HOWARD

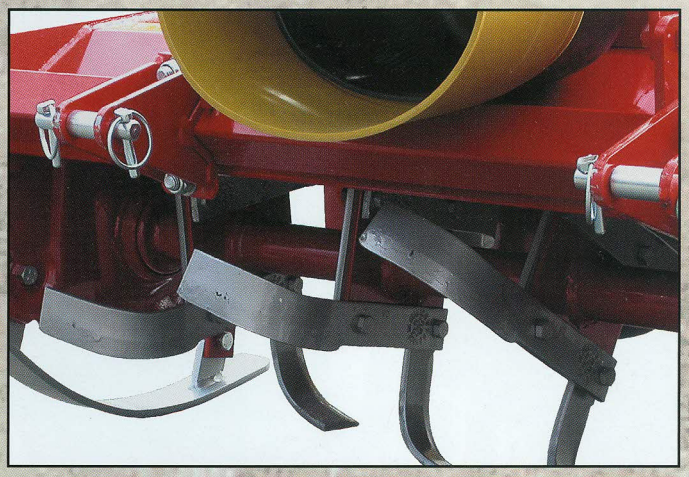
ROTAVATOR
200 / 300 /400

Rotavator 200: The best choice for compact tractors.

The Rotavator 200 has a very compact and strong design, which makes it ideal for smaller tractors up to 25 hp (18 kW).
The 200 is commonly used in garden, vegetables and orchard applications. The special rotor blade configuration is highly effective and has a low power requirement..

Rotavator 200-105. Specially designed for compact tractors.

Chain side drive, equipped with a 1 in. (2.5 cm) chain.



The rotor, fitted with 9941/2 blades is very effective.

Type	Working width in (m)	Transport width in (m)	Rotor Speed m	Weight lbs (kg)	Number of blades	Tractor engine hp (kW)
R200B-085	34 (0.85)	40 (1.02)	230	290 (132)	16	12-25 (9-18)
R200B-105	42 (1.05)	48 (1.22)		319 (145)	20	14-25 (10-18)
R200B-125	50 (1.25)	56 (1.42)		352 (160)	24	16-25 (12-18)

Rotavator 300: Extra capacity for small tractors.

The Rotavator 300 is designed as a reliable and long lasting machine for tractors up to 45 hp (33 kW). The gearbox and side drive (chain or optional gear drive) are extremely reliable and the fixed rotor speed of 232 rpm provides an excellent tilth.
The machine is designed with bolt-on side plates for easy maintenance, which will be especially appreciated by operators who work long hours.

Rotavator 300B-125. Good performance in gardening and general tillage.

The R300B is equipped with a chain side drive.
The long trailing board provides a very smooth finish.

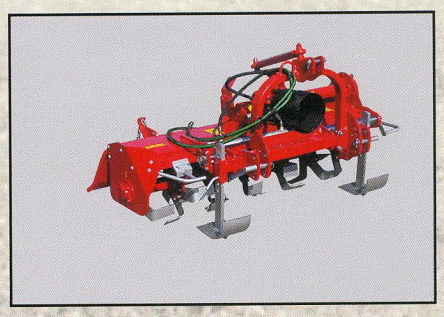
R300B.

Type	Working width in (m)	Transport width in (m)	Rotor Speed m	Weight lbs (kg)	Number of blades	Tractor engine hp (kW)
R300B-090	35 (0.90)	42 (1.07)	232	348 (158)	21	15-45 (11-33)
R300B-100	40 (1.00)	45 (1.15)		365 (166)	24	15-45 (11-33)
R300B-115	45 (1.15)	52 (1.30)		383 (174)	27	20-45 (15-33)
R300B-125	50 (1.25)	55 (1.40)		400 (182)	30	25-45 (18-33)
R300B-140	55 (1.40)	61 (1.55)		418 (190)	33	25-45 (18-33)
R300B-150	60 (1.50)	66 (1.68)		436 (198)	36	30-45 (22-33)
R300B-180	71 (1.80)	77 (1.95)		453 (206)	39	35-45 (26-33)

Rotavator 400: For professional use in vineyards, orchards and general tillage.

The Rotavator 400 has been developed to suit narrow tractors used in vineyard and orchard applications with cat. 1 or 2 hydraulic linkages. The 400 will also fit standard tractors for general use. The range has all the options required for adaption to most needs for the farmer and end user. The 400 range is available with gear or chain driven side drives and single speed or "Selectatilth" 4-speed gearboxes.

R 400S-155M



Rotavator 400B (Basic)

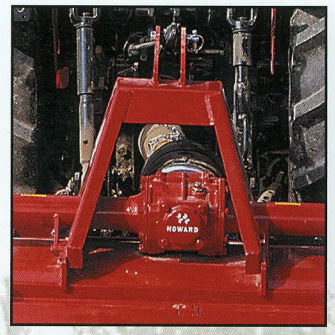
The 400B is equipped with a chain 1 1/4 in (3.2 cm) side drive and a single speed gearbox. It is fitted with standard "L" shaped blades (9900/01) which produce a very good crumbling effect. "C" blades can be supplied as an option. These blades require less power and provide a coarser finish for better moisture penetration. The Rotacadet rotor can also be fitted for reduced fuel consumption and very effective weed control.
The machine can be supplied with depth control skids or front steel wheels, according to needs.
The long trailing board has a special profile that provides a smooth, level soil surface.

Rotavator 400S (Super)

The Super version is equipped with a gear side drive, which is recommended for intensive use and heavy duty conditions. In addition, the machine can be supplied with a double tube configuration to increase overall strength for use in extreme conditions.
The 400S has the same rotor and depth control options as the 400B. As an option, the machine can be supplied with trailing board springs to ensure a perfectly smooth finish. A further option is the "Selectatilth" 4speed gearbox, which enables the operator to set the rotor speed for the conditions and finish required.

Rotavator 400Z (off set option - special order)

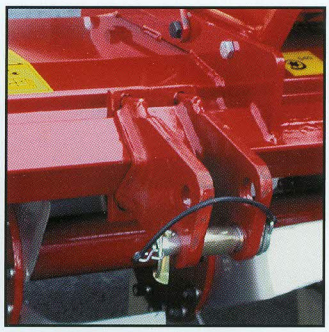
Rotavator 400Z has been designed in order to optimize the work in vineyards and orchards.
The hydraulic system allows the work either in central or offset position, to work as close as possible to the plantations, without damaging the lower branches.
Central position is suitable for seed bed preparation in vegetables and for general crops.
It is available in single speed gearbox and 4 speeds Selectatilth.
The machine is available with 3 different depth control systems: Side skids, front skids and front wheels.



Single speed gearbox.

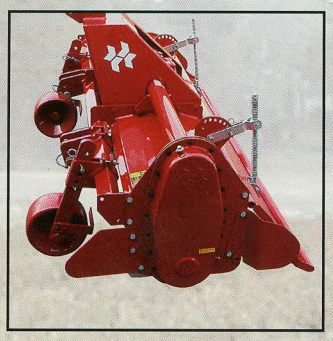
Selectatilth four speed gearbox.

Long trailing board with special profile.



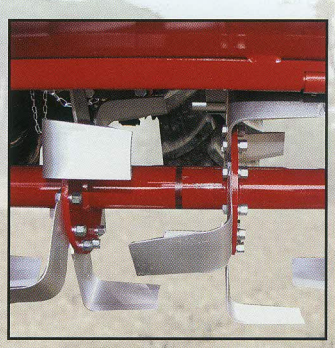
Lower brackets movable for tractors with cat. 1 and 2 linkage.

Depth control skids.



Front wheels.

Optional trailing board springs



Detail of the bladed rotor.

The Rotavator 400 range is very versatile and it can be used in many different applications and conditions. Because of its modern design with increased rotor clearance and reinforced frame, the 400 series can be used on tractors up to 55 kW in hard soils and difficult conditions. The 400 series is ideal for weed control and seedbed preparation for vegetables, vineyards and general crops.

R400B (Basic)

Type	Working width in (m)	Transport width in (m)	Rotor Speed rpm	Weight lbs (kg)	Number of blades	Tractor engine hp (kW)
R400B-080M	30 (0.80)	40 (1.02)		528 (240)	18	25-65 (18-48)
R400B-090M	35 (0.90)	44 (1.12)		561 (2559	21	30-65 (22-48)
R400B-100M	40 (1.00)	48 (1.22)		605 (275)	24	30-65 (22-48)
R400B-130M	51 (1.30)	60 (1.52)		682 (310)	30	40-65 (29-48)
R400B-140M	55 (1.40)	64 (1.62)	219	715 (325)	33	40-65 (29-48)
R400B-155M	61 (1.55)	70 (1.77)		748 (340)	36	45-65 (33-48)
R400B-165M	65 (1.65)	74 (1.87)		781 (355)	39	45-65 (33-48)
R400B-180M	71 (1.80)	80 (2.02)		825 (375)	42	45-65 (33-48)
R400B-205M	81 (2.05)	89 (2.27)		891 (405)	48	50-65 (37-48)

R400S (Super)

Type	Working width in (m)	Transport width in (m)	Rotor Speed rpm	Weight lbs (kg)	Number of blades	Tractor engine hp (kW)
R400S-080M	30 (0.80)	40 (1.02)		528 (240)	18	25-65 (18-48)
R400S-090M	35 (0.90)	44 (1.12)		561 (260)	21	30-65 (22-48)
R400S-100M	41 (1.00)	48 (1.22)		605 (275)	24	30-65 (22-48)
R400S-130M	50 (1.30)	60 (1.52)		682 (310)	30	40-65 (29-48)
R400S-140M	55 (1.40)	64 (1.62)	219	715 (325)	33	40-65 (29-48)
R400S-155M	61 (1.55)	70 (1.77)		748 (340)	36	45-65 (33-48)
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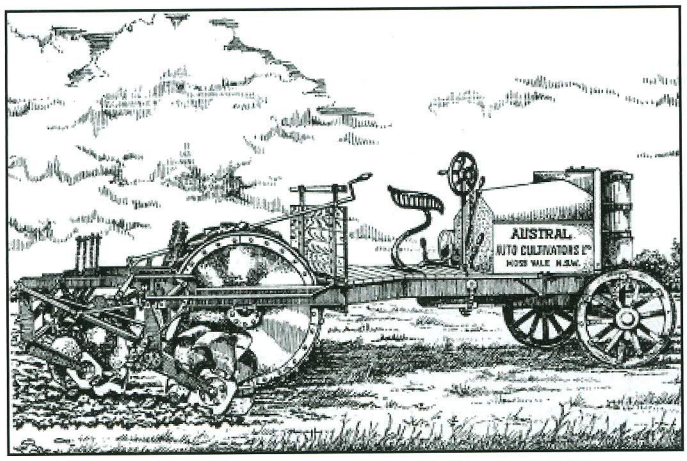
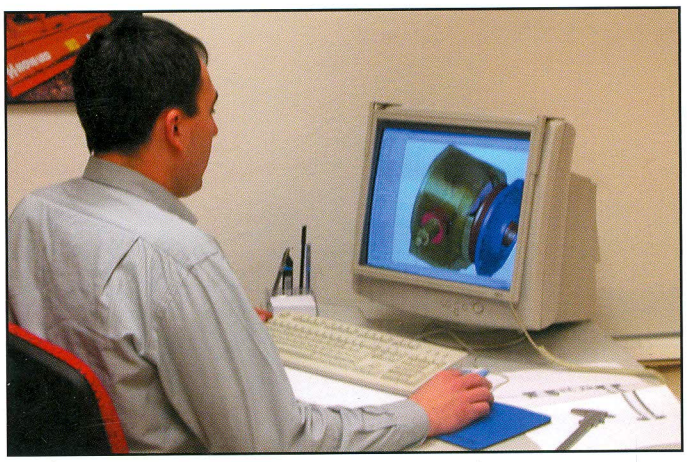
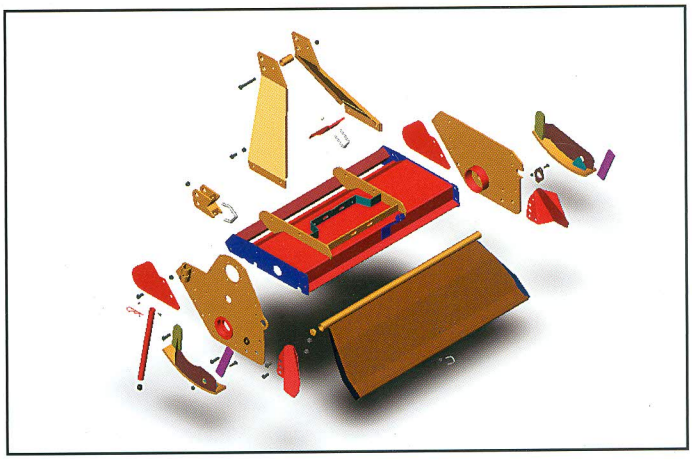
Rotavator and Rotalabour.
The benefit to the farmer is experience and high technology.



The Rotavator was invented by Mr A.C. Howard in 1922.

Howard Rotavator 400.





The highest technology has been applied to the Rotavator range.

Take advantage of the original Rotavator. Howard, during the years, has invested heavily in the Rotavator program, and as a result there are thousands of satisfied farmers around the world. As needs change, there are many different applications requiring a Rotavator. Howard offers the most complete range with many different options and configurations, in order to match any demand from the market.

Only high quality materials and modern procedures are used in the production of Rotavators, making extremely reliable machines capable of working in the most difficult conditions.

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