

HARVESTING

Forage Harvester 343

The forage harvester model 343 is a high performance tractor mounted machine. Advanced features and benefits ensure that the 343 is ideal for farmers and especially contractors looking for a reliable heavy duty solution to making forage in a professional way. It is designed for tractors from 50 to 100HP. Big output; minimum power absorption; greater reliability; easy and reduced maintenance make the 343 the best answer for the serious farmer. The Feraboli 343 is offered as a unique modular machine with optional heads which are easily and quickly interchanged. Options to be added to the base machine are either a 1 row maize crop head with chains; or grass pick-up head of 1,40 meter. The main hinge folding cross bar ensures that overall dimensions are reduced during transport, thereby increasing safety and reducing maintenance. The discharge spout is hydraulically rotated and this is standard on the 343.



TECHNICAL DATA

Cutterhead	dia. 550 mm. with 8 tungsten coated knives
Counterknife	with tungsten facing (2 cutting edges)
Knife grinder	linear
Tractor power requirement	50 to 100 HP
P.T.O. speed	540 r.p.m.

SILAGE CUTTING LENGTHS

Knives number	Gear Z=11*	Gear Z=14	Gear Z=19*	Gear Z=23*	Gear Z=28*
8	4 mm*	6 mm	8 mm*	10 mm*	12 mm*
4	-	12 mm	16 mm*	20 mm*	24 mm*
2	-	-	32 mm*	40 mm*	48 mm*

* cutting lengths requiring optional sizes

ACCESSORIES ON REQUEST

- Kernel breaker
- Kit to adjust knives
- Horizontal extension for discharge spout
- Vertical extension for discharge spout
- Interchangeable gears to change rotor speed and cutting lengths
- Kit for tilting (folding down) discharge spout with shock absorber

HARVESTING ATTACHMENTS

- 1-row crop head with chains
- Pick-up 1.40 m.



Road transport with folding cross bar



Pick-up with feeding auger

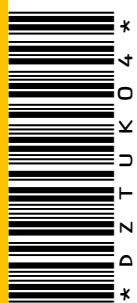


Details of safety guards

Forage
Harvesters
343
946
976

Reliability and Performance
Feraboli

TOTAL
QUALITY



www.feraboli.com

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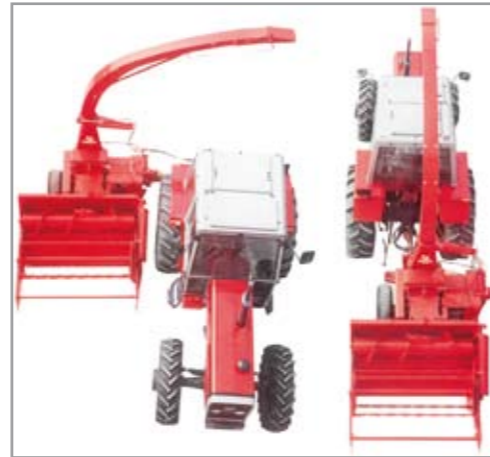
Forage Harvester 946 - 976



Convenient dual position operation

The forage harvester model 946 and 976 are versatile machines which are able to work semi-mounted on the side of, or behind the tractor. Driving in reverse with the harvester in-line is used for opening out new fields and dividing large fields into more manageable areas. Feraboli forage harvesters are unique in that they are the only forage harvester range that can interchange heads quickly and easily. Options to be added to the base machine are:

- Model 21 - 2 row maize crop head for the 946
- 3 row maize crop head for the 976
- Model 61 - Cutter bar of 2.20 meter for the 946 and 976
- Model 50 - Grass pick-up head 1.65 meter for 946 and 976



Forage harvester with cutter bar

The model 61 with cutter bar has a reel and auger for cutting, chopping, and discharging of grass, legumes, barley, wheat, lucern, etc



FH 976 with pick-up of 1.65 m



Side mounted and reversible



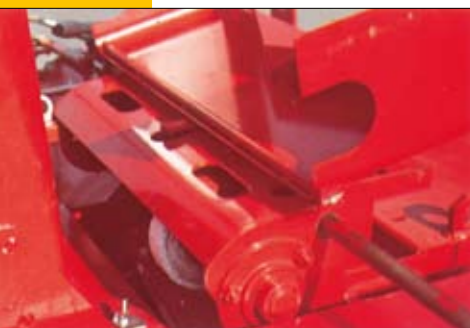
FH 976 with cutterbar of 2.20 m

TECHNICAL DATA	946	976
Cutting cylinder	Rotor Ø 500 mm, width 450 mm - 8 Knives	Rotor Ø 500 mm - 8 Knives (on request 12 Knives)
Counter knife	with tungsten facing (2 cutting edges)	with tungsten coating (2 cutting edges)
Knife sharpener	patented rotating grind stone for perfect knife sharpening	patented rotating grind stone for perfect knife sharpening
Gathering elements	4 feeder rollers with compression springs	4 feeder rollers with compression springs
Reversing mechanism	for overload protection by remote control from tractor cab	for overload protection by remote control from tractor cab
Adjustment of cutting length	by changing gears	by changing gears
Length of cut	from 3 to 48 mm	from 3 to 48 mm
Tractor power requirements	65 to 100 HP	110 to 160 HP
P.T.O. speed	Standard 540 r.p.m. (1.000 r.p.m.; on request)	1000 r.p.m.
Optional heads available	2 row maize head - Grass pick-up 1,65 m - cutter bar with reel of 1,85	3 row maize head - Grass pick-up 1,65 m - cutter bar with reel of 2,20 m
Optional equipment and accessories (on request)	Concave kernel breaker, interchangeable gears, vertical spout extension	Concave kernel breaker, interchangeable gears, vertical spout extension
Remote controlled hydraulic system	one single acting with manual shut-off valve, one double acting with open circuit system	one single acting with manual shut-off valve, one double acting with open circuit system

Silage cutting lengths 946

n. of knives	gear size Z 11	gear size Z 15	gear size Z 21	gear size Z 30	gear size Z 17*	gear size Z 35*
8	3 mm	4 mm	5,5 mm	9 mm	4,5 mm*	12 mm*
4	6 mm	8 mm	11 mm	18 mm	9 mm*	24 mm*
2	12 mm	16 mm	22 mm	36 mm	18 mm*	48 mm*

* Cutting lengths requiring optional gear sizes



Patented knife sharpening system with rotating grind stone for efficient, fast and simple operation



Remote control for spout and deflector and for overload protection.



Hydraulic lift cylinder for wheel height adjustment



Forage Harvester Model 946 with pick-up model 50 with auger for chopping green silage which has already been cut and windrowed



Articulated joint to change from reverse to forward drive side-mounted position and vice versa



Forage harvester 946 with 2 row maize head Model 21 for chopping complete maize plants, planted at 60 to 80 cm row spacing



Patented hydraulic re-positioning system from rear to side of tractor mounting