



# ROTAVATOR



## THE MODEL HA

Tillage Widths of 40", 50", 60", 70" & 80"  
... for Tractors from 25 H.P. to 60 H.P.

The "HA" Series is one of the most versatile in the entire Howard ROTAVATOR line. Small farms, nurseries, vegetable growers, orchards, groves, vineyards, landscapers and rental yards all find multiple uses for the "HA" model. It prepares seedbeds in fewer passes with less soil compaction than conventional tillage implements. It chops and blends crop residues to build humus and improve soil structure. It incorporates chemicals for effective weed control. It also offers the ROTAVATOR owner a wide choice of options, including tillage widths from 40 to 80 inches; single-speed or multi-speed SELECTATILTH gearbox; variable offset, grove or rowcrop models; optional wheels or full-width crumble roller for reliable depth control.

**BIG PERFORMANCE**  
**ALL YEAR ROUND**

The versatile "HA" ROTAVATOR is designed to handle a variety of primary and secondary tillage tasks season after season.

In fall and winter, use it to build soil structure and control erosion. By chopping crop residues or cover crops and blending them into the soil, the "HA" improves its productivity during the peak growing period.

In spring, it prepares seedbeds that warm up faster and retain

# THE MODEL HA

**WIDE CHOICE OF**  
**OPTIONS, SPECIAL MODELS**

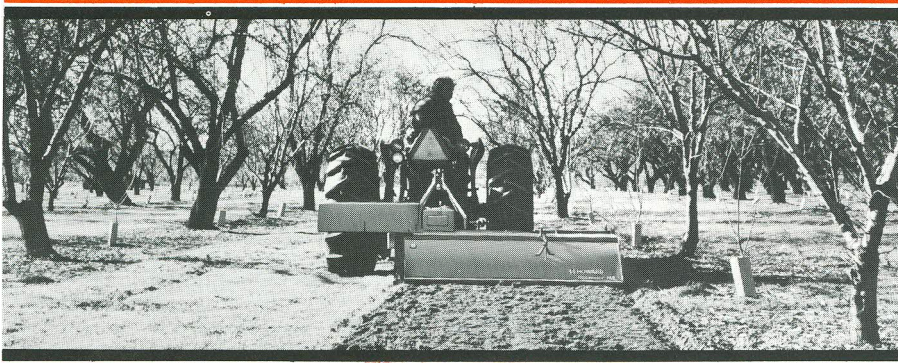
Accurate depth control is provided by heavy-duty, adjustable skids or optional front or rear depth-control wheels. On 70-inch

**TWO OFFSET**  
**GROVE MODELS**

The 70-inch "HA" Grove ROTAVATORS are specially designed for cultivation and crop residue incorporation in orchards, citrus groves and vineyards. One model is permanently offset to the right of the tractor. The other "Variable Offset" Grove model may be moved to any point, from centered to 62 inches to the right of the PTO. This offset feature plus the low-profile design allow for tilling close to valuable trees without damaging low-hanging branches. Offsetting is accomplished by an easy-to-use hand screw.

**MANY MODELS**  
**TO CHOOSE FROM**

Howard manufactures a complete line of ROTAVATORS for all crops and every tillage need. Choose models from 32 inches to 180 inches wide for 10 H.P. to 200 H.P. tractors. Contact your local Howard dealer or write direct for complete details.



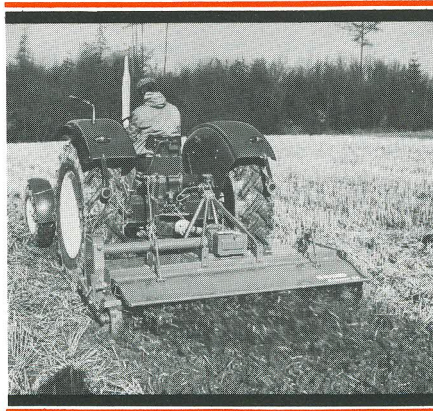
moisture longer for early germination and growth.

In summer, the Model "HA" is ideal for cultivating in orchards, berry and vegetable farms, groves, vineyards and nurseries.

**SINGLE-SPEED OR**  
**"SELECTATILTH"**  
**TRANSMISSION**

The "HA" offers a choice of rugged single-speed or versatile multi-speed SELECTATILTH gearbox. SELECTATILTH is an exclusive Howard feature which lets you change rotor speeds for varying soil conditions to achieve the exact tilth desired. By matching the tilth to a crop's optimum seedbed needs, the "HA" promotes sturdy roots, healthy growth and a more uniform stand.

and 80-inch "HA" models, an optional full-width crumble roller can be chosen to control depth plus provide a slight firming and leveling of the seedbed. Special 50-inch and 60-inch rowcrop models are also available, with crop shields and moveable blade flanges for strawberry cultivation.



**SPECIFICATIONS**

**Tillage Widths:** 40", 50", 60", 70" & 80"

**Power Range:** For tractors from 25 to 60 PTO H.P. with 540 rpm PTO.

**Linkage:** Category I and II, 3-point linkage.

**Tillage Depth:** Adjustable to 7" via twin depth-control skids standard. Twin wheels optional. Crumble roller optional on HA-60, HA-70, & HA-80 models.

**Rotor Speeds:** 190 rpm with single-speed gearbox. 165, 190, 210 & 235 rpm at 540 rpm PTO with standard SELECTATILTH gears. 190, 215 & 240 rpm at 1000 rpm PTO with standard SELECTATILTH gears. 3 additional speeds with optional gears.

**Machine Weight:** HA-40/665 lbs. HA-50/775 lbs. HA-60/850 lbs. HA-70/915 lbs. HA-70G/860 lbs. HA-70G-VO/900 lbs. HA-80/965 lbs.

THE HOWARD ROTAVATOR COMPANY A Member of the Howard Group of Companies

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ROTAVATOR



POWER HARROW



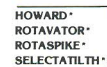
ROTASPIKE



TURF-QUAKER



ROTAVATOR



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