



SLASHERS

This Falcon Slasher is quick, efficient and trouble-free with different models having cutting widths from 0,9 m to 2 m to meet the varying cutting and slashing requirements. The tried and tested cutting gear ensures a clean cut in all conditions.



Range of Slashers

Model	Width of Cut (m)	Blades	Gearbox	Slip Clutch	Total Mass (kg)	Dimensions Length/ Width (mm)		Cutting Height Min/Max (mm)
Light Duty								
F25/90	0.9	3	1030	OPT	165	1260	1120	10/100
F25/120	1.2	4	1030	OPT	224	1420	1410	10/100
Medium Duty								
F40/120	1.2	4	1050	STD	307	1500	1420	10/100
F40/150	1.5	4	1050	STD	413	1710	1750	10/100
Heavy Duty								
F50/120	1.2	4	F50	STD	314	1500	1420	10/100
F50/150	1.5	2	F50	STD	408	1710	1750	10/140
F50/150/4	1.5	4	F50	STD	437	1710	1750	10/140
F50/180	1.8	2	F50	STD	504	2060	2060	10/140
F50/180/4	1.8	4	F50	STD	533	2060	2060	10/140
F50/150RG	1.5	4	F50	STD	412	1710	1710	10/140
F50/180RG	1.8	4	F50	STD	508	2010	2050	10/140
Extra Heavy Duty								
F80/150	1.5	2	F80	STD	458	1830	1720	10/100
F80/150/4	1.5	4	F80	STD	486	1830	1720	10/140
F80/180	1.8	2	F80	STD	513	1900	2040	10/100
F80/180/4	1.8	4	F80	STD	559	1900	2040	10/140
F80/200	2.0	2	F80	STD	592	2250	2260	10/100
F80/200/4	2.0	4	F80	STD	644	2250	2260	10/140

FALCON SLASHERS



F25/90 Slasher

A **light duty slasher** is for all grass-cutting and light slashing operations, with the two models having cutting widths of 0,9 m and 1,2 m respectively. These machines have a light but strong construction to suit the smaller tractor. Grass-cutting and light slashing in the garden or plot are a pleasure rather than a chore.



F40/120 Slasher

A **medium duty slasher** is for general grass cutting and slashing work using a medium-size tractor with the two models having cutting widths of 1,2 m and 1,5 m respectively. The offset hitch is standard on both models and permits cutting up to a boundary fence.



F50/150/4 Slasher

A **heavy duty slasher** is for all grass-cutting and slashing operations, with different models having cutting widths from 1,2 m to 1,8 m. They are fitted with a locally manufactured F50 series gearbox. The offset hitch is standard on all models and permits cutting up to a boundary fence.



F80/200/4 Slasher

An **extra heavy duty slasher** is for all grass-cutting, bush-clearing and heavy slashing operations, with the different models having cutting width from 1,5 m to 2 m. They are fitted with an F80 series, locally manufactured gearboxes. This slasher is engineered to tackle the toughest terrains.

FALCON CONSTRUCTION

Falcon Slashers are manufactured from top-quality plate suitably reinforced with angle and channel iron which is stitch-welded to reduce distortions and stress fractures. We make use of 45 degree gusseted bends 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 panel are countersunk into hexagonal recesses, so that only one spanner is required for height adjustments. The side panels run on steel runners.



Bending Hull to 45 degrees



Safety Flaps



5 Stage Cleaning Process



Spraypainting

The topmast, which connects to the tractor top-link, is mounted on bushes and connected to the rear of the machine by HT 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 lower hitch-points.

Steel flaps at the rear of the machine provide protection from flying stones and debris. We can supply additional rubber skirts at the front or chain curtains front and rear as optional extras.

Metal Treatment and Painting

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 from moisture, before the final enamel

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



Cutting Assembly

The Falcon Cutting Assembly

Falcon Slashers are fitted with round, low-impact blade discs with four blades swinging on special stepped blade bolts. This system allows the blade to swing 360 degrees if it encounters an obstruction. Alternatively the machines are, where specified, fitted with tempered spring steel blade beams and two blades swinging on hardened bushes secured by special blade bolts.

Unless otherwise specified, the blades will be the patented 'Banana' design to ensure clean cutting and long life.



PTO Shaft & Slip Clutch

Drive Shafts

All machines 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.



Falcon Gearbox

The Falcon Gearbox

One of the secrets of the success of the Falcon rotary cutters is that the F50 and F80 series are fitted with the locally manufactured Falcon heavy duty and extra heavy duty gearboxes.

Entirely constructed by Falcon and designed to withstand the extraordinary

working conditions encountered in Africa, the Falcon gearbox has proved to have a long, trouble-free life in any operation and has been designed to absorb the higher power being produced by the new-generation tractors coming onto the market. The gearbox is guaranteed for two years against faulty manufacture.

Falcon Slashers, fitted with the extra heavy duty gearbox, are the accepted standard for the toughest jobs such as bush-clearing and creating firebreaks through the heavy undergrowth.

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 the maintenance costs are minimal. Innovation is an ongoing pursuit at Falcon and is based on our assessment of the customers' changing requirements. Excellent customer service is also part of the Falcon promise. Our equipment is built to last and is capable of coping with tough South African conditions.

Product Groups & Products

Slashers

Light Duty
Medium Duty
Heavy Duty
Extra Heavy Duty

Haymaking Equipment

Haymakers®
Bale Handling Equipment
Falcon Unloaders™

Spreaders

Rotorspreaders
Limespreaders

Ground Engaging Equipment

Rotavators (& Bedformers)
Ploughs

Mowers

Blowermowers™
Grassmulchers™
Rollermowers
Rotagangs™

Mulchers

Fieldmulchers™
Side Discharge Mulchers

Imported Product Range

Falcon Agricultural Equipment distributes the following range of imported products:

Slashers

Woods Batwing BW1800 4.5m
Woods Batwing BW3240 6m

Mowers

Votex Flail Mower
Votex Reach Mower

Spreaders

Amazone

Shredders

Votex Shredder



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