris in the field while mulching. The material is pulled into the reduction shroud and the mulched material is expelled back into the mulching path for further treatment if desired.

Cutting Teeth—Comes with beaver teeth and carbide thumbnail teeth.

Expandable Cutting Tooth System— All standard cutting discs come with 6 provisions for the self locating expandable cutting tooth system. This is where shark teeth and carbide bullet teeth can be added to aid in more aggressive mulching.

SS ECO MULCHER SPECIFICATIONS

HYDRAULIC FLOW	32 to 45 GPM
HYDRAULIC PRESSURE	Up to 5,000 PSI
HYDRAULIC MOTOR	130CC Bent Axis Piston Hydraulic Motor (European with 1-year warranty); Anti-Cavitation production, 1-inch supply line from the ant-cavitation manifold to the hydraulic motor
BEARING BOX	Oil bathed bearing box, synthetic oil, bearings are self-aligning, heat treated 4-inch shaft, Direct Drive System with isolator coupler
CUTTING DISC	Made of Hardox 700 T-1 steel (30% stronger than mild steel), 1¼ thick, 58" in diameter
CUTTING TEETH	(26) Beaver teeth, (20) Carbide thumbnail teeth, (6) Bottom tooth holder delete kit
EXPANDABLE CUTTING TOOTH SYSTEM	ALL standard cutting discs come with 6 provisions for the self locating expandable cutting tooth system. This is where shark teeth and carbide bullet teeth can be added to aid in more aggressive mulching.
MOUNTING	Adapter plate is a universal skid steer mounting plate
CASE DRAIN LINE	Case Drain Line Required, MIN. 5/8" (Not Included)
REDUCTION SHROUD	81" Across, includes 4 fixed teeth inside shroud
PRODUCTIVITY-AVG.	Trees up to 10" productivity, depending on hydraulic flow of carrier
DIMENSION	45" Height x 81" Weight x 67" Depth (mulcher measurement)
WEIGHT	2,535 LBS
HOSES	Hoses not included
DISCLAIMER	SPECIFICATIONS MAY CHANGE AT ANYTIME—THE SS ECO MULCHER IS DESIGNED FOR USE ON SKID STEERS OF UP TO 13,000 POUNDS ONLY!

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