

# PRESERVATION PLAN ON IT

Planning on restoring a house,  
saving a landmark, reviving  
your neighborhood?

Write:

**National Trust  
for Historic Preservation**  
Department PA  
1785 Massachusetts Ave., N.W.  
Washington, D.C. 20036



**for  
Plant  
Lovers**

6030

**6030:** "Whip It Up Workshop" offers value to plant loving crafters. Make a bread dough flower pot, plant stands, calico sacks, terrariums and more! Directions for 10.

**697:** A delight to embroider in vivid color. Make this flower of the month quilt to accent a room or give as a gift. Includes instructions and tissue transfers.

697

Patterns are **\$3.25** each. Add \$1.00 each p/h. Send to **FLOWER & GARDEN** patterns, Reader Mail dept **8009**, Box 4000, Niles, MI 49120-4000. (MI and NY residents add sales tax.)



# CHIPS HARD- WOOD UP TO 1½" THICK

Powered by a rugged rotary motor, the all-electric ChipMate chipper has all the muscle of 1.5 hp, yet it's quiet as a breeze. Plugs into your household current, turns on with a flick of the switch. Double-blade cutting action chips fast, doesn't clog as many conventional chippers do. Weighs only 35 lbs. and is extremely portable. Cuts everything down to size—tree branches up to 1½" thick, hedge trimmings, piles of weeds, and all your garden debris—producing valuable material for mulch or for fast composting. Costs hundreds less than big, heavy chippers. ChipMate is made and sold by Mantis, famous for that great little 20-pound tiller.

**Powerful!  
All-electric  
and easy  
to use!  
Cleans up  
your yard and  
garden in no  
time!**

Send for free information about the **Mantis ChipMate** plus easy credit terms (just \$20 a month!) and one-month risk-free home trial.

Or call toll-free  
**1-800-366-6268**



**Mantis Mfg. Co.**

1458 County Line Road, Dept. C8168  
Huntington Valley, PA 19006

☐ Yes, please rush me information about the Mantis ChipMate

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

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Chippers/Shredders  
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machine, a fact that may affect its performance.

Most small electric models are lightweight and easy to store. Generally speaking, maintenance requirements aren't as demanding as those of gasoline engines, with the added benefit of quick and easy start-ups. For small gardens without much woody material, electric machines should fill the bill. Just be aware that these units will chip small branches only, and they won't handle large volumes of leaves, etc., added all at once.

Gasoline-powered engines, available from 3-hp on up, provide greater flexibility. Unlike tillers, however, there's no easy formula for what sized engine to choose for your chipper, shredder or combination model. As a general guideline, 3- or 4-hp machines will do a good job on suburban lots without a lot of debris from mature trees. They'll handle 2-inch limbs and pruning debris as well as leaves, stalks and other material.

For lots with several mature trees and large, mature shrubs, select a 5-hp machine. It will handle up to 3-inch-diameter branches and provide more speed when you shred other material. The 7- and 8-hp machines do well on large lots with a lot of trees and shrubs. They have extra power and speed.

The best way to find the right machine for your garden is to actually try it out. As a test, take to the dealer the largest diameter limb you'd usually chip. Some dealers may even let you take the machine home on a trial basis.

If you can take the machine home, take the opportunity to make sure it will fit where you plan to store it. If you're short on storage space, maybe you can share the machine with neighbors or members of your garden club. By splitting the cost, you might be able to purchase a larger machine that would better suit your needs.

With the number of chippers and shredders on the market today, there's bound to be one model that will help you turn a pile of leaves and limbs into mulch and compost — important ingredients for the long-term success of your garden.