

Rotoveyor separates out rocks, roots and other debris and deposits it in 8 cu. yd. hopper at rear.

HOPPER HOLDS UP TO 6,000 LBS. OF DEBRIS

Land Clearer Removes Roots, Rocks and Debris

A single pass with the Rockland Rotoveyor leaves newly-cleared land level and free of rocks, roots and other debris to a depth of 12 in. according to Mel Shanks, vice president, Rockland Manufacturing, Bedford, Pa.

Said to be the first and only machine of its kind, the Rotoveyor works with a series of three beaters running in reverse, each progressively smaller and faster than the one before it.

The beaters churn the soil, carrying it and debris onto an inclined, steel screen conveyor. Debris is separated out and deposited in an 8 cubic-yard hopper that can hold up to 6,000 lbs. of trash.

"At first, nobody would believe me

when I told them what it would do," says Joe Batten, Whiteville, N.C., who bought one of the first Rotoveyors sold in his state. "Now that they've seen it, they believe it."

The Rotoveyor can clear an eight foot swath. It operates most efficiently at 7 to 8 in. deep. Clears 1 to 1½ acres per hour. After a once-over operation, the land is ready for planting, according to Shanks.

The machine needs at least a 120 hp. tractor to operate. It stands 10 ft. tall, 34 ft. long and weighs 13,000 lbs. Sells for about \$32,000.

For more details, contact: FARM SHOW Followup, Mel Shanks, Vice President, Sales, Rockland Manufacturing Co., Box 5, Bedford, Pa. 15522 (ph 814 623-1115).

SWEEPS FIELDS CLEAN TO DEPTH OF 6 IN.

Root Rake Handles Big Cleanup Jobs

This heavy-duty, adjustable rake yanks out roots and debris from the top 6 in. of soil. It also levels and pulverizes soil as it windrows large and small roots for easy burning, according to the Darf Corporation, Edenton, N.C., manufacturer.

Height of the wheels can be adjusted to fit field conditions. In some cases, it may be necessary to clear off surface wood before setting teeth lower and making another pass to reach underground roots.

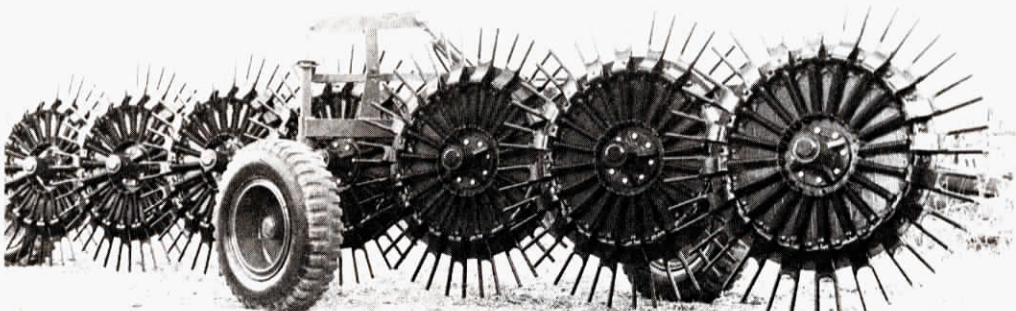
Raking width is adjustable from 9 ft. to 13 ft. by moving the tongue stabilizer back or ahead. On the standard model, tooth penetration of the raking wheels is adjusted mechanically although the wheels are lowered into the ground hydraulically. An all-hydraulic model is also available.

The 140 double raking teeth are all spring loaded and easily replaceable. The rake is 30 ft. long, weighs 5860

lbs. and requires a 60 hp tractor to operate.

Sells for right at \$10,500.

For more details, contact: FARM SHOW Followup, Darf Corporation, Edenton, N.C. 27932 (ph 919 482-4451).



Giant Darf root rake can clean 20-25 acres a day of roots and other debris. Machine is 30 ft. long and weighs 5860 lbs.



Goes anywhere a tractor or caterpillar can go, says manufacturer. Smashes anything in its way, including igneous rocks.

CLEARs LAND IN "ONCE OVER" OPERATION

A Trash Mulcher That Smashes Rocks

New Australian Land Conditioner smashes anything in its way, including rocks, and has land ready for cultivation after just one pass, according to the manufacturer.

The machine's pulverizing power comes from 28 6-lb. hammers made from manganese steel that revolve on a shaft at more than 1500 rpm.

Anywhere a tractor or caterpillar can go, the Land Conditioner is tough enough to follow and clear up the land, according to a spokesman for Sims Ltd., manufacturer. "It reduces virgin brush to a mulched state that can become mowable pastureland within one season. Its hammers pulverize non-igneous rocks up to 18 in. in diam. and will do the same to small stones, stumps and saplings."

In Australia and 15 other countries, the machine is being used by farmers to clear land and chop stubble, by

foresters to fight fires, and by land developers. The machine's hammers can be replaced with double sided razor-edged flail knives for lighter work.

The rotor shaft is driven by four V-belts that cushion shock and vibration. Heavy steel plating and an optional hinged back plate protect the driver.

FARM SHOW checked with a U.S. manufacturer who makes a rock picker. He seriously doubted the Land Conditioner's ability to "smash" the extremely hard rocks found throughout much of the United States.

For more details, contact: FARM SHOW Followup, G. E. Wilson, Export Officer, Grasslands Division, Sims Ltd., Box 4155, Sydney, Australia 2001.