

UNO
RAKE



This trailed version of the single-rotor rake is dedicated for small farms and less powerful tractors. It is a proven solution with simple hitching and large adjustment range. UNO rakes are an optimal choice that delivers both performance and desired outcomes.

Machine
category

- single-rotor
- trailed rakes

Model
name

- UNO 410
- UNO 440
- UNO 470

Working
width

- 4,10 m / 13'5"
- 4,40 m / 14'5"
- 4,70 m / 15'5"

See the mower
at work



UNO



Hitching system

The single-point hitch enables quick connection to the tractor with just a pin. Using the adjustable support leg, you can easily align the height of the hitch and the tractor's drawbar.

The conveniently adjustable hydraulic cylinder ensures stability during transport and helps the rake to closely follow the terrain when raking.



Lift cylinder

UNO rakes feature a patented raking height adjustment system. This coupled hydraulic and mechanical system ensures that the machine is accurately positioned for the task at hand. During headland turns and during transport, the rotors are lifted to provide high ground clearance. This prevents the tines from catching any undesirable objects and ensures safe travel on roads.



Gearbox

The oil-filled gearbox of the rotor (UNO-410 and UNO-440) is quiet, durable, and low-maintenance.

In models UNO-440 and UNO-470, the tine arm connecting rods are replaceable, which significantly simplifies the repair process as there is no need for labor-intensive disassembly of the entire gearbox.

Gearbox oil level can be quickly checked through the convenient inspection window (excluding UNO-470).

UNO-470 has a dry gearbox.



Tines

The tine arms have four pairs of durable spring-loaded tines. They feature an improved shape, which helps pick up the crop and move it into place on the windrow with greater precision.

In addition, the outmost spring-loaded tine is protected against being dropped and lost in case it gets damaged mid-work.



Tine arm mounting

The tine arms are easily and quickly attached with two pins.

The hay rake frame has holders for storing the tine arms, which means they are safely secured in place during transport.



Tandem chassis

The tandem axle helps with even distribution of the machine’s weight across the ground. This type of chassis is also perfect for accurate ground following. It comes as standard in all UNO rakes.

The working wheels are also used as transport wheels, and their dual version is available as an option.



Ground following wheel

The adjustable ground following wheel in front of the rotor ensures stable turning and makes it easier to work on slopes.



Swath curtain

The foldable swath curtain has several height and tilt settings, allowing you to adjust the width and shape of the windrow.

It has additional reinforcing elements, which means it can handle large amounts of forage.



		UNO 410	UNO 440	UNO 470
Working width	[m / ft]	4,10 / 13'5"	4,40 / 14'5"	4,70 / 15'5"
Windrow width	[m / ft]	0,80–1,50 2'7" - 4'11"	0,80–1,50 2'7" - 4'11"	0,80–1,50 2'7" - 4'11"
Transport width	[m / ft]	3,30 / 10'10"	3,60 / 11'8"	3,80 / 12'8"
Transport width without arms	[m / ft]	1,80	2,35	2,35
Necessary hydraulic couplers		1 x single acting		
Working capacity	[ha/h ac/h]	~4,50 / 11,00	~5,00 / 13,00	~5,60 / 13'8"
Number of arms	[pcs.]	11	11	13
Rotor diameter with arms	[m / ft]	3,30 / 10'10"	3,60 / 11'8"	3,80 / 12'8"
Number of tines	[pcs.]	4	4	4
RPM		540	540	540
Recommended RPM		350:450	350:450	350:450
3-point hitch cat.		drawbar	drawbar	drawbar
Power demand	[HP]	from 35	from 40	from 45
Tires (with inner tubes)		16 × 6,5–8	16 × 6,5–8	18 × 8,5–8
Weight	[kg / lbs]	755 / 1 665	860 / 1 895	905 / 1 995
PTO shaft		tractor - rake: with overload clutch		