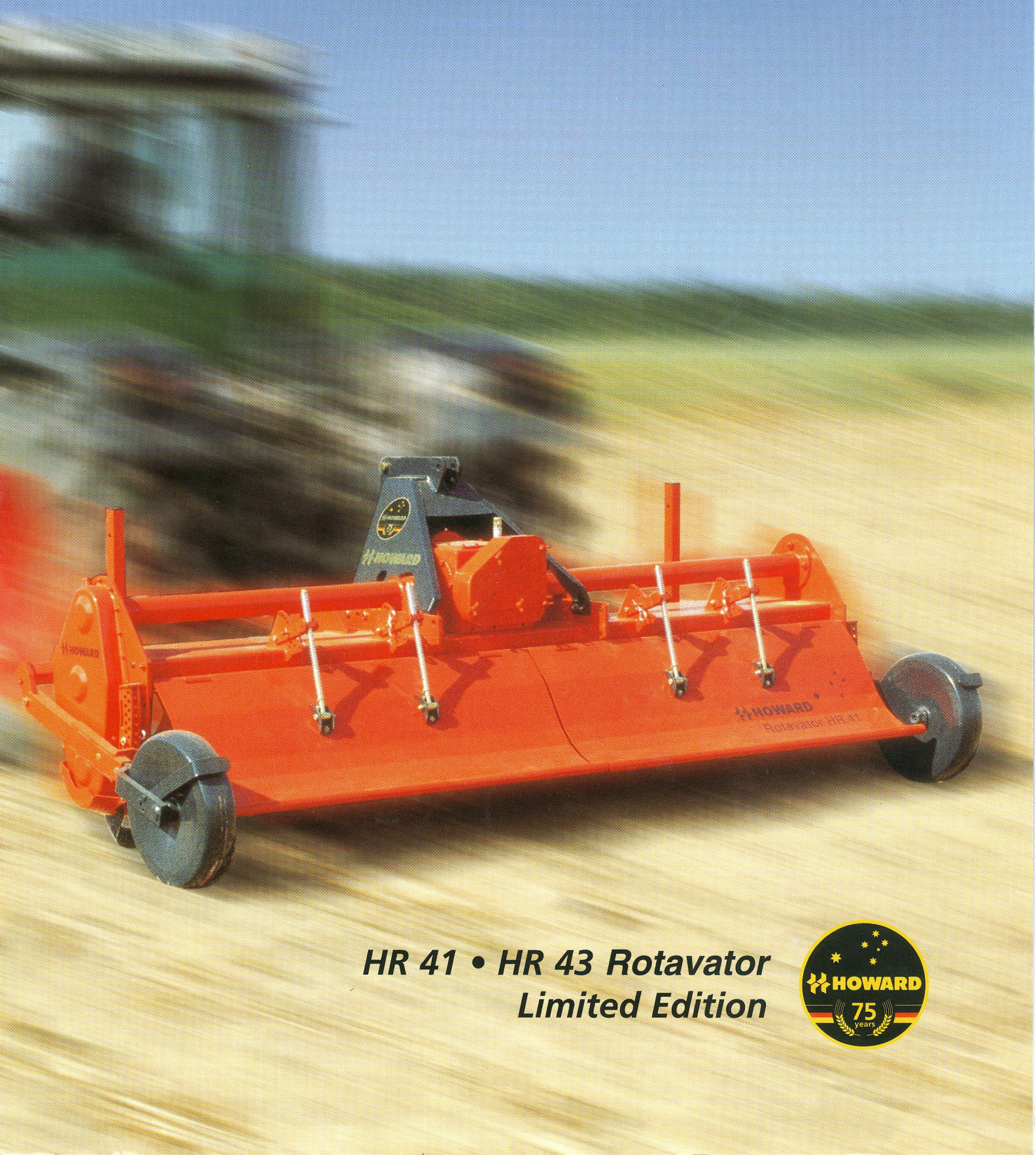
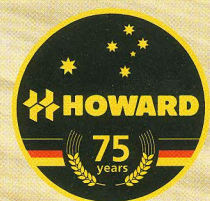


HOWARD

HR 41 • HR 43 Rotavator



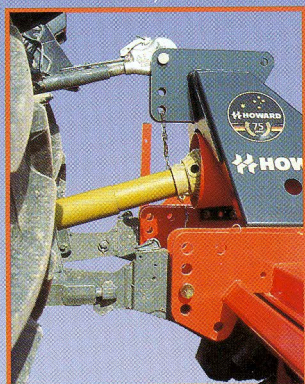
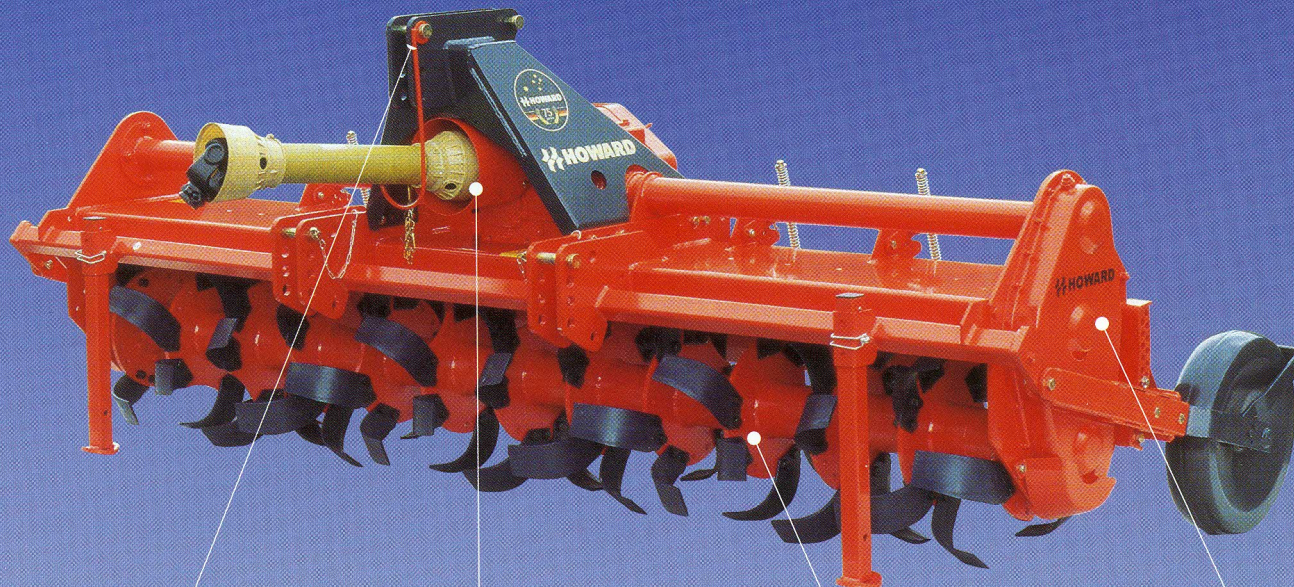
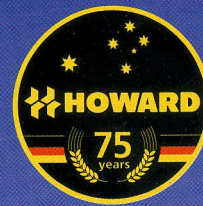
**HR 41 • HR 43 Rotavator
Limited Edition**



HR 41 • HR 43 Rotavator

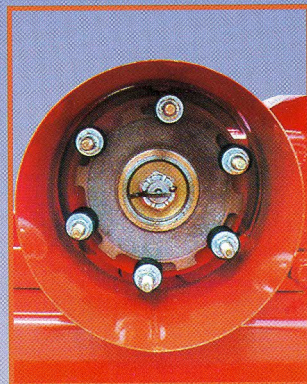
Limited Edition

75 years HOWARD (1922-1997)



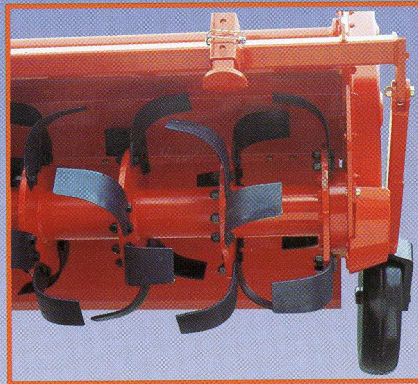
• Linkage

This linkage suits standard Cat 2 & 3N quick hitch systems. Provision has been made also for the fitment of European style Cat 2 lower bar style quick hitch.



• Safety clutch

The four plate sintered bronze slip clutch is fitted to protect both tractor and Rotavator transmission against over-loads. This clutch can be adjusted to suit tractor power and Rotavator application.

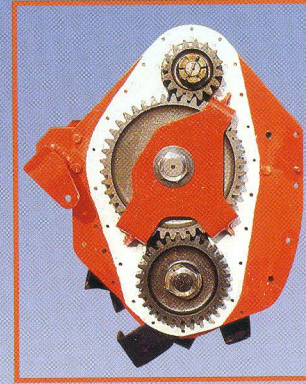


• Rotor

As standard rotors can be bladed in either 2 or 3 blade configuration with a variety of blades available to suit all applications. Standard "L" blades are the most versatile while "C" or speed blades offer improved performance in sticky soils or where crop residue builds up on the "L" blade.

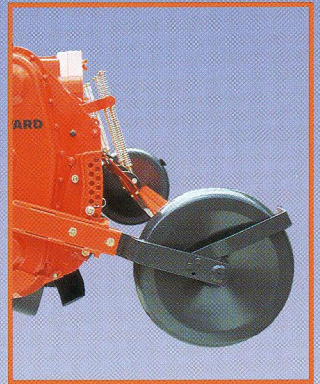
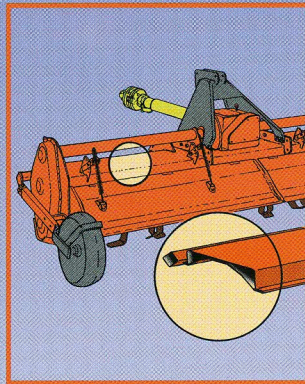
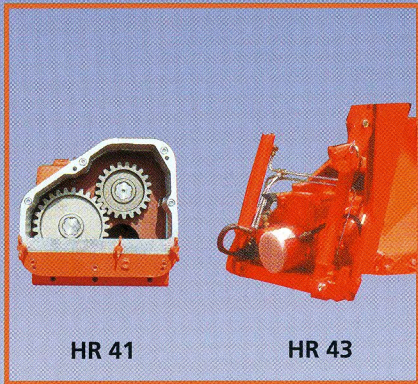
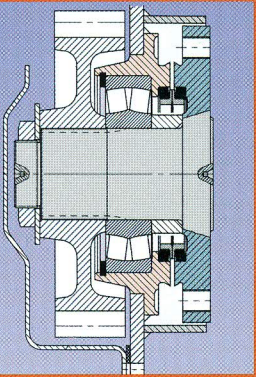
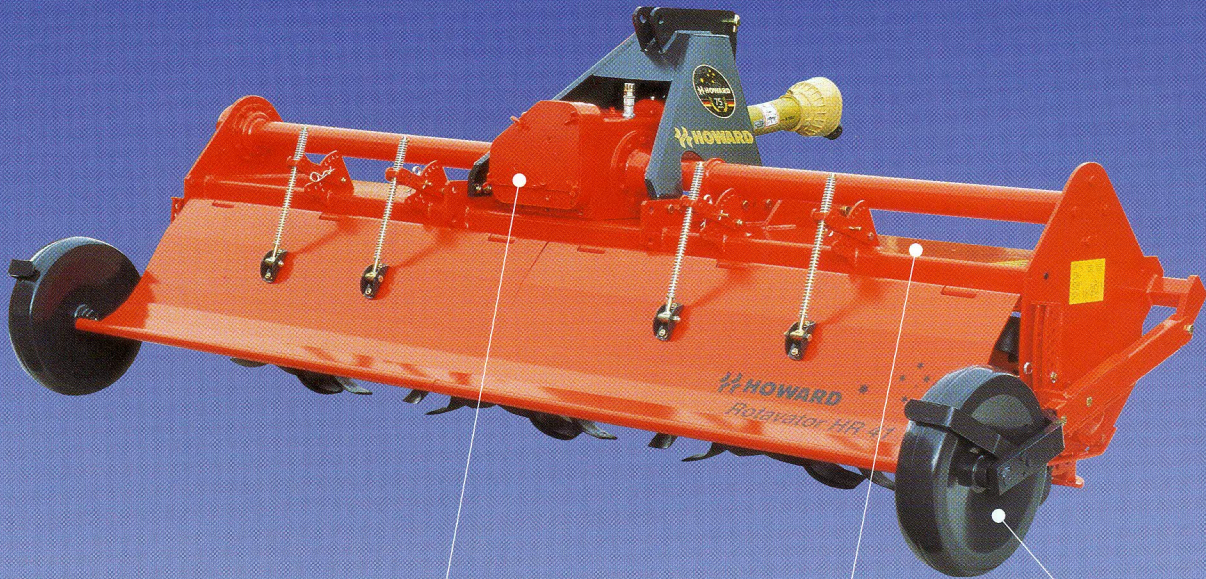
• Optional Rotors

Rotor options such as the Rotapointe and Rotalabour rotors (available in the proven HR 40 series) may be fitted to the HR 41 if required.



• Gear Side Drive

A robust and compact gear side drive transfers the drive from the gearbox, down the side of the machine to the rotor. The "Y" bracket, idler gear support provides rigidity in the side drive and ensures gear alignment is maintained.



• Face Seals
The rotor bearings are protected against the ingress of soil by face seals which are unsurpassed in their sealing ability in arduous environments such as highly abrasive sand soils or those with a high water content.

• Gearbox
The large gearcase provides ample oil volume and surface area for cooling and features easy inspection access to the crownwheel and pinion.

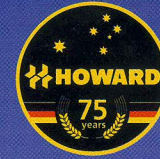
- HR 41 - Selectalith gearbox**
A proven simple and effective solution to providing the operator the ability to select the rotor speed to match the tractor and application.
- HR 43 - Lever change gearbox**
For quick alteration of the rotor speed in more variable situations the lever change version is the preferred gearbox.
- Oil cooler option**
This circulates gearbox oil through the front frame tube to assist cooling when operating at maximum power in high temperature environments.

• Frame
The robust and rigid monocoque frame is constructed from 6mm plate proven on, and inherited from, the HR 40 series. It has been enhanced with the under hull sections which are now formed from one piece to reduce soil sticking points.

• Side Wheels
Pin adjustable steel wheels are used to control the Rotavator working depth. This multi-stop system provides simple and identical depth setting.

HR 41 • HR 43 Rotavator

Limited Edition



HR 41 & HR 43 combination and accessories possibilities.

Technical Specifications

Model	HR 41	180	205	230	255	305	355
	HR 43	-	-	230	255	305	355
Working Width		1.78 m (70")	2.03 m (80")	2.30 m (90")	2.55 m (100")	3.05 m (120")	3.56 m (140")
Overall Width on wheels		2.21 m (88")	2.46 m (98")	2.73 m (108")	3.00 m (118")	3.50 m (138")	4.01 m (158")
Maximum Power		110 kW (150 HP) [PTO rating at 1000 rpm]					
Minimum Power		44 kW (60 HP)	50 kW (68 HP)	56 kW (76 HP)	63 kW (85 HP)	74 kW (100 HP)	
Mounting		Cat. 2, Cat. 2 & 3N USA Quick Hitch. Central only.					
Rotor rpm	HR 41	186, 219, 301					
	HR 43	-	-	211, 237, 267, 291, 327, 368, (23/27 gears) 185, 208, 234 (21/29 gears)			
Side Drive		Gear					
Rotor Sealing		Face Seals					
Number of Blades		42	48	54	60	72	
Weight (approx)		750 kg	820 kg	925 kg	1000 kg	1125 kg	

Accessories & Options

- (Available for all models)
- European Quick Hitch Lower Bar
 - Rear Combi Hitch (Hydraulic or fixed)
 - Gearbox Oil Cooler
 - Rotalabour or F1 Rotor
 - Pneumatic wheels or Skids
 - Crumble or Packer Rollers

Note: Local specifications may vary from those given. If in doubt consult your dealer or distributor.



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