

Where To Find Windrow Turners



Sandberger's new pull-type turner sells for just \$6,950.
 Contact: Autrusa Inc., P.O. Box 1133, Blue Bell, Pa. 19422 (ph 610 825-2973).

Photo shows Brown Bear's tractor-mounted windrow turner.
 Contact: Brown Bear Corp., P.O. Box 29, Corning, Iowa 50841 (ph 515 322-4220).



Frontier makes big self-propelled turners and recently introduced a new pull-type.
 Contact: Frontier Manufacturing, P.O. Box 9176, Brooks, Ore. 97350 (ph 503 792-3737).

EarthSaver turners range in size from 10 ft. up to 18 ft. wide.
 Contact: Fuel Harvesters Equipment, P.O. Box 7908, Midland, Texas 79708 (ph 915 694-9988).



Sittler machines come in push-type, pull-type and self-propelled.
 Contact: GSI Environment, 855 Pepin St., Sherbrooke, Quebec, Canada J1L 2P8 (ph 815 829-0101).

HCL specializes in tractor-pulled farm-size composters.
 Contact: HCL Machine Works, 15142 Merrill Ave., Dos Palos, Calif. 93620 (ph 209 392-6103).



Large, industrial size stationary units are available to fit most any size operation..

"In-Vessel" Composting Catching On Fast

The latest approach to composting comes from technology perfected and brought to market by a Sulphur Springs, Texas, company.

"In-vessel" composting is catching on fast in large part because it's much faster than conventional composting, resulting in stabilization in just three to six days instead of weeks or months, says BW Organics Inc. According to pre-determined menus for each particular material, it allows the site manager to precisely control moisture (which is ideally 40 to 50 percent) temperature (which is ideally 130 to 160 degrees F) and aeration. In-vessel composting can also be done year-around regardless of external ambient temperatures.

Called a "digester", BW Organics' system consists primarily of a rotating drum constructed of 3/8-in. thick treated metal. It's coated on the outside with 2 in. of spray foam insulation to hold in heat from the composting process. The drums load in one end and unload out the other either manually or by conveyor.

The machine, which is powered by a small electric motor, has proven successful with both dairy and poultry manure as well as a variety of other wastes, such as food and yard waste, in Texas A&M University tests.

For dairies, manure is first pumped from a holding tank into a separator. Freshly sepa-



BW's portable "In-Vessel" composters available in 2.5 and 6 cu. yd. capacities.

rated solid waste averages between 70 and 80 percent moisture and it's dried down to 60 to 65 percent on a pad before loading.

The typical 400-cow dairy produces approximately 2,500 cu. yds. of compost per year, Texas A&M says. At \$20 per cu. yd., after deducting variable and fixed costs, sale of compost can net a minimum of \$15,000 a year, Texas A&M says.

The system is currently being tested by BW Organics on a big Iowa hog farm as a follow-up to a smaller-scale Texas A&M test.

Five models - two portable and three stationary - are available.

The smaller portable unit, which has a capacity of 2.5 cu. yds., sells for \$15,600. The larger, which has capacity of 6 cu. yds., sells for \$25,160.

Contact: FARM SHOW Followup, BW Organics Inc., 150 E. Houston, Sulphur Springs, Texas 75482 (ph 903 885-3131; fax 5268).



Scat pull-type composter lifts windrow to turn it.

Contact: Scat Engineering, P.O. Box 266, Delhi, Iowa 52223 (ph 800 843-7228).

Aeromaster units are available with optional watering systems.
 Contact: Midwest Bio-Systems, Rt. 1, Box 98, Tampico, Ill. 61283 (ph 815 438-7200).



Wildcat's pull-type compost turners are for 40 to 100 hp tractors.
 Contact: Wildcat Mfg., Box 523, Freeman, S. Dak. 57029 (ph 800 627-3954).