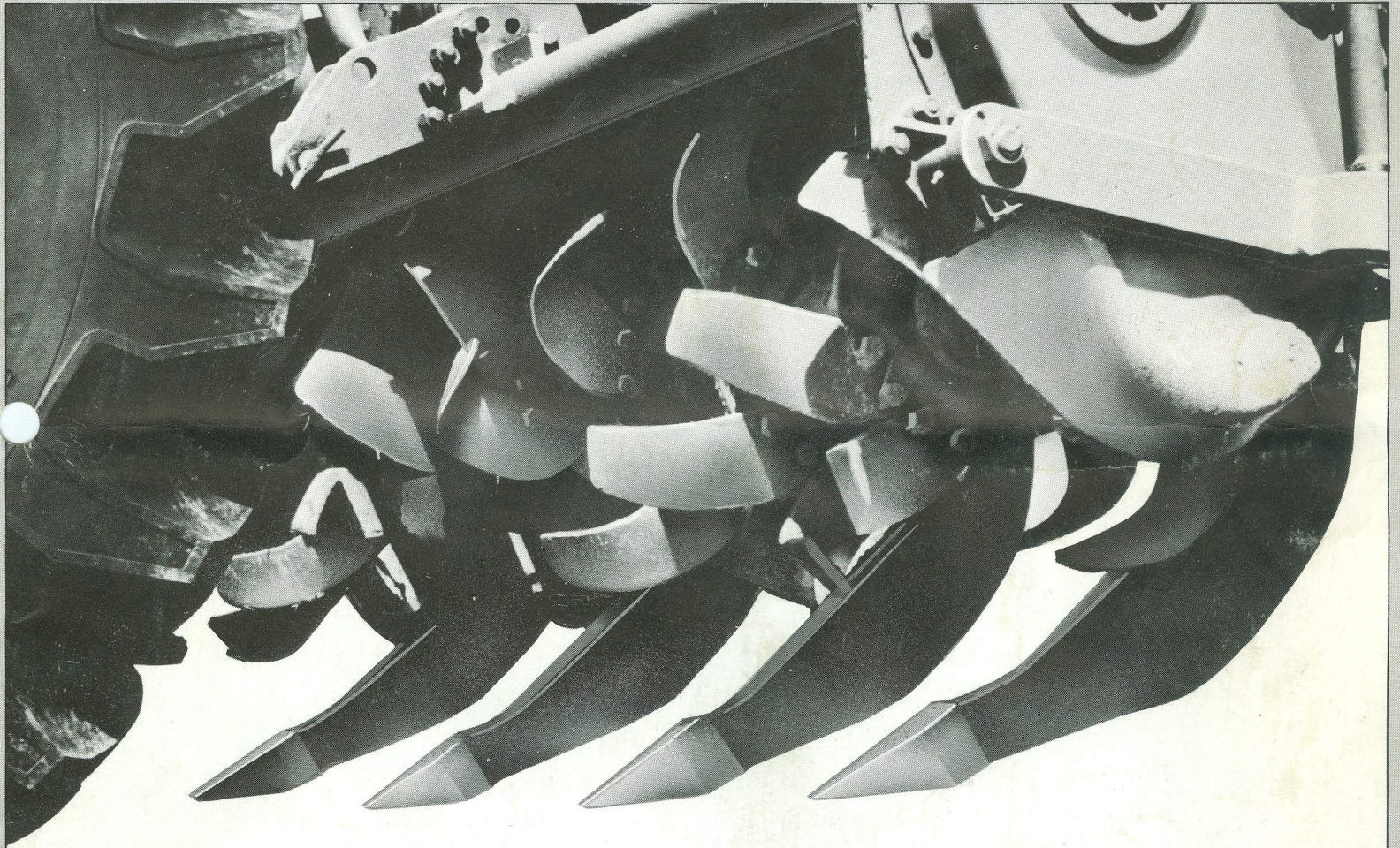
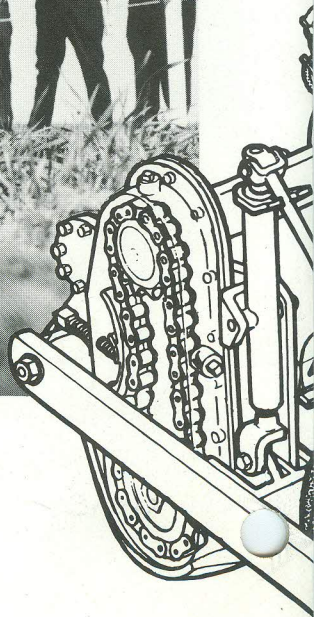


# ROTACHISEL<sup>®</sup>

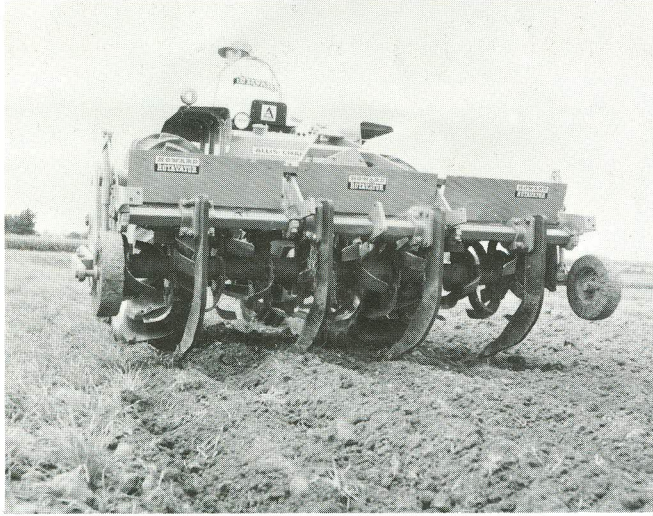


HOWARD'S  
NEW FULL DEPTH TILLAGE COMBINATION . . .  
"ROTACHISEL"

**HOWARD ROTACHISEL  
TILLS, PREPARES SEED BED,  
BREAKS HARDPAN  
ALL IN A SINGLE PASS.**



**H**ere, in one revolutionary new implement, is the sod cutting ability of a moldboard plow . . . the clod chopping ability of the disc and harrow, plus the pan busting ability of the chisel plow. In one pass across the field it slices the topsoil . . . chops roots, grass and residues . . . blends and mixes them into a perfect seedbed while simul-

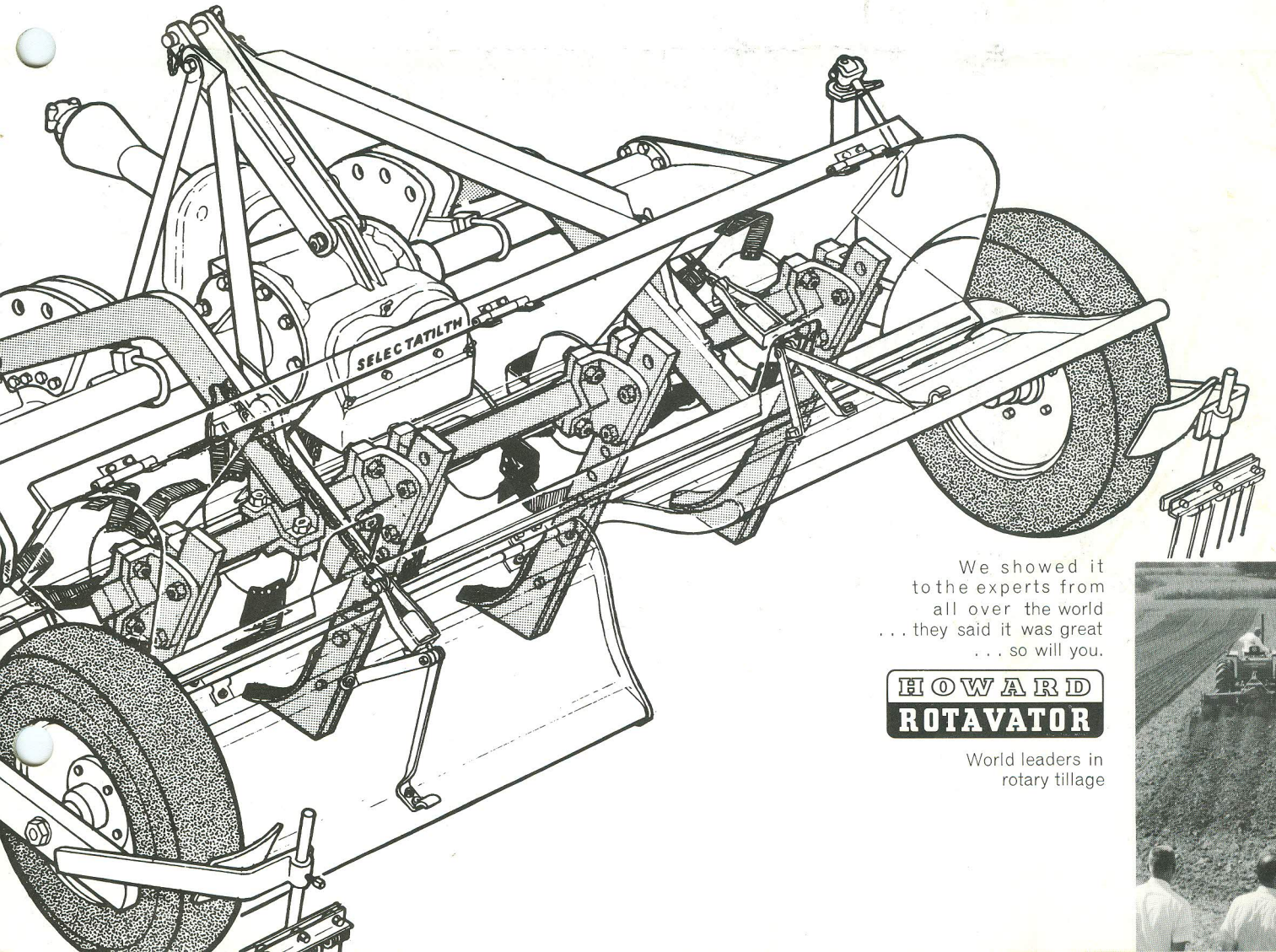


taneously digging down deep . . . breaking the hardpan and resulting in a soil condition that promotes free drainage and soil aeration, but still allows good moisture control for better root development.

This new chisel and Rotavator combination provides the perfect marriage of field implements . . . each complementing the other so that the maximum amount of tractor power is turned to "work."

The Rotavator blades . . . driven by the tractor P.T.O. give a forward "push" that the Rotachisel capitalizes on. This push forces the chisel tines into the hard subsoil without causing excessive drag against the tractor. The chisel tines, in turn, help the Rotavator by breaking and lifting the hard packed soil into the revolving Rotavator blades.

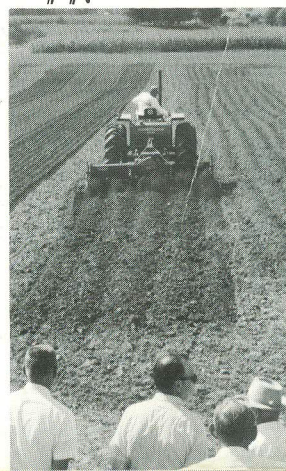
It's this perfect combination of whirling, slicing blades, and brawn of the deep cutting chisels that lets you work your fields quickly and efficiently . . . in one pass instead of four.



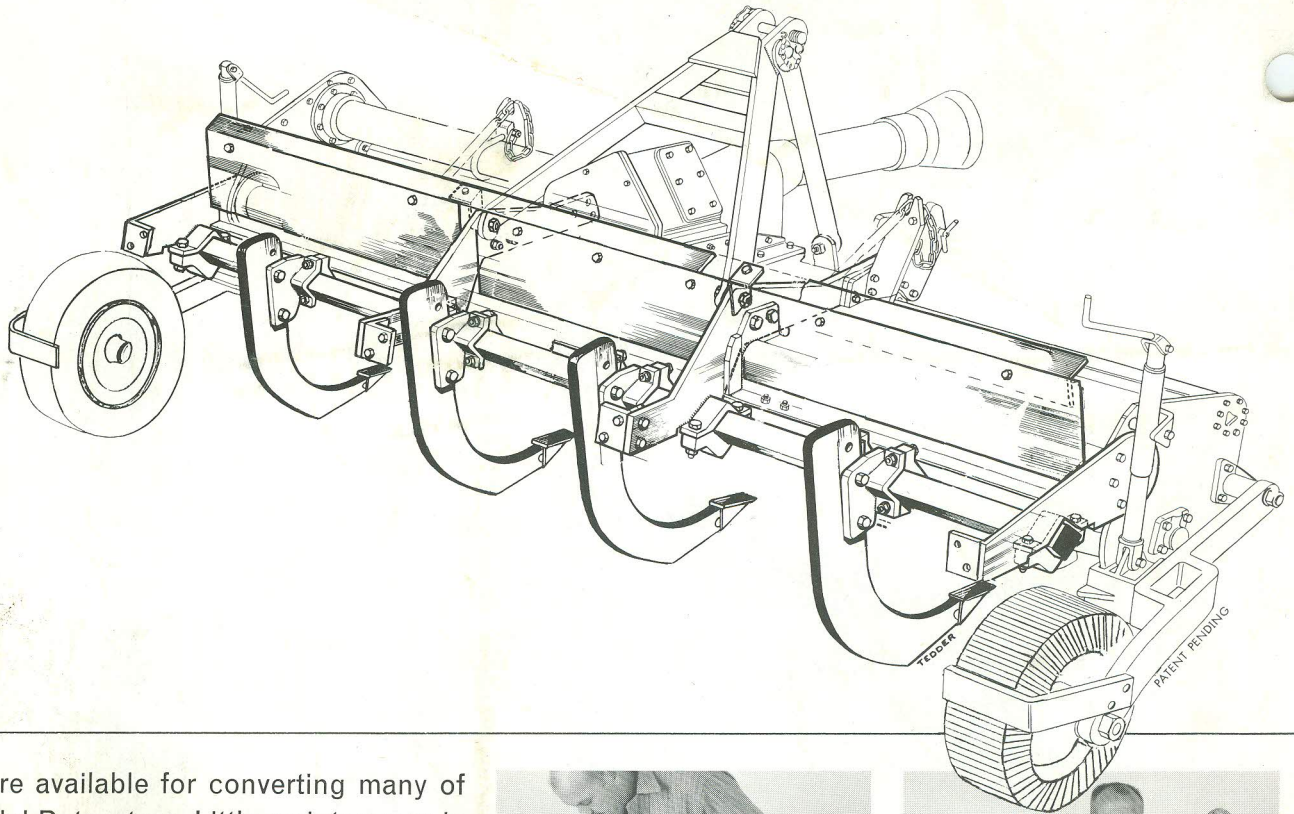
We showed it  
to the experts from  
all over the world  
. . . they said it was great  
. . . so will you.

**HOWARD  
ROTAVATOR**

World leaders in  
rotary tillage



# HOWARD ROTACHISEL SPECIFICATIONS



Rotachisel kits are available for converting many of the standard model Rotavators. Little maintenance is required, other than seeing that all nuts and bolts are kept tight and well lubricated to facilitate easy adjustment. Shear bolts are fitted to each chisel to prevent possibility of damage to the chisel or the toolbar. Two chisel designs are available as illustrated at the right.

The Howard Rotachisels are available in the following models, designed to handle various types of soil conditions and tillage widths:



The straight, lighter chisel is designed for moist or loamy soil conditions, or for Spring soil preparation. Chisels are adjustable from 3" to 9" below the Rotor blades.



The heavier, curved chisel is designed for harder packed soil and Fall soil conditions, and for use with larger Rotavators. Adjustable for both "L" & "C" blades.

For the "E" Series Rotavator, with a range of tillage widths from 50" to 80"; designed for tractors up to 60 B.H.P.  
 For the "S" Series Rotavator, with a range of tillage widths from 80" to 100"; designed for tractors from 65 H.P. to 100 H.P. For the "M" Series Rotavator, designed for larger farms, with tillage widths from 80" to 130"; designed for tractors from 80 H.P. to 140 H.P.

## ROTACHISEL KITS

MODEL	NO. CHISELS	SHIP. WGT.
E-50.....	2.....	460 lbs.
E-60.....	3.....	566 lbs.
E-70.....	3.....	590 lbs.
E-80.....	4.....	700 lbs.
S-80.....	4.....	700 lbs.
S-100.....	4.....	715 lbs.

M-80-100-130 Pending

Depth of Penetration Between 3" and 9" below Rotor Blades.

Toolbar 2-1/2" square section, solid.

Chisels Interchangeable, fitted with replaceable or reversible tips made from heat-treated steel.

## HOWARD ROTAVATOR

Howard Rotavator Co., Inc.  
 Harvard, Illinois  
 United States, United Kingdom,  
 France, Germany, Italy, Spain,  
 Ireland, New Zealand,  
 S. Africa, Australia,  
 Malaysia.

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