All Falcon equipment is locally manufactured in Howick and is designed to be simple, safe and serviceable, offering excellent value for money. It is robust, with the simplicity of design and the low number of wearing parts ensuring that maintenance costs are minimal. Our equipment is built to last and is capable of coping with tough South African conditions. Excellent customer service is part of the Falcon promise, and the ongoing innovation at Falcon is based on our assessment of customers' changing requirements.

Product Groups and Products

Slashers

Light Duty
Medium Duty
Heavy Duty
Extra Heavy Duty

Haymaking Equipment

Haymakers®
Bale Handling Equipment
Uniloaders™

Spreaders

Rotorspreaders Limespreaders

Ground Engaging Equipment

Rotavators (and Bedformers) Ploughs

Mowers

BlowermowersTM
GrassmulchersTM
Rollermowers
RotagangsTM

Mulchers

Fieldmulchers[™] Side Discharge Mulchers

Imported Product Range

Falcon Agricultural Equipment imports and distributes the following range of products:

Slashers

Woods Batwing BW1800 4.5m Woods Batwing BW3240 6m

Mowers

Votex Flail Mower Votex Reach Mower

Spreaders

Amazone

Shredders

Votex Shredde



Tel: +27 (0)33 330 4764 Fax: +27 (0)33 330 2120

E-mail: info@falconequipment.co.za www.falconequipment.co.za

Haymaker® Range

Model	Width of Cut (m)	Blades	Gearbox	Slip Clutch	Total Mass (kg)	Dimensions Length/ Width (mm)		Cutting Height Min/Max (mm)
F40/120V	1.2	4	1 050	STD	345	1 480	1 420	10/140
F80/150V	1.5	2	F80V	STD	513	1 830	1 730	40/155
F80/150EV	1.5	2	F80V	STD	557	1 830	2 050	40/155
F80/180V	1.8	2	F80V	STD	553	1 960	2 040	40/155
F80/180EV	1.8	2	F80V	STD	610	1 960	2 350	40/155
F80/200V	2.0	2	F80V	STD	656	2 250	2 260	40/155
F80/350V	3.5	4	F80V	STD	1 298	2 250	3 750	40/140



HAYMAKERS®

The Falcon Haymaker® is the most popular hay-cutting machine in the country. This rotary cutter is quick, efficient and trouble free. The different models have cutting widths ranging from 1,2 m to 3,5 m. The specially designed high-clearance bodywork, deflector and long-shaft gearbox create space under the deck to allow for a free flow of material and prevent double chopping, while the tunnel and fingers create a well-formed, quick-drying windrow. This is the ideal machine for quality haymaking!



FALCON HAYMAKERS®



F40/120V Haymaker®

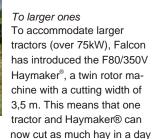
For smaller farms ...
The F40/120V Haymaker® is a multipurpose rotary cutter for smaller tractors (35 kW to 50 kW). This machine can successfully cut hay and also tackle all the other cut-ting jobs around the farm. The unit has a cutting width of 1,2 metres. It has been

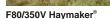
successfully tested in various hay crops, including lucerne. The F40/120V Haymaker® has a round, low-impact blade disc that can be fitted with either two or four free-swinging blades. Two blades are more efficient for hay-cutting because they produce a crop that is cut only once. For general slashing and pasture topping, four blades are more effective.



F80/180EV Haymaker®

To intermediate ...
The intermediate range of
Haymakers®, for tractors
between 48 kW and 80 kW,
have cutting widths of 1,5 m,
1,8 m and 2,0 m respectively.
This range has by far the
largest share of the
haymaking mar-ket, with
more than 7 500 machines
having been sold
countrywide.





as would previously have re-quired two tractor/Haymaker® units, resulting in significant savings in the cost of fuel and labour.



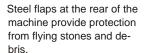
FALCON CONSTRUCTION

Falcon Haymakers® are manufactured from top-quality steel plate suitably reinforced with angle and channel iron which is stitchwelded to reduce distortion and stress fractures. 45 degree gusseted bends are used to ensure maximum strength.

The side panels can be raised or lowered to adjust the cutting height according to the required finish. The heads of the bolts securing the panels are countersunk into hexagonal recesses, so that only one spanner is required for height adjustment. The side

panels run on steel runners.

The topmast, which connects to the tractor top-link, is mounted on bushes, bolted on to the implement, and then further connected to the rear of the implement with high-tension chains. This flexible linkage allows the rotary cutter to follow the ground contours. The lower linkage points are of the clevis type, with loose pins, on the machines of 1,5 m and wider. The smaller machines have fixed-pin type





5 Stage Cleaning Process

Safety Flaps

Bending Hull to 45 Degrees



Spraypainting

Metal Treatment and Painting

lower hitch points.

All Falcon machine 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. All open seams are then sealed with a special sealant to protect the equipment against moisture, before the final enamel

colour coat is applied. All fasteners, chains, shackles and pins are electroplated to quard against corrosion.



Cutting Assembly



PTO Shaft & Slip Clutch



Falcon Gearbox

The Falcon Cutting Assembly

Falcon Haymakers® are fitted with tempered springsteel blade beams and two blades swinging on hardened bushes secured by special blade bolts.

Unless otherwise specified, the blades are the patented 8 mm banana design blades to ensure clean cutting and a long life.

Drive Shafts

All machines are supplied with appropriate, fully guarded PTO shafts. Torquelimiting slip clutches are supplied where specified. Optional overrun or freewheel clutches can be supplied if required.

The Falcon Gearbox

One of the secrets of the success of the Falcon Haymaker® is that the F80Vs are fitted with the locally manufactured Falcon extra heavy-duty gearbox.

The Falcon gearbox, which is entirely manufactured by Falcon, has proved to have a long, trouble-free life in all operations. It is specifically designed to with-stand the extraordinary working conditions encountered in Africa, as well as to absorb the greater power produced by the new generation tractors coming into the market. The gearbox is guaranteed for two years against faulty manufacture. The use of the long-shaft version of the gearbox in the Falcon Haymaker® has shown time and again that when a machine is used in production jobs such as cutting hay day in and day out, this design is the only way to go.