

Z2
SERIES RAKE



This is a classic twin-rotor rake, designed for maximum efficiency. It is a versatile and reliable solution which has been tried and tested globally, from the Americas through Europe to Asia. The simple center delivery design offers high performance, is user friendly, and comes with a wide range of accessories as standard.

Machine category	Model name	Working width
<ul style="list-style-type: none">• twin-rotor• trailed rakes• 1 central windrow	<ul style="list-style-type: none">• Z2-780• Z2-840 H	<ul style="list-style-type: none">• 7,20 – 7,60 m / 23'7" - 24'11"• 7,60 – 8,40 m / 24'11" - 27'7"

See the mower at work





Hitching system

With the tilting and pivoting linkage, maneuvering the rake is smooth and effortless. It makes hitching the machine much easier and also improves its ground following ability, which translates into increased raking performance and quality.

KENNFIXX hydraulic handles are included as standard. They make it easier to connect the hay rake's hydraulic couplers to the tractor's valve block. When the machine is disconnected, its hydraulic hoses are secured in dedicated holders to protect the couplings from dirt.



Gearbox

The oil-filled gearbox of the rotor is quiet, durable, and low-maintenance.

In model Z2-840, 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.



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.



Support springs

During headland turns, the raised rotors are kept level with support springs, which prevents damaging the tines and the turf and spoiling the formed windrow.



Pressure relieving springs

The pressure relieving springs can be used to adjust ground pressure of the rotor arms. With correct setting, they help to protect the turf and minimize dirt in the crop.



Steering rod

Driving wheels are connected to the linkage with a steering rod, which forces them to turn so that the rake follows the tractor's path. This makes maneuvering much easier both during field work and road transport.



Hydraulic extend cylinder

Model Z2-780 can be retrofitted with a hydraulic working width adjustment mechanism. The cylinder is steplessly controlled from the tractor to make your work more comfortable. It comes as standard in model Z2-840.

The indicator placed over the cylinder is clearly visible from the cab to easily monitor width adjustments.



Tandem design

The tandem axle with six wheels helps with even weight distribution of the rake's rotors across the ground. It also ensures more accurate ground following.

When working in wet conditions, there is room for additional adjustment by changing the height of the chassis attachment point.



Swath curtain lift mechanism

The swath curtain between the rotors helps to form a clean and even windrow. Such perfectly formed swaths are easier to be later picked up by a baler or a self-loading forage wagon. An additional function of the swath curtain is to stop the crop from spreading when raking with only one of the rotors.

When the rotors are lifted, the swath curtain is also automatically raised. This ensures it is not in the way during headland turns or road transport.



Single rotor lift mechanism

An optional mechanism is available to lock one of the rotors in the raised headland turn position, which enables the operator to avoid an obstacle without changing the direction of travel. The system consists of a selective control valve and a control panel.



		Z2-780	Z2-840 H
Working width	[m / ft]	7,20–7,60 / 23'7" - 24'11"	7,60–8,40
Windrow width	[m / ft]	1,50–2,00	1,20–2,00
Transport width	[m / ft]	3,30	3,65
Transport width without arms	[m / ft]	2,90	3,00
Transport height with / without arms	[m / ft]	3,40 / 4,10	3,75 / 4,35
Necessary hydraulic couplers		1 x single acting	1 x single acting 1 x double acting
Working capacity	[ha/h ac/h]	~8,00 / 20,00	~9,00 / 22,00
Number of arms	[pcs.]	11	11
Number of dismountable arms per rotor for transport	[pcs.]	4	4
Number of tines	[pcs.]	4	4
RPM		540	540
Recommended RPM		300 - 400	350 - 450
3-point hitch cat.		II	
Power demand	[HP]	from 60	from 80
Tires (with inner tubes)		16 × 6,5–8 (under rotors) / 340/55-16 (rear)	16 × 6,5–8 (under rotors) / 340/55-16 (rear)
Weight	[kg / lbs]	2 040 / 4 500	2 420 / 5 335
PTO shaft		tractor - rake: wide-angle, built-in: 1. with overrunning clutch, 2. with overload clutch	
Windrow		central	central