



THE FALCON ROTAVATOR



The Falcon Rotavator is designed and constructed in South Africa, by people who understand the tough African conditions and manufacture accordingly. The Falcon Rotavator is designed to suit tractors from 30 to 70 kW.

The rotor turns at the optimum speed for all cultivation operations and the required tilth can be obtained by adjusting the forward speed and the setting of the rear deflector.

The Rotavator is the most efficient means of transmitting engine power directly to the soil with no wheel slip and a major reduction in transmission power loss.

The Rotavator will produce a perfect seedbed in fewer passes. It is the ideal implement for cash crop farmers who need to bury and incorporate crop residues quickly, between crops.

Blades can be mounted in the three bladed configuration for a fine tilth or in the two bladed configuration for a coarser finish.

All machines are supplied with a PTO shaft and torque limiting slip clutch, central and offset mounting points, depth control skids, parking stand and a complete set of blades.



Uses for the Falcon Rotavator

Fitted with Bladed Rotor:

- Seedbeds – from coarse to fine, on uncultivated, ripped or ploughed soil
- Green manuring
- Chemical incorporation (with optional pump drive shaft)
- Weeding
- Stubble mulching
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Fitted with “Harrow” Rotor (uses less power – fitted with spikes in place of blades; ideal in stony conditions):

- Seedbeds on ploughed soil
- Chemical incorporation
- Pasture renovation

Other Uses Include:

- Planting Kikuyu grass
- Preparing playing fields
- Landscaping
- Soil stabilisation for roads

With “Bolt on” Accessories:

- Strip tillage in cane, timber and maize

Weed control in citrus orchards

No other soil tillage tool can offer you the versatility of a rotary cultivator. When the weather conditions are unfavourable, it is sometimes the only tillage implement that can be used.

Coarse or fine seedbeds

By adjusting the machine, and selecting the appropriate tractor gear, a combination can be found to suit

THE RANGE OF FALCON ROTAVATOR

Model	Working Width	Mass (Kg)	Model	Mass (Kg)
Rotavators			Bedformers for Rotavators	
F125 Rotavator	1280	300	Bedformer for F125	120
F150 Rotavator	1530	360	Bedformer for F150	130
F175 Rotavator	1780	420	Bedformer for F175	140
F200 Rotavator	2030	480	Bedformer for F200	150



FALCON CONSTRUCTION

Gearbox

75kw prefabricated all steel welded casing, precision machined, hardened and ground gears, high tensile steel shafting and extra large deep groove ball bearings.

Mounting

Central and offset Cat II mounting standard on all models

Rotor Drive

Simple, effective, with extra heavy-duty chain and a selection of chain sprockets available to suit unusual applications; housed in a fabricated steel heavy duty chaincase.

Rotors

Extra heavy-duty flanges and rotor shaft support a selection of blades; optional “harrow” rotor with spikes or pasture renovating tines also available.

Bodywork

Tremendously strong hull construction, pressed steel topmast and rigid sideplates ensure many seasons of trouble-free operation.

Paintwork

Falcon’s pride! All machines pass through a series of heated dipping tanks to ensure that corrosion inhibitors penetrate the construction completely – prior to being immersed in a prime coating tank; only then are colour coats sprayed on for final protection and decoration.

