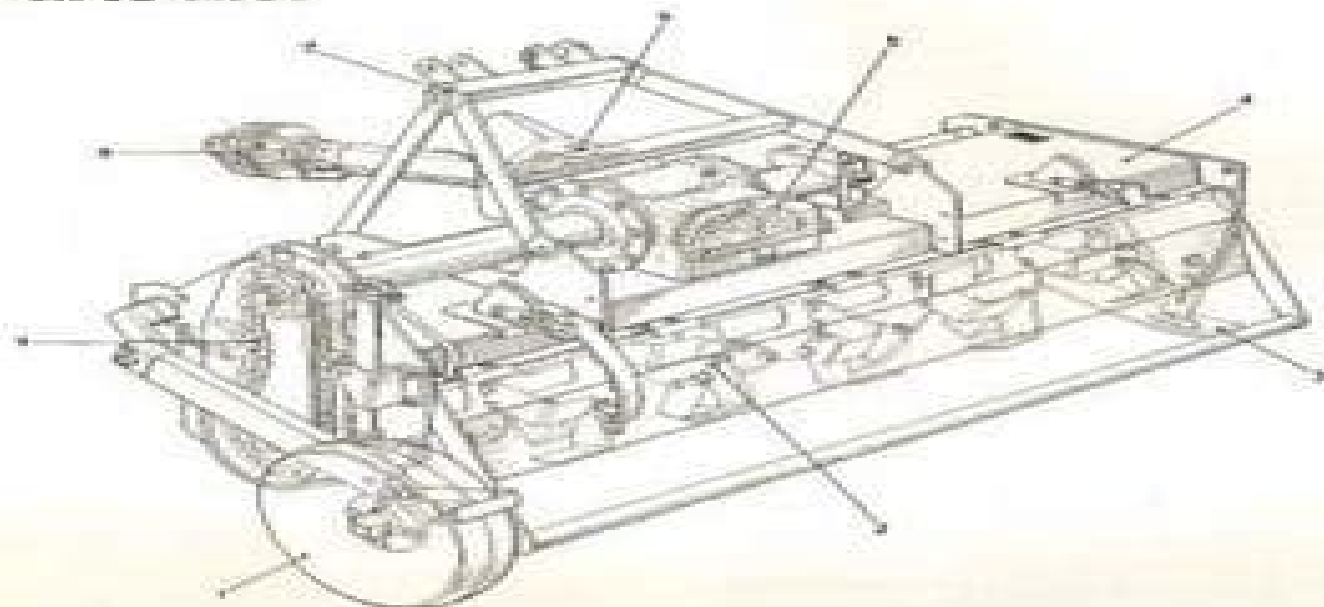


HE Rotavator Operating Instructions and Parts List



INTRODUCTION

To obtain the best results follow these instructions carefully and do not neglect the lubrication and maintenance necessary to keep the machine in good working order.

All directions, left and right are given when standing behind the ROTAVATOR and facing towards the tractor.

DESCRIPTION

The HOWARD HE Series ROTAVATOR is intended for use with tractors having from 37-75 hp (25-55 kw) 540 or 1000rpm pto and working widths from 127 cm (50 inches) to 229 cm (90 inches).

Drive is via the universal joint assembly, (8) safety clutch (6), SELECTATILT® multi-speed gearbox (5) and heavy duty chain side drive (9) to the rotor (2).

Depth of tillage is maintained by rear mounted depth control wheels, (1) skids (3) or an optional crumble roller.

Suitable for either category 1 or II 3-point linkage, the HE Series can be centrally mounted and the 50, 60 and 70 versions can be offset 26cm (10 inches)

KEY

- | | |
|-----------------------|----------------------------|
| 1 Depth control wheel | 6 Safety clutch |
| 2 Rotor | 7 Top mast |
| 3 Skid | 8 Universal joint assembly |
| 4 Hull | 9 Side drive |
| 5 Selectatilt gearbox | |

The type of till produced is controlled by:-

- (a) The type and moisture content of the soil - see page 10.
- (b) The type of rotor - see page 4.
- (c) The rotor speed - see pages 2 and 10.
- (d) The trailing board position - see page 10.
- (e) The tractor power and speed - see page 10.

Optional equipment:-

- | | |
|----------------|------------------------------|
| 50, 60, 70, | Slip flange rotor |
| 60, 70, 80, 90 | Rear tool bar |
| 70, 80, 90 | Front power relief types |
| 80, 90 | Spike rotor - Crumble roller |

WORKING WIDTHS

See illustrated above

- | | |
|----|-------------------|
| 50 | 125cm (50 inches) |
| 60 | 152cm (60 inches) |
| 70 | 178cm (70 inches) |
| 80 | 204cm (80 inches) |

Howard Backhoe Manual

Annelies Wilder-Smith



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