



Bandit Industries offers three different 12-inch chippers.



Bush Hog chipper/shredder mounts by 3-point hitch to tractor with at least 18 hp. Shredder knives and chipper knives are machined from tool steel.



Danuser's new Chipper/Mulch Systems turn branches into mulch.

CHIPPERS

Look at cutting power and portability, but don't overlook ease of use.

By CURT HARLER/ Contributing Editor
There is more than just horsepower to consider when shopping for a chipper/shredder. When the call goes out for a new chipper, look for one with a big mouth.

While everyone is in love with power, perhaps more important than sheer cutting ability is the unit's ability to take in material at the head-end. That is, how large a bunch of branches can workers feed through the chopper's throat at one time? Armsful of leaves and twigs or slender tree limbs with spreading branches call for a chipper with a wide mouth for easy filling.

Every product listed here conforms to safety standards. However, it is important to check all equipment (including mowers, chippers, saws) after purchase, to be sure your workers have not done an "aftermarket" adjustment that overrides the necessary safety features.

Again, the big mouth comes into play — a chipper with a wide, clutter-free opening is less apt to clog and to devour a rake handle that has been shoved inside to unplug a jam.

Consider where the unit will be used. Will you use it for small jobs around residential sites? Does your business get involved in a lot of heavy tree or brush removal? Will a tractor be available, permitting use of higher-powered pto-driven equipment, or does the job demand portability?

A truck-mount is important for firms with a lot of small cleanup jobs to do. A big mouth does not mean a loud mouth. A quiet chipper will be more acceptable in neighborhoods where landscaping noise has become an issue and with workers who are near the machine on a regular basis.

CHIPPERS/SHREDDERS

AGRI-FAB
217-728-8388
www.agri-fab.com

Powered by an 8-hp Tecumseh engine, the 45-0249 Chip-N-Vac from Agri-Fab, Sullivan, IL is well suited to handling light material on any job.

Linked to the Agri-Fab Vac with a 6-inch spiroflex hose, it has the power to reduce branches and twigs to fine mulch while the vacuum makes the litter disappear. Capacity of the unit is 32 cubic feet.

Circle No. 250

BANDIT INDUSTRIES

800-952-0178

www.banditchippers.com

The line of 12-inch hand-fed disc-style chippers from Bandit Industries, Remus, MI comes in three models: 150XP is the basic 12-inch capacity chipper; 200+XP has faster feed rate; and the 250XP with even larger feed opening, larger wheels and more powerful hydraulic feed motor. Machine's wide opening and aggressive feed system crushes, compresses and pulls trees, limbs and brush into the chipper. Lots of options, including 16 gas and diesel engine options and a hydraulic lift for top-feed wheel (making it easier to position larger material into the system) are available.

Circle No. 251

BUSH HOG

334-872-6261

www.bushhog.com

There are 36 free-swinging shredder knives and four chipper-knives machined from tool steel in the Bush Hog chipper/shredder line. The CS-100P mounts by 3-point hitch to any tractor with 18 hp or better. The CS-130T is powered by a 13-hp Honda and has electronic ignition, oil alert, and a 2-wheel trailer for highway towing. The CS-180T is this chipper's big brother, featuring a 18-hp Honda engine, 1500 pound torsion axle, 3-gallon detachable gas tank for convenient refueling and all the features on the 130T. Leaf grates, spout extender and vac kits available.

Circle No. 252

DANUSER

573-642-2246

Danuser's new Chipper/Mulch Systems turn broken branches into a quality, usable mulch. The pto-driven units from the Fulton, MO firm start with two models using an 18-inch diameter flywheel and handling up to 4-inch diameter tree limbs. In the 24-inch class, there is both a pto and

trailer model that handle 6-inch diameter limbs. Each pto model operates with a minimum 18 hp. The self-contained trailer model in photo uses a 25-hp Kohler engine. Danuser produces chippers for a number of distributors.

Circle No. 253

BCS AMERICA

704-846-1040

www.bcs-america.com

The BCS chipper shredder fits on all BCS tractors that are 7 hp or larger. Made in Matthews, NC, it features 28 hardened steel, free swinging shredding flails in the chipper box. Higher hopper has a vertical drop between opening and shredder box, making for safer operation. The heavy-duty, 37-pound chipper flywheel has one hardened chipper blade. Unit is easy to transport and the pto comes from the factory with four screens: three-eighths inch, one inch, and 1.125 inch and a roller bar screen for rougher shredding.

Circle No. 254

CRARY COMPANY

701-282-5520

www.crarycompany.com

A 140-pound, 20-inch diameter x 1.25-inch thick rotor disk with doublebanded belt drive is at the heart of the 73454 4-inch chipper from Crary, West Fargo, ND. Four high-chrome content reversible, heat-treated chipper blades handle limbs up to 4-inches in diameter. Blades are set at a 45-degree angle to help self-feed limbs into the unit's 27x28 hopper. The 43454 unit requires a Category I PTO drive 3-point hitch. Also available are the 73413 and 73420 towable models.

Circle No. 255

GOOSSEN INDUSTRIES

800-228-6542

www.goossen.com

Chew up limbs as large as 5-inches in diameter with the Goossen Chipper/Shredder, made in Beatrice, NE. Unit also shreds leaves or brush. Three units are available: the CS1000, 540 pto-driven; the gas-powered CS5100 with its 13 hp Honda engine; and the CS6000 with an 18 hp Honda engine. All feature hinged housing allowing

easy access to the cutting drum, shredder cover to prevent kick-back, and a folding safety door on the chipper chute. A blower or vacuum attachment option is available.

Circle No. 256

INGERSOLL EQUIPMENT CO.

920-582-5000

www.ingersoll-inc.com

All-hydraulic chipper-shredder from Ingersoll Equipment Co., Winneconne, WI has 24 reversible, hardened steel blades to make cleanup jobs fast and easy. It can chip limbs up to three-inches in diameter. The extra large, top feed hopper is steeply sloped, perfect for processing leaves, corn stalks and other brittle material. Unit is built for durability and strength.

Circle No. 257

MACKISSIC, INC.

610-495-7181

The SC260-16 Chip N Shred by MacKissic, Parker Ford, PA is highway towable with an independent Flexride suspension. Its 48-inch free-swinging hammers and 4-inch rapid feed chipping make quick work of debris. It is powered by a 16-hp twin cylinder Vanguard engine available in manual or electric start. Unit features a rotor engagement system with load-free starting and overload



SC260-16 Chip N Shred

protection. Also available is the Brute which chips logs up to 5-inch diameter and handles branches up to 1.5 inches in diameter.

Circle No. 258

MANTIS

800-366-6268

mantisgardentools.com

The Mantis BSV (blower-shredder-vacuum) makes quick work of landscape cleanup jobs. It has a 4-blade metal shredder, located in front of the fan to reduce clogs, which reduces twigs, leaves and pine needles to mulchable refuse at a 12:1 ratio. The generous 35-inch intake tube means workers need not stoop as they work. Made in Southampton, PA every BSV engine



Mantis BSV for light shredding

is tested at the factory with carburetor set to comply with EPA Phase-1 and California Emission Requirements. A 17-ounce see-through tank allows easy fuel supply check. Unit comes with "cruise control" so the trigger does not have to be depressed all the time.

Circle No. 259

MTD

330-225-2600

mtdproducts.com

A three-way feed on the MTD Chipper features rake-in, drop-in dedicated chipper chute. The three-inch diameter chipping capacity leads to a set of 12-inch replaceable flails and

two steel blades. End result is 10:1 reduction of branches, twigs and other debris. Unit is powered by an 8 hp engine and features a one gallon fuel tank, 10-inch by 4-inch pneumatic tires. Pivoting hopper and fully integrated handle make this an easy unit to use. Optional tow bar kit is available.

Circle No. 260

PARKER SWEEPER 630-627-6900

Versatile Vac-CS Chipper/Shredder from Parker, Addison, IL cleans a 30-inch vacuum path while it chips, vacuums, shreds and bags in one pass. The self-propelled unit reduces debris 11:1, so materials can be packed into less space. Convenient chipper chute draws twigs, branches and other debris in easily and safely. Optional hose kit allows unit to reach



Versatile Vac-CS from Parker

tough-to-access areas under trees, between bushes, or in flowerbeds.
Circle No. 261

SIMPLICITY MANUFACTURING 414-284-8669 www.simplicitymfg.com

It's easy to start the Model 6/14E chipper/shredder from Simplicity, Port Washington, WI. The 5.5 hp chipper has a simple 12-volt electric start. It reduces yard waste, leaves, husks, pine cones and other debris into mulch and makes twigs and branches into chips. Free-swinging triangular shredding hammers along with J-hammers reduce at a 20:1 ratio. Unit stands 34-inches tall and is easy to move. Optional vacuum kit allows reaching under shrubs or in window wells.
Circle No. 262

STEINER TURF EQUIPMENT 330-828-0200 www.steiner-turf.com

The CS312 chipper/shredder from Steiner, Dalton, OH handles branches up to four inches in diameter. It takes any kind of unusable brush, lawn debris, twigs and



**Steiner
chipper**

branches and reduces them into an attractive mulch. The CS312 has four hardened chipper knives, 36 shredder sections and a flywheel type rotor. Optional blower is available. Unit quick-hitch mounts on the front of a Steiner 430 tractor.
Circle No. 263

SUNDANCE 970-339-9322

The Kid II yard and wood waste grinder from Sundance, Greeley, CO is made for big jobs. A hydraulic drive feeding system controls the flow of material to a 1500-pound rotor with its 44 or 84 pointed, heat-treated hard surfaced hammers. It can handle up to 15 tons of yard waste per hour and chops limbs, pine cones, shrubs, vines, green or dry wood, grass or palm fronds. Unit is totally enclosed for safe operation. It is powered by a John Deere 4039DT diesel rated at 95 hp at 1900 rpm. It can discharge material up to 40 feet.
Circle No. 264

TILTON 800-447-1152

There are 10 models of Yard Shark units available from Tilton, Alpharetta, GA. Units shred and chip materials at high velocity for fast, environmentally safe, efficient disposal. All units can handle up to 3.5-inch diameter materials. Designed for performance and value, they range from the 5 hp Briggs & Stratton powered YSB5S with two hardened tool steel knives and 12 reversible serrated flail blades to the YS9H-TR with its 9 hp Honda engine and 16 flail blades.
Circle No. 265

VC MARKETING 973-992-8514

Chop up all kinds of vegetation and organic debris with the Wood-Pro AVP from VC Marketing, Roseland, NJ. It handles anything from leaves and weeds to 6-inch diameter brush and limbs through one hopper. Large hopper and throat openings permit easy feeding of materials. Branches need only minimal trimming before going through the 30-inch rotor where material is reduced to small chips. Available as 18-hp or 22-hp self-propelled models or as a tractor PTO unit.
Circle No. 266

VERMEER



Wood-Pro AVP in 18- or 22-hp

888-837-6337 www.vermeer.com

The 935 brush chipper from Vermeer, Pella, IA can handle wood debris up to 9 inches. Exclusive AutoFeed II design gives easy, reliable feeding and operation. The 15-gallon fuel tank lets the machine work all day with any one of three engine options: 35 hp Wisconsin gas, 42 hp Deutz diesel, or 50 hp Perkins diesel. Discharge chute rotates 270 degrees to direct chips away from workers feeding machine. Feed-control bar is located at the in-feed chute for easy operation.
Circle No. 267

Woods Equipment Company 815-732-2141 www.woodsonline.com

The Model 5000 Chipper/Shredder is a combination machine which chips debris up to 5 in. and shreds debris up to 1 in. Models 8000 and 8100 are medium duty chippers which can chip debris up to 8 in.



Model 5000 Chipper/Shredder

with 360° discharge tube rotation. The models are PTO driven with 12 to 30 hp for the 5000, and 25 to 50 hp for the 8000 series as well as a three point hitch for use with compact tractors.
Circle No. 268