HOWARD

HR4-HR8-HR10 Rotavator ®

HOWARD
HR4 Rotavator ®

HOWAR
HR8 Rotavator ®

HR4 : for tractors up to 25 HP

HR8 : for tractors up t

Compact design (fig. 4)

The low profile frame, particularly on the offset side, is designed to enable easy working close to low inrow plantations such as vineyards, nurseries, etc. whilst fully respecting the vegetation due to its smooth lines, avoiding any hook-ups on branches or leaves.

Robust transmission (fig. 5)

The drive assembly is designed to stand-up to severe working conditions, in the true Howard tradition.

4 blade rotor (fig. 6)

The rotor equipped with 4 blades per flange, requiring very little horse power, ensures a time saving for blade change (less bolts).

6 blade rotor (fig. 7)

The Rotavator type rotor equipped with 6 P type blades per flange, designed for difficult working conditions. This rotor can be equipped with "L" blades or speed blades.

Rotacadet rotor (fig. 8)

For the 1,80 m (70") HR10 Rotacadet version, designed for market gardening and fine tilth preparation. The Rotacadet version is supplied with front wheels as standard.

Maximum working width (fig. 9)

The blades mounted on the rotor extremities face outwards to ensure the maximum working width in relation to the overall width of the Rotavator enabling close working to inrow plantations.

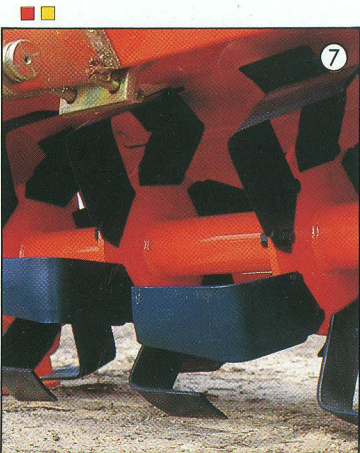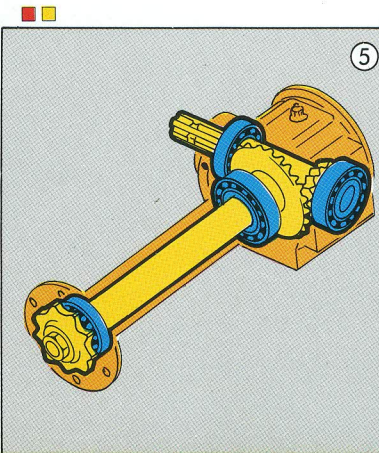### Offset linkage (fig. 10) (fig. 11)

The Rotavators can be operated in line or offset on the right-hand side by simply repositioning the sliding clevis brackets. All types can be mounted onto tractors equipped with standard or narrow hitch.

Topmast independent to the drive assembly (fig. 12)

The linkage points and the topmast are mounted on the frame and not on the drive assembly, which consequently remains isolated from any stresses which may occur. The integral double skin frame ensures a maximum stability.

The rear mounted gearbox (fig. 13)

Reduces the universal joint angle while placing the centre of gravity (the rotor) closer to the tractor. The Rotavator and the tractor form a compact unit easy to manœuvre in confined spaces.
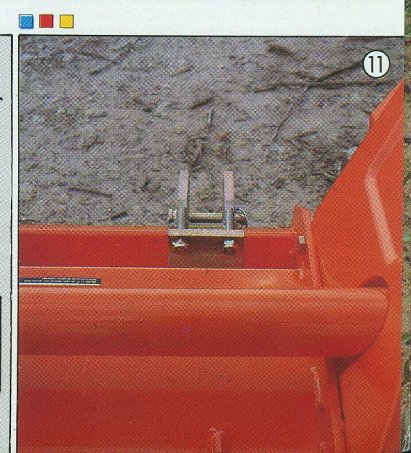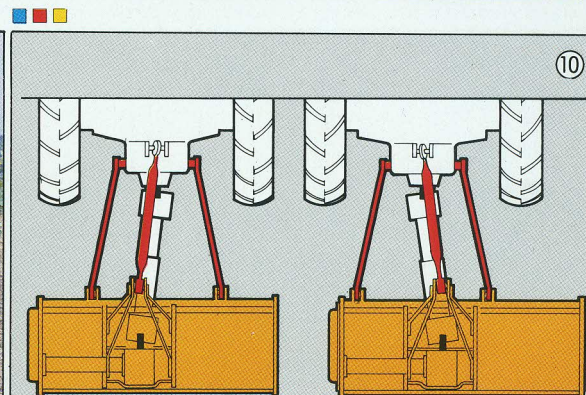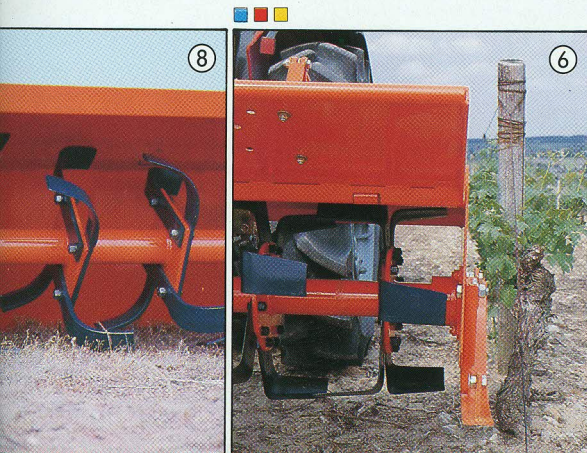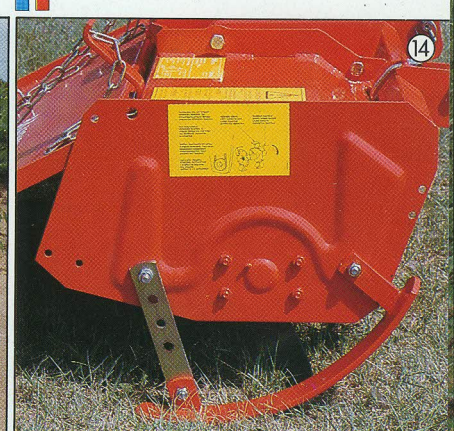

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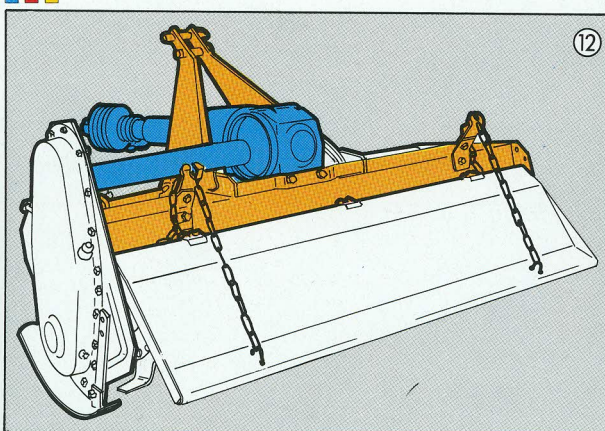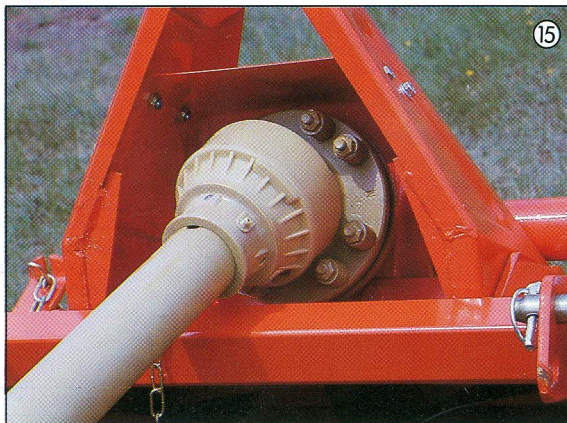**to 35 HP**

■ *HR10 :* for tractors up to 50 HP

Ribbed side plates (fig. 14)

The side plates are reinforced by press-formed ribs ensuring a maximum rigidity without adding extra weight.

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Safety clutch (optional extra) (fig. 15)

In order to improve protection of the drive transmission on both the Rotavator and the tractor a safety clutch can be supplied as an optional extra.

Front wheels (optional extra) (fig. 16)

Front wheels are available as an optional extra in order to control the working depth without use of the standard skids, and also to reduce the overall width of the Rotavator.

Specifications

models	HR4			HR8				HR10					HR10 Rotacadet
• working width	0,85 m	1,05 m	1,25 m	0,80 m	1,05 m	1,15 m	1,25 m	0,90 m	1,05 m	1,25 m	1,55 m	1,80 m	1,80 m
• overall width	1,03 m	1,23 m	1,43 m	0,91 m	1,17 m	1,32 m	1,41 m	1,09 m	1,22 m	1,39 m	1,72 m	1,99 m	1,94 m
• maximum HP	25 HP			35 HP				50 HP					50 HP
• minimum HP	12 HP	14 HP	17 HP	13 HP	17 HP	20 HP	22 HP	20 HP	23 HP	27 HP	33 HP	36 HP	31 HP
• mounting hitch	Cat. I			Cat. I				Cat. I			Cat. I & II		Cat. I & II
• rotor speed at 540 rpm	238 rpm			196 rpm				210 rpm					295 rpm
• number of blades	16	20	24	18	24	30	30	21	24	30	36	42	44
• possible offset	10 cm	17 cm	22 cm	10 cm	17 cm	22 cm	22 cm	13 cm	13 cm	21 cm	25 cm	axial	axial
• weight	130 kg	135 kg	155 kg	150 kg	170 kg	185 kg	190 kg	225 kg	240 kg	260 kg	285 kg	335 kg	305 kg

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