



## THE FALCON RANGE OF IMPLEMENTS

MATERIAL HANDLING

FLAIL IMPLEMENTS

ROTAVERS

HAYMAKERS®

SPREADERS

MOWERS

SLASHERS

MULCHERS

**TOUGH RELIABLE DURABLE**

Each Falcon implement is designed to be simple, safe and serviceable, offering excellent value for money. They are built to last and are capable of coping with the tough South African conditions.

Falcon Agricultural Equipment (Pty) Ltd also distributes a range of imported products which include spreaders, sprayers, soil tillage implements, specialised mowers and shredders.



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## THE FALCON PROMISE



The Falcon Promise is our business philosophy that forms the foundation of the Falcon core values and deliverables. It is what we live every day and how we do business.

### EXPERIENCE

Over 30 years of designing, manufacturing, importing, distributing and selling a wide range of agricultural implements for the South African farmers varied needs

### CUSTOMER SERVICE

Our supportive, professional, efficient and fast customer service is what our 31+ years of business is built on

### ECONOMICAL

Built specifically for the local South African farmer by South African's. No exchange rates or import duties.

### DESIGN

Simple  
 Safe  
 Serviceable  
 Built-to-last

### LOCAL

Made for South Africa's tough conditions. Readily available spare parts and excellent customer service

### OUR VALUES

Honesty  
 Trust  
 Respect  
 Integrity

## FALCON AGRICULTURAL EQUIPMENT (PTY) LTD

Falcon Agricultural Equipment (Pty) Ltd is the largest manufacturer of rotary cutters in Africa. The company opened its doors in 1985, at its current premises in Howick, KwaZulu-Natal, South Africa. We manufacture the Falcon and Locust ranges of implements as well as importing a range of implements that complement the locally produced ones.

We have built long-standing relationships with our dealers and their customers, based on honesty, trust, respect and integrity. Excellent customer service is an important part of the Falcon promise.



www.falconequipment.co.za



## MULCHERS



FIELDMULCHER™



SIDE DISCHARGE MULCHER

**TOUGH RELIABLE DURABLE**

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## RANGE OF MULCHERS™

Model ("+" Includes Offset)	Width of cut (m)	Blades	Gearbox	Slip clutch	Total mass (kg)	Dimensions		Cutting height	
						Length/Width (mm)	Min/Max (mm)		
<b>FIELDMULCHERS™</b>									
F50/150FM	1,5	4	F50	Standard	421	1 700	1 750	0–100	
F50/180FM	1,8	4	F50	Standard	580	2 030	2 070	0–100	
F80/200FM	2,0	4	F80	Standard	720	2 250	2 350	0–130	
<b>SIDE DISCHARGE MULCHERS</b>									
F80/150SD	+	1,5	6	F80	Standard	612	1 780	1 905	10–130
F80/180SD		1,8	6	F80	Standard	680	2 020	2 150	10–130
F80/150SD with paddle blades +		1,5	6	F80	Standard	615	1 780	1 905	10–130
F80/180SD with paddle blades		1,8	6	F80	Standard	683	2 020	2 150	10–130

## BLADES

Three different blade types (including combinations thereof) may be fitted to the Side Discharge Mulcher, each providing a specific contribution to the desired result.



### MULCHING BLADES

For general cutting, effective mulching and mild discharge rates.



### SHREDDING BLADES

Hook-shaped blades with the capability to shred heavy, solid materials.



### PADDLE BLADES

These blades only provide added draught and higher rates of material discharge.

## DID YOU KNOW?

Falcon Mulchers have a fully enclosed mulching chamber with special blades that cut and recut the grass or prunings, creating a moisture retaining mulch.

## FIELDMULCHER™

**ENCOURAGES QUICK RE-GROWTH BY CUTTING, MULCHING AND SPREADING IN ONE OPERATION**



**USE:** The key to better re-growth is a programme of regular pasture topping with a Falcon Fieldmulcher™. For use with tractors rated between 45 and 80 kW.

### BENEFITS

■ This specialised rotary cutter cuts the grass, mulches and spreads it evenly over the cutting width, encouraging quick re-growth ■ The Fieldmulcher™ is also used to cut ryegrass for winter feed when the kikuyu grass growth has slowed down

## SIDE DISCHARGE MULCHER

**LEAVES A CLEAN ROW BETWEEN TREES. IDEAL FOR ORCHARDS AS IT MULCHES MATERIAL AND PLACES IT UNDER THE TREES**



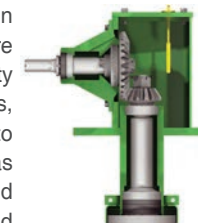
**USE:** The Falcon Side Discharge Mulcher is the ideal implement for turning those unwanted prunings into an organic fertiliser in the form of mulch ■ The machine mulches the material and throws it out to the side, back under the trees, leaving a clean row between the trees, and a mulch blanket under the trees. For use with tractors rated between 45 and 80 kW.

### BENEFITS

■ The Falcon Side Discharge Mulcher is not limited to being only used in orchards, it can also be used for general slashing purposes ■ The Falcon Side Discharge Mulcher comes with a chute cover so that the branches slide gently over the cover instead of hitting the chute directly, thereby eliminating branch damage ■ The cover can be removed if preferred ■ There is also a chute offset feature which allows the chute to be set back by 100 mm making the machine narrower and therefore allowing it to cut in narrow orchards or vineyard rows without causing damage to the fruit ■ The chute is adjustable so that it can be set to discharge material at the required distance.

## GEARBOXES

One of the secrets of the success of the Falcon rotary cutters is that the F50, F60 and F80 series are fitted with locally manufactured Falcon heavy-duty and extra heavy-duty gearboxes. These gearboxes, entirely constructed by Falcon, have proved to have a long, trouble-free life in any operation, as they are specifically designed both to withstand the extraordinary working conditions encountered in Africa and to absorb the higher power being produced by the new-generation tractors coming into the market. The F50 and F80 have a warranty period of three years and the F60 for two years against faulty manufacture, and because they are locally manufactured these parts are also easily and quickly available.



Falcon gearbox

## CONSTRUCTION

Falcon rotary cutters are manufactured from top-quality steel plate suitably reinforced with angle and channel iron which is stitchwelded to reduce distortions and stress fractures. We make use of 45 degree gusseted bends to ensure maximum strength.



Spray painting

### METAL TREATMENT AND PAINTING

All Falcon manufactured parts are subjected to a five-tank acid bath cleaning and phosphate treatment process. The primer paint coat is then applied by complete immersion in a paint tank, which allows the paint to reach all closed sections, recesses and behind all gussets.

## DRIVE SHAFTS

All implements are supplied with appropriate, fully guarded PTO shafts. Torque-limiting slip clutches are supplied where specified. Optional over-run or freewheel clutches can be supplied if required.



PTO shaft and slip clutch

## INDUSTRY-LEADING WARRANTY

While the industry standard for warranties on implements is one year, as a specialist manufacturer of rotary cutters with a production and sales track record of more than 30 years we are so confident in the reliability of our implements and their ability to do the job that we have extended the warranty period on many of our implements to two or three years. Warranty periods and terms and conditions are stipulated in the operator's manuals concerned.