

CHIPPERS / SHREDDERS

...for the golf/landscape market can help you save the money you normally spend on disposing debris.

by JERRY ROCHE / Editor-in-Chief



Bandit

Not too many years ago, the "Don't Bag It" program started in Texas and expanded from coast to coast. Though the original program was meant to address turfgrass clippings, there is some wisdom in extending the concept to other landscape debris like tree prunings, broken branches, twigs and brush.

And the best way to "not bag" organic landscape debris is to chip or shred it up and return it to the landscape in the form of mulch.

Chippers/shredders, detailed elsewhere on these pages, are the perfect means for converting organic landscape debris into various types

and consistencies of mulch. They are true "garbage disposals" for the yard.

Not only does such a plan save you the money it would normally cost to cart the detritus to an approved dump site, but you can also make money on the other end (if you are a contractor) by charging clients for the mulching service.

Before purchasing a chipper/shredder, here are some factors you might want to consider:

- ▶ Make sure that you're buying a commercial-grade machine. Many homeowner-grade chippers and shredders are available through local retailers and dealers, but they are not built sturdily enough to stand up to the longer, harder hours you will be using it. The money you invest in a commercial unit at the front end will save you at the back end in machine life and downtime.

- ▶ Know the difference between a chipper and shredder. Chippers are required for woody branches; shredders are better for brush, leaves, twigs and stalks.

- ▶ Answer these three questions in your mind before visiting your local dealership: "How am I going to use it?," "How big are the yards I'm going to use it on?" and "Will I be chipping large pruned branches?"

That said, here are some special features to consider before buying:

- Know whether you want fixed hammers or flail knives; each has its advantage.
- Do not buy too big or too small a model. Engine size begins at about 4 hp and goes all the way up to 100+ hp. Select the right size for your operation.



Little Wonder



Troy-Bilt



S&R Prochip

> LM REPORTS

- Many available units come with blowers and/or vacuums. Such a machine could give you extra versatility that you might need in your jobs.

- Consider safety features: make sure that your choice comes with a power feed safety clutch release if you need it, or perhaps a folding safety door on the chipper chute.

Speaking of safety, always make sure proper training is available, either from the dealer or from the manufacturer. Then train your employees in the proper use of chipper/shredders (which can be very dangerous because of the rapidly-revolving hammers or knives), and make sure they are wearing the proper clothing and safety gear when operating the machines.

CHIPPERS AND SHREDDERS FOR THE GREEN INDUSTRY

ALAMO Circle No. 261 (210) 372-9531

FM Series consists of three models: FML for light to medium duty, FMM for medium duty, FMH for heavy duty. All can fell a tree up to 15 inches in diameter and mulch the limbs and trunk so all that remains is a fine 3/4-inch mulch. FML 100H can be mounted on Alamo Machete boom and used to turn compost piles or eliminate stacks of construction material waste.

BANDIT Circle No. 262 (800) 952-0178

Model 280XP has 18-inch diameter capacity. Large chipper opening (18x20 1/2 inches). Powerful hydraulic feed system, 55-inch diameter chipper disc. Gas and diesel power options to 120 hp. Heavy duty diesel engines up to 200 hp. with heavier



Alamo chipper components. Single or dual axles.

BCS AMERICA Circle No. 263 (800) 227-8791

Bio 100 model has 8 hp Briggs & Stratton engine. Accepts up to 1-inch brush leaves, small branches, other debris. Chips limbs up to 3 inches. Other features: wheelbarrow-type handles, variable screen sizes, durable construction.

BUSH HOG Circle No. 264 (205) 872-6261

Three models that will chip light brush to 5 inches and shred material up to 1 1/2 inch: CS-100P PTO (for category I, 3-pt. hitch 540 rpm tractors, 18-35 hp), CS-130T (highway towable model with 13 hp Honda engine) and the CS-180T (highway towable model with 18 hp Honda

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ALL KINDS OF APPETITES. ALL DAY LONG.

PRO CHIP SERIES

Variable speed



Curbside feed system controls



Closely coupled feed system



Auto feed system reduces engine stress

Big job or little job, Gravely chippers are built with outstanding quality and durability. Perfect for the rental market, landscape contractor or professional arborist, they're designed to satisfy your needs.

See your nearest Gravely dealer today or write or call:
Gravely International, 150 South Stratford Rd., Suite 530, Winston-Salem, NC 27104
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Success Rides on a Gravely. 

Circle No. 113 on Reader Inquiry Card

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engine). All have 1½-inch grate. Options: blower attachment package, vacuum attachment package, leaf grate, ½-inch grate, ¾-inch grate.

ECHO

Circle No. 265
(847) 540-8400

The EchoSystem 2 vacuums leaves and reduces them to ½th of their original volume. Available in three walk-behind and self-propelled models, EchoSystem2 reduces sticks and branches up to 3 inches in diameter. Converts to shredder and can transform into walk-behind blower or broadcaster with optional kit. Hopper can be rotated 360 degrees.



Ingersoll

of small tractors.

LABARGE

Circle No. 269
(800) 511-2022

PTO-driven chipper/blower/vacuum can: chip limbs and brush up to 6-inch diameter, vacuum leaves and debris, discharge or bag processed material, blow air at high velocity.

LITTLE WONDER

Circle No. 270
(215) 357-8045

ReVac model can chip, shred, reduce and vacuum leaves, branches and other organic material up to 3½ inches in diameter. Shredder hopper can be rotated to the ground to rake leaves into its opening. Optional 10- to 20-foot intake hose/snout. Engine is 16 hp Briggs Vanguard with Oil Alert. Kill switches on all intake and discharge chutes.

MACKISSIC

Circle No. xxx
(610) 495-7181

SC260-16 Chip N Shred has 4-inch rapid feed chipping. Powered by 16 hp twin-cylinder Vanguard engine with manual or electric start. Load-free starting with overload protection. Highway towable.

PARKER SWEEPER

Circle No. 272
(708) 627-6900

Vac-CS reduces debris 11-to-1. Chipper chute draws twigs, branches and other debris. Vacuum has 30-inch width. Optional hose kit allows



Parker

easy access in hard-to-reach areas.

SALSCO

Circle No. 273
(800) 872-5726

Chipper/shredder/vacs available from 8 hp Honda (3¼-inch capacity) to 25 hp Kohler (6-inch capacity); also capable of shredding material up to ½ inch in diameter. Chippers are 6x12-inch with 25 hp Kohler or 30 hp Wisconsin engine, up to 13-inch material. Engines of 37-115 hp, diesel or gas, are options.

SNAPPER

Circle No. 274
(770) 954-2598

SG8000 has 8 hp Briggs & Stratton engine, 18x15½-inch hopper opening with movable blowback shield, chipping capacity up to 3 inches, tow bar. SG5000 has 5 hp Briggs engine, 18x14-inch opening, chipping capacity up to 2 inches. LS5000 has 5 hp Briggs engine, chute that lays flat on the ground, capacity up to 3 inches.

S&R

Circle No. 275
(541) 523-5952

18- or 24-inch self-powered trailer unit that uses 25 hp Kohler engine. Power feed safety clutch release, 360-degree rotation on exhaust chute. Larger 2469T has 6-inch capacity; smaller 1846T has 4-inch capacity. Discharge height 6-foot-4 and 6-foot, respectively. Synchro-Feed has safety hand clutch.

TROY-BILT

Circle No. 276
(800) 828-5500

Tomahawk Pro Chipper line processes brush, branches, limbs, small trees up to 4-inch diameter. Advanced drum design, 4x8-inch chipping opening. Options: tow hitch, electric start, collection bag, bumper, storage cover. Troy-Bilt 8 hp, 10 hp engine or 12 hp overhead valve engine.

VERMEER

Circle No. 277
(515) 621-7826

Model BC 1800 can pull in and

chip material up to 18 inches on an intermittent basis. 68-inch feed table to the rollers puts distance between operator and feed roller system. Curb-side controllers. Live hydraulics allow operator to reverse feed rollers even if the cutting disc stops. Three engine options: 81 hp Perkins 4.41 diesel, 113 hp Perkins T4.40 diesel, 116 hp 4BTA 3.9 Cummins. Exclusive Auto Feed II system.

WOODS

Circle No. 278
(815) 732-2141

Model 5000 is PTO-driven with chipping capacity to 5 inches, shredding capacity to 1 inch; Model 5020 powered by 20 hp Kohler engine. Models 8000 and 8100 chip up to 8 inches with integrated blower (8000 is PTO-driven, 8100 is hydraulic feed). Models 9128 and 9142 are engine-driven, trailer-mounted, towable, with 9-inch chipping capacity; engines are 28 hp Kubota, 42 hp Ford.

WOOD PRO

Circle No. 279
(201) 992-8514

Two models: AVP, a one-hopper all vegetation processor, and 24D418E chipper for commercial market. AVP handles up to 6 inches



Wood Pro

diameter, available in 3-pt. hitch PTO model, engine-powered towable model. Model 24D418E chips up to 5-inch branches; four knives on 24-inch disc; 4-gallon fuel tank; large tires now standard equipment.

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