

## 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 reduced 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 and 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 a warranty on implements is one year, as a specialist manufacturer of rotary cutters with more than thirty years in the production of Falcon Slashers and Haymakers®, we are so confident in their reliability and their ability to do the job at hand that we have extended the warranty to offer a two-year warranty on the implement, excluding wearing parts, and a two- or three-year warranty on the gearbox.



## THE FALCON RANGE OF IMPLEMENTS



**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

### OUR VALUES

Honesty  
 Trust  
 Respect  
 Integrity

### LOCAL

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

## FALCON AGRICULTURAL EQUIPMENT (PTY) LTD

Falcon Agricultural Equipment (Pty) Ltd is an owner-managed business and 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.



## MOWERS



BLOWERMOWER™



ROLLERMOWERS



GRASSMULCHERS™



ROTAGANG®



TURFPRO FINISHING MOWER

**TOUGH RELIABLE DURABLE**

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## RANGE OF MOWERS

Model	Width of cut (m)	Blades	Gearbox	Slip clutch	Total mass (kg)	Dimensions		Cutting height
						Length/Width (mm)	Min/Max (mm)	
<b>ROLLERMOWER</b>								
<b>Light-duty</b>								
F25/90RM	0,9	3	F25	Optional	185	1 330	1 100	0/100
F25/120RM	1,2	4	F25	Optional	238	1 580	1 380	0/100
<b>Medium-duty</b>								
F40/120RM	1,2	4	F40	Standard	345	1 600	1 370	0/100
F40/150RM	1,5	4	F40	Standard	472	1 730	1 950	0/100
<b>Heavy-duty</b>								
F50/150RM	1,5	4	F50	Standard	493	1 730	1 950	0/100
F50/180RM	1,8	4	F50	Standard	595	2 370	2 060	0/100
<b>GRASSMULCHER™</b>								
<b>Light-duty</b>								
F25/120GM	1,2	4	F25	Optional	309	1 700	1 420	10/100
<b>Medium-duty</b>								
F40/150GM	1,5	4	F40	Standard	475	1 950	1 710	10/100
<b>Heavy-duty</b>								
F50/180GM	1,8	4	F50	Standard	650	2 370	2 030	10/100
<b>BLOWERMOWER™</b>								
<b>Light-duty</b>								
F25/90BM with grass bag frame	0,9	4	F25	Optional	217	1 490	1 040	0/100
F25/90BM without grass bag frame	0,9	4	F25	Optional	197	1 490	1 040	0/100
<b>Medium-duty</b>								
F40/120BM with grass bag frame	1,2	4	F40	Optional	359	1 660	1 410	0/100
F40/120BM without grass bag frame	1,2	4	F40	Optional	338	1 660	1 410	0/100
F40/150BM with grass bag frame	1,5	4	F40	Optional	471	1 950	1 710	0/100
F40/150BM without grass bag frame	1,5	4	F40	Optional	451	1 950	1 710	0/100
<b>Heavy-duty</b>								
F50/150BM with grass bag frame	1,5	4	F50	Standard	560	1 950	1 710	0/100
F50/150BM without grass bag frame	1,5	4	F50	Standard	540	1 950	1 710	0/100
<b>SPECIALISED MOWERS</b>								
Rotagang®	1,75	12	F25	Excludes	421	2 560	2 050	10/50
TurfPro Finishing Mower	2,1	12	F210	Excludes	470	1 560	2 245	0/60

## MOWERS

Falcon mowers safely produce a perfect finish. There are models for a variety of operations, with cutting widths ranging from 0,9 to 1,8 m and cutting heights between 0 and 100 mm.

The choice of implement should be based not only on the quality of cut but also on the ease of maintenance and simplicity of operation and the knowledge that the implement will serve you well for many years, since good turf management will require its regular use.

### FALCON ROLLERMOWER

**DELIVERS A NEAT, EVEN CUT. SAFE, AFFORDABLE AND DURABLE.**



**USE:** All turf areas from lawns to polo fields with tractors rated between 10 and 60 kW.

#### BENEFITS

- Low cost
- Neat, even cut
- Safe
- Cutting up to boundary fences
- Adjustable cutting height
- Available in a range of working widths

### FALCON GRASSMULCHER™

**LEAVES AN EVEN MULCH OF FINELY CUT MATERIAL, ELIMINATING THE NEED FOR COLLECTION.**



**USE:** One-pass maintenance of sports grounds with tractors rated between 15 and 60 kW.

#### BENEFITS

- Excellent finish with no collection of material required
- Safe
- Cut grass is recycled and recut, leaving a mulch spread the full width of the implement
- Adjustable cutting height
- Available in a range of working widths

### FALCON BLOWERMOWER™

**CUTS AND COLLECTS IN ONE OPERATION. CUTTINGS ARE COLLECTED IN A REUSABLE BAG. ULTRA-SAFE.**



**USE:** All turf areas from lawns to sports fields with tractors rated between 10 and 60 kW.

#### BENEFITS

- Very safe to use in public areas, as the cutting gear is completely enclosed
- Cut material can be collected in strong reusable bags
- Adjustable cutting height
- Available in a range of working widths
- Comes with or without grass bag frame

**The simple advantage of mowing grass regularly is that it increases the quality of the turf.**

### CREATING A “WEMBLEY” EFFECT

Creating a “Wembley” effect after mowing is also an advantage with regard to the aesthetics of sports fields, golf courses or parks. This effect is achieved by the rollers pushing the grass first in one direction and then in the opposite direction during cutting.

The Falcon Roller mower, Grassmulcher™ and Blowermower™ all run on full-width rollers with domed end caps so that the rotary cutter achieves a “Wembley” finish, without any damage to the turf. The domed caps also make it possible for the operator to turn corners without lifting the mower.



## SPECIALISED MOWERS

The Falcon family of precision turf implements enables users to achieve extremely high quality finishes on a variety of surfaces under turf. These specialised mowers cut and disperse material in a controlled and safe manner. These attributes make this family of implements a popular choice on sports fields, golf courses and other amenities.

### FALCON ROTAGANG®

**CLOSE CUT FOR LARGE AREAS WITH UNDULATING TERRAIN WITH NO SCALPING**



**USE:** Close cutting without scalping: cutting and trimming fairways, sports fields, parks and housing estates, and can cut matted and seeded grasses with tractors rated between 25 and 40 kW.

#### BENEFITS

- Cutting efficiency is consistent over undulations
- Skid runners and anti-scalping rollers attached to each gang to provide increased protection to the turf as well as improve the implement's ability to follow the ground contours
- Strong yet light, improving fuel efficiency
- Lifting frame comes standard for transporting the implement between work areas
- Low maintenance
- Adjustable cutting height
- Cutting width of 1,75 m
- Each rotor is mounted independently so that each gang can travel on its own plane

### FALCON TURFPRO FINISHING MOWER

**HIGH-QUALITY FINISH FOR HIGH QUALITY TURF AREAS**



**USE:** Sports fields, golf courses and areas under high-quality turf with tractors rated between 35 and 50 kW.

#### BENEFITS

- High-quality finish and cut
- Low maintenance
- Reliable
- Safe
- Quick and easy adjustable cutting height
- Available in a working width of 2,1 m