



ROTARY TEDDERS

4 - rotor, 6 - rotor, 8 - rotor

ROTARY RAKES

1 - rotor, 2 - rotor, in-line

BASKET RAKES

5-bars



**39 years
of experience...**

...Clean, thoroughly aerated swath

Farm's capability of producing high quality forage is one of the crucial factors to distinct modern milk and meat production technology.

Access to top quality technical equipment, conforming to high requirements is considered to be a challenge at the designing stage.

To meet these needs, we offer top quality technological solutions, based on 39-year experience in designing agricultural equipment. We will help to achieve your success!

Many have already trusted us. We are passionate about designing machines to meet any farmer's needs!

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Rotary tedders

P4-471, P4-531, P6-651, P6-771, P4-531 C, P6-771 C



General characteristics



Double acting hydraulic cylinder

- synchronous unfolding of the machine even on steep slopes,
- innovative design in P6-651 and P6-771

Mechanical transport lock

Warning plates with road lights

Gearbox

- oil operating gearbox
- low noise operation
- maintenance-free use

Hitch

- swinging for better ground following
- turning for easier manoeuvring

Damping braces

- stabilize the machine during operation

Adjustable driving chassis

- high range spreading angle
- stability on wet fields

Gearbox cover

- prevents grass winding

Tine arm

- round profile extends tine's life
- ideal ground following ensures uniform material spread

Tines

- made of High Dynamic spring wire
- 4 coils for better flexibility
- special tine-mount for greater stability
- 2 approach angles

Tine loss protection

- prevents unexpected loss of tines

Oil-operating gearbox

- cardan joints, with easy access grease points, ensure constant power transfer between the rotors
- low-noise operation
- as part of main frame - decreased total weight of the machine



Rotary tedders

P4-471, P4-531, P6-651, P6-771, P4-531 C, P6-771 C

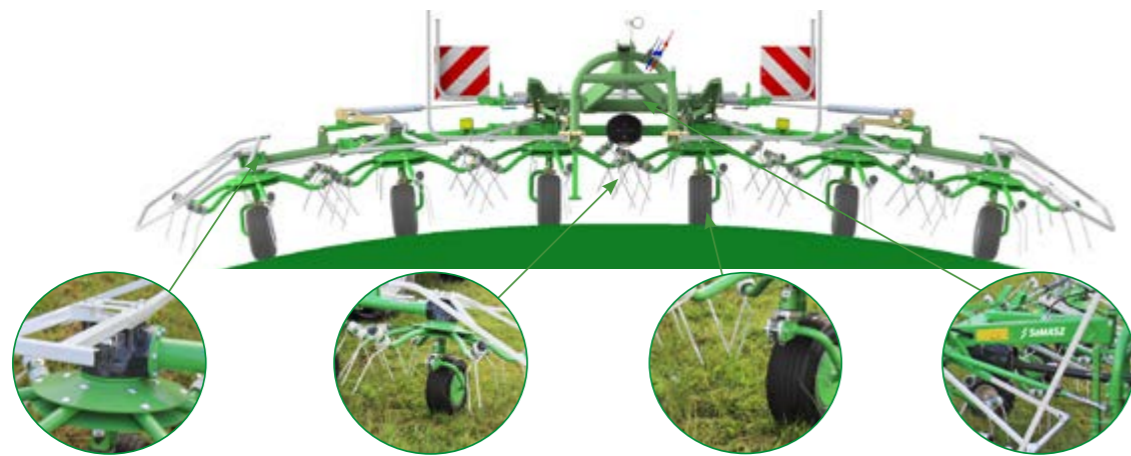


Perfect drying



The range of hay tedders includes eight machine models. Four rotor models are available: P4-471, P4-531, P4-531 C (C-trailed version) and six-rotor models P6-651, P6-771 and P6-771 C. Thanks to their high performance, quality and solid construction, the hay tedders have an established position on the Polish market and are winning foreign markets with great success.

The front support wheel is available as an accessory for even better turf protection. This solution is especially recommended for work on uneven, hilly terrain. A number of solutions that enable to harvest clean forage have been used in SaMASZ hay tedders.



Intersecting gearbox

Solid and hermetic design of all intersecting gearboxes make rotors absolutely maintenance-free. Work in oil-bath with permanent lubrication increases its longevity.

Rotors

Even layout of spread material thanks to perfect tine arms overlapping.

Wheels

Protective guard against winding the crop on the wheels and inner tubes ensure smooth and trouble-free operation.

Suspension

Suspension mechanism enables setting the machine in central position during lifting. Tension of damping braces is an additional support.

Transport

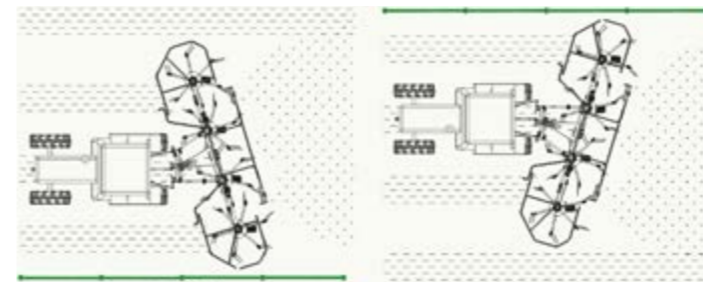
Tedder arms are lifted to transport position by means of hydraulic cylinders.

Once lifted to transport position, the machine is stabilized automatically behind the tractor.



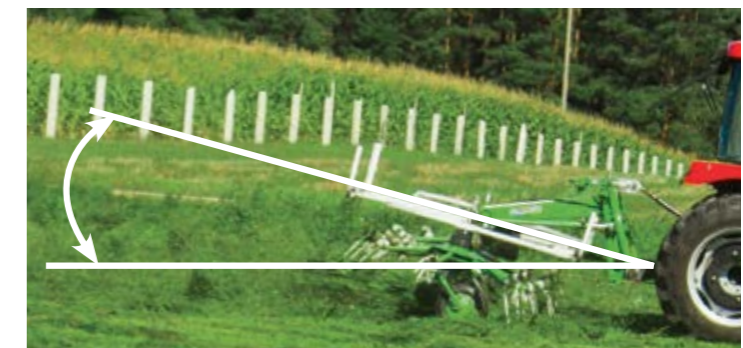
Manufacturer's advice

Close distance between wheels and tines ensures clean swath regardless of the ground unevenness. Thus enables perfect ground following, owing to which the fodder is not soiled. There is a possibility to set the wheel angle, change of which, helps when taking turns on uneven fields. Setting the angle from steep to shallow is easy to carry out, on the brackets that hold the wheel arms (pin and hole system). Better work results when working along boundaries can be achieved by turning the wheels left or right respectively.

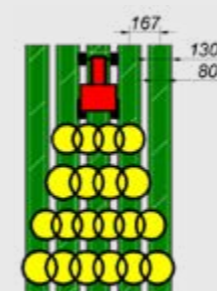


High-range spreading angle

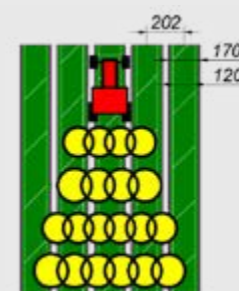
Possibility of tedding the swaths with different thicknesses owing to regulated angle of spread.



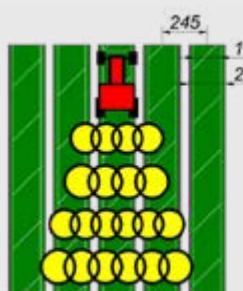
Mower 1,80 m / 5,90 ft



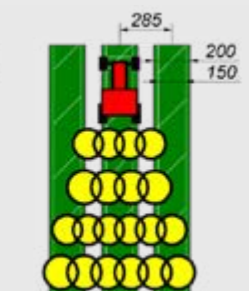
Mower 2,20 m / 7,20 ft



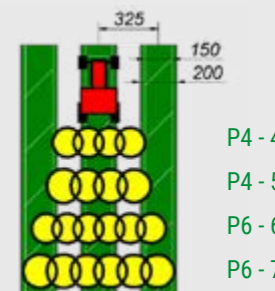
Mower 2,60 m / 8,55 ft



Mower 3,00 m / 9,85 ft



Mower 3,40 m / 11,15 ft



P4-471
P4-531
P6-651
P6-771

Rotary tedders

P8 - 890



The P8 series hay tedders are perfect for medium to large farms and agricultural services companies. The machines guarantee the highest quality of work and excellent performance. The hay tedders ensure an even spread of green matter, which means that the cuttings dry evenly. They perfectly target the ground and effectively pick up the forage between the rotors. They are also suitable for wetlands. Properly designed tines

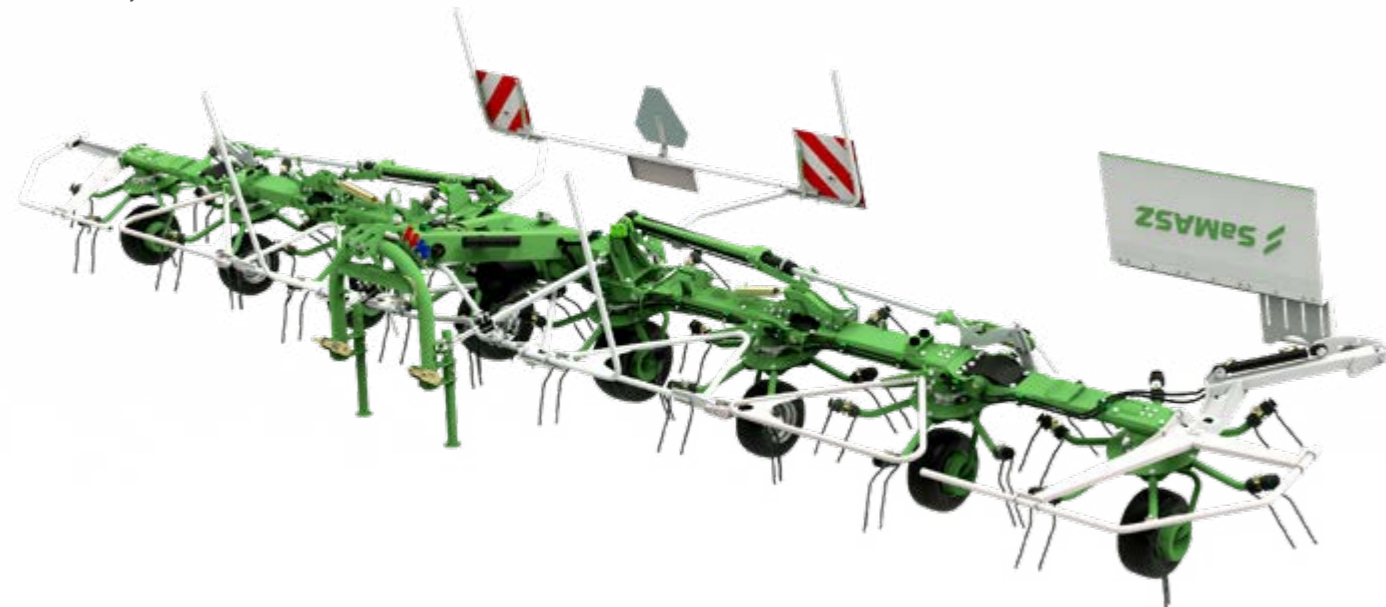
eliminate the risk of sticking into the ground during operation, which ensures that the forage is not dirty and maintains high-quality. The P8 series hay tedders are easy to operate, thanks to bolt couplings that allow the machine to be folded down without having to switch off the PTO shaft.

Standard equipment P8-890:

- solid grease gearbox
- tine loss protection
- hydraulic folding
- adjustable angle of spread
- lifting curtain
- adjustable wheel position allows to work on field boundary
- warning plates
- road lights
- PTO shaft
- KENNFIX hydraulic connector

Additional equipment:

- ground following wheel
- swath curtain
- headland position



SaMASZ

High-quality of tedding



Advantages:

- greater rotor tilt shortens the trajectory and increases the angle of spread so that the forage is turned on the other side to dry
- adjustable traction drive ensures machine stability and a wide range of forage spreads
- sliding and torsional hook, supported by stabilizing shock absorbers, increases the ground targeting range and facilitates manoeuvring
- quiet operation, hermetically sealed lubricating grease gearboxes are maintenance-free and provide excellent protection against grass winding
- the unique design of the protective railings forming the truss provides resistance to impact and contact with obstacles
- hydraulically foldable tarpaulin prevents the forage from being thrown away when working at the edge of the field
- the rotor lift lock at the headlands makes it easier to manoeuvre the machine and ensures that the swath is passed through without destroying its structure



11 - ARM GEARBOX WITH REPLACEABLE CONNECTING RODS

(Z-440, Z2-840, DUO 740 and TANGO 730)

Design:

- working in oil bath, hermetically closed
- constant greasing of rolls and cams
- easy maintenance - only 2 greasing points (for bearings)
- double bearings
- drive transmitted through big bevel wheel



Cam track:

- spheroidal cast iron - very high durability
- small diameter (267 mm / 10 1/2") in combination with high elevation enables quick opening and closing of the arms



Connecting rods:

- solid rods of 40 mm / 1 1/2" diameter
- innovative design enables greasing of the rods also inside the housing
- welded arm
- bearings inside the roll
- rolls with diameter of 35 mm / 1 3/8" and width of 18 mm / 45/64"



Tine arm:

- robust and durable design
- rotor arm: \varnothing 48 mm / 2" of 7 mm / 9/32" wall thickness
- working arm: \varnothing 37 mm / 1 29/64" of 5 mm / 13/64" wall thickness
- quick and easy maintenance - impossible improper mounting



Tines:

- 3 coils of 9,5 mm / 3/8" diameter
- tine loss protection
- high resilience

Single rotor rakes

Z-350, Z-351, Z-410, Z-440, Z-470



Light-weight and simple in maintenance



Rotary rakes Z - series are made for middle and small farms, with working widths from 3,00 m up to 4,70 m (9'10" up to 15'5").

Shock absorbtion

Damping braces, on both sides, as standard equipment in Z - 410, Z - 440 and Z - 470. During lifting and transport, dampers ensure position and stability of the unit.

Oil operating gearbox

- quick connecting rod replacement, allows for easy exchange of faulty part without taking the whole gearbox and machine apart
- low-noise operation
- constant lubrication



Advantages of Z - 410, Z - 440, Z - 470 rakes

SaMASZ rotary rakes are characterized by unique design solutions:

- 1 Gearbox is permanently lubricated, works in oil-bath – high durability.
- 2 Tine arms secured in working arms with two linchpins - picture 1 and 2.
- 3 Height adjustment of working unit regulated in two different ways:
 - with winding handle
 - by changing the wheel axle mounting
 As standard the chassis height is set for -16 cm (6 1/3"). When work is to be done on soft peat fields, the chassis height needs to be increased. Wheel axle must be turned around 180o, this will give additional 5 cm (2") of height from the ground. Wheel axle regulation is important, because it increases durability of gearbox' lower socket.

Headstock

Swinging hitch eases operation on uneven fields and during turns. Front support wheel improves ground following and is available as an optional equipment. (Z - 470 as standard).

Chassis

Not every field is even and smooth, in order to get regular and clean windrow, a perfect ground following system is indispensable. Z-410, Z-440 and Z-470 rakes are equipped with tandem chassis as standard. Z-350, Z-351 can have it on customers request.



Transport

1-rotor rake is easy to transport and when stored occupies small area owing to the removable rake's arms.



Tine arms

Tine arms are easy to dismount and place in its transport pockets. Rised swath curtains reduce transport and storage width.

Trailed single rotor rake

UNO 410, UNO 440, UNO 470



Trailed 1-rotor rakes UNO 410 and UNO 470 are very efficient, especially designed for raking grass, hay or straw. Owing to low power consumption are very economical and also resistant to difficult working conditions. Rake forms a regular, continuous windrow, without grass twists, which allows fast drying and

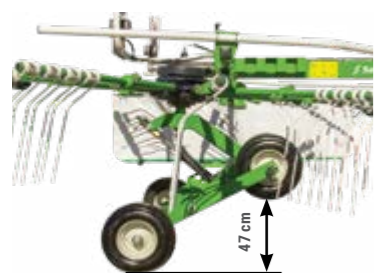
easy pick up with the use of a baler or self-collecting trailer. UNO rakes feature innovative height adjustment mechanism, which also lifts the machine to transport position and allows for ideal working height tune-up.



Advantages:

- tandem steering system
- new tine shape
- height adjustment
- facilitated drive over the swath
- aggregating with smaller tractors is possible

Transport



Thanks to running gear lifting, rotor is rised well above the ground (47 cm / 18 1/2"), and leaves the swath intact. Rake can be driven safely on uneven grounds, without the risk of any damage exposure.



Innovative steering system, based on solutions from DUO rake, facilitates the transport of the machine and provides comfortable transition from working to transport position.

* Recommended rpm during work - 350 - 450 rpm

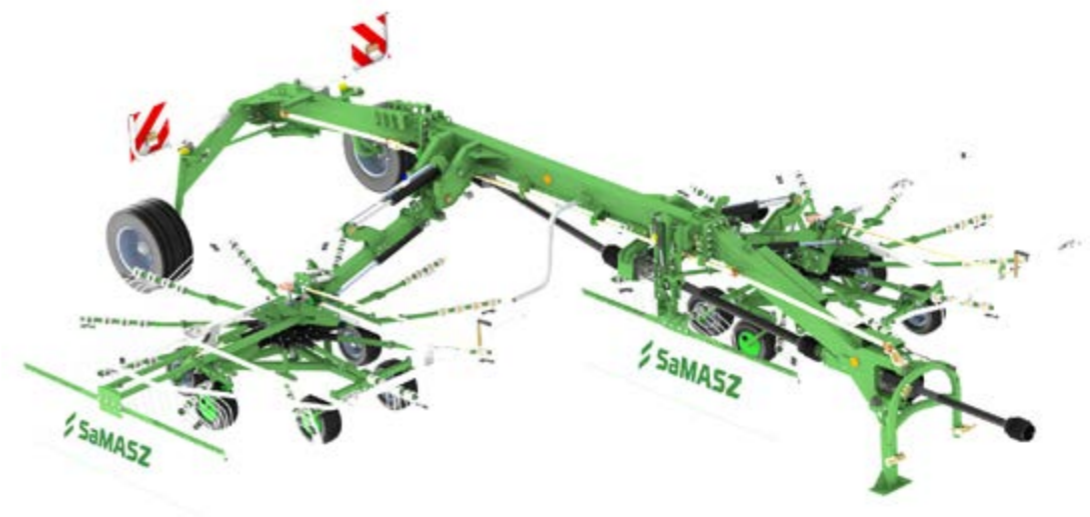
2-rotor rake

TANGO 730 - one or two swath rows



Combines functionality of Z2-780 and DUO 680, making 1 or 2 swath rows. Setting rotors near the central drawbar results in single row delivery, extending them outside makes two rows. New generation, 11-arm gearbox with strenghtened,

connecting-rods has been applied. Additionally, the rake has a patented „gearbox angle changing mechanism”, which provides protection to drive shafts when lifting the machine to transport position.



Transport

TANGO 730 is hydraulically folded-up for the transport, it facilitates driving on public roads. Transport width doesn't exceed 3,00 m / 9'10".

1 or 2 windrows



Rotary rakes 2-rotor

TANGO 730 - one or two swath rows



Height adjustment crank

Used for adjustment of working height.

Gearbox position modification system

The patent pending system eliminates excessive shaft deflection and considerably increases wide-angle joints life.

Headstock

The machine features forced steering for superior tracking around bends. The system consists of a tie rod, which is attached to the two-point headstock.

PTO shaft as standard

Front swath curtain

Useful when making two rows – hydraulically folded away when operating on headland.

Road lights

Provide safe transport on public roads.

Stopper

Stopper limits the carousel lifting height is particularly useful when turning on headland.

Wide wheels

For maximum stability and protection of the ground against excess pressure. Ensure maintaining constant distance between tines and the ground. Allow for performing works efficiently under any ground and weather conditions.

Hydraulic fold-up mechanism

Hydraulic carousel fold-up. Application of tension springs reduces ground pressure.

Gearbox

New gearbox allows for quick and simple connecting-rod replacement.

Tines

The design is developed for even more uniform tedding. Provide efficient and smooth operation even when works are performed on a row formed of heavier plants.



Gearbox used in TANGO 730 rake

Standard equipment:

- hydraulic fold-up
- tine loss protection
- hydraulic swath width adjustment
- 1 or 2 windrow presentation
- swinging hitch
- lifting high stopper
- working height adjustment
- hydraulic swath curtain lifting system - on headlands
- swath curtains
- road lights
- tandem chassis

2 - rotor center delivery rakes

Z2-780, Z2-840 - central windrow presentation

The highest quality forage



Two-rotor rakes features high quality of harvest. Two dimensional ground following mechanism provides cleaner raking. Z 2 - 780 model is able to rake up green fod-

der from 7.2 up to 7.6 m (23'7"-25') Z 2 -840 from 7,6 up to 8,4 m (25' - 27'7").

Wheels

For maximum stability and protection of the ground against excess pressure. Ensure maintaining constant distance between tines and the ground. Allow for performing works efficiently under any ground and weather conditions.



Gearbox

The gear with extended connecting rods to provide longer fault-free operation period. Z2-840 has the gear with bolted connecting rod bodies.



Hydraulic fold-up mechanism

Hydraulic carousel fold-up. Support springs assistance with reduced ground pressure.



Driveshaft

Drive shaft is located inside main frame (SaMASZ patent). Such solution prevents access of water and dirt into the assembly, which significantly extends fault-free operation time.

Headstock

Machine features forced steering for superior tracking around bends. The system consists of a tie rod, which is attached to the headstock.



Stopper

Stopper limits the carousel lifting height is particularly useful when turning on headlands.



Tines

Developed design for even more uniform tedding. Efficient and smooth operation even when working on heavier windrow.



Turning on headland

Thanks to hydraulic rotor lifting mechanism and rotor high stopper, turning on headland leaves the swath intact.

Transport

Rake carousels are hydraulically lifted to transport position, main frame is strong and durable Its enables to drive on public roads. Working width does not exceed 2,9 m / 9'6".



Lightweight and easy to use



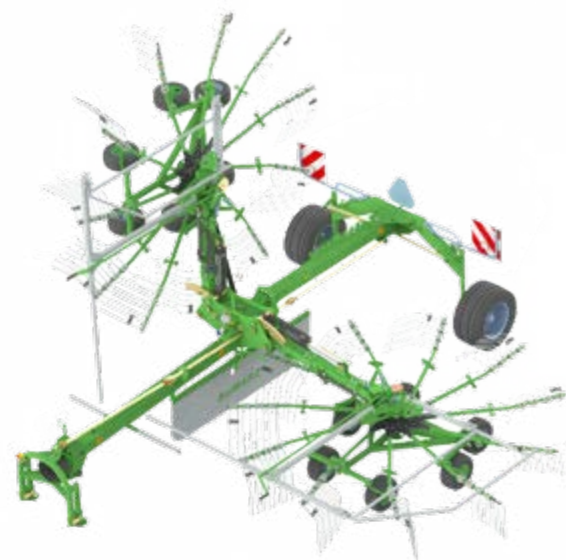
Working width adjustment

Working height adjustment

Manual working width adjustment mechanism. (standard in Z2-780).

Hydraulic working width adjustment mechanism. (standard in Z2-840).

Manual working height adjustment - using a crank.



Z2-840 main differences when compared to Z2-780

- size increase
- no manual raking width adjustment, the adjustment is done only by means of hydraulic cylinders
- castor wheel chassis
- improved transverse ground following (+/- 8°)
- gearboxes with quick rod replacement feature
- modernized swath curtain fold-up system
- additional width indicator
- modified working guide assemblies

Fig. A. Variable working width within 7.20 and 7.60 m (23'7"-25'), Z2-840 (7,60 - 8,40 / 25' - 27'7") range. Adjustment is possible only in transport position by inserting a pin.

Fig. B. Facilitated maneuvering owing to forced steering system. A simple mechanism transmits hitch torsion onto rear wheels' tie rod.

Working width

Forced steering system

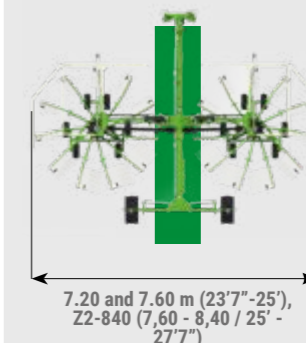


Fig. A

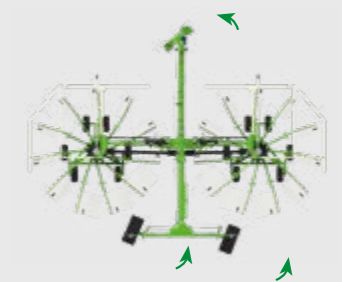


Fig. B

Two dimensional ground following

Each rotor uses three tandem chassis. Longitudinal and transverse ground following mechanism ensures perfect ground following and results in very clean fodder or hay harvest. Other advantages of Z2-780 rakes are the same as for Z 410 rakes - see page 7. Z2-780 rakes is a bright exception in the class of rakes with widths up to 7.6 m (25') as compared with other manufacturers. Main features are not only transverse and longitudinal ground following, but also a triple tandem running gear per single rotor.



Z2-780: a-5°, b-5°, c-15°, d-5°

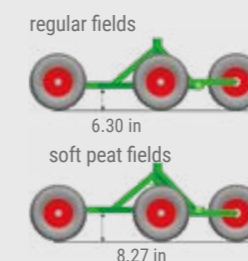


Z2-840: a-8°, b-6°, c-25°, d-8°

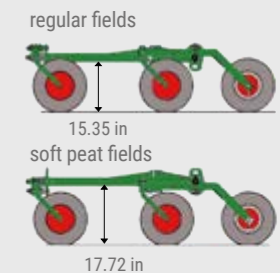
Running gear height regulation

Additional height increase can be done by turning wheel axle around (180°). It enables comfortable work on soft peat fields.

Z2-780



Z2-840



2-rotor in-line rakes

DUO 680, DUO 740 - one or two swath rows

Innovative design



2-rotor rotary rakes DUO 680 and DUO 740 are particularly recommended for those who seek very efficient solutions. Machine is able to lay either one or two swath rows, also allowing hydraulic adjustment of working width and therefore, windrow

width by main frame tilting. Recommended for middle-sized and large farms. Maximum width of raked swath is approx. 12 m / 39'4" (single large row after 2 runs).

Hydraulic latch

Provides traction and stability of rear working unit.

Road lights

Provide safety on public roads.

Wheels

Wide tires 18 x 8,5-8 with possibility of twin wheel attachment.

Support wheel

Provides following of any ground unevenness.

Strong main frame drawbar

Square-profiled main frame drawbar is able to bear large loads.

Front swath curtain

Useful when making two swath rows – hydraulically folded away when operating on headland.

Crank handle

Used for adjusting front drawbar height - as needed.

Gearbox

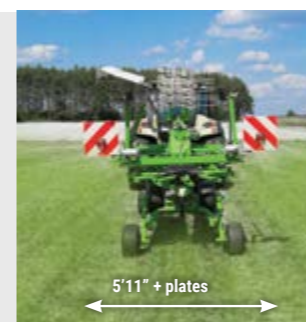
Solid, enclosed design. Oil-bath operation. Constant lubrication ensures their long, faultless work time.

Standard-delivered PTO shaft



Lifting mechanism

Thanks to the lifting mechanism, unit is risen well above the ground (47 cm / 18 1/2" clearance), and leaves the swath intact. Rake can be driven safely on uneven grounds, without the risk of any damage exposure.



Transport

Quick drive from field to field is not a problem. To support it warning plates and position lights have been applied. As rotor's diameter is 3 m / 9'10" (DUO 680), dismantling rotor arms is not always necessary. For longer drives on roads with bigger traffic it is more comfortable to have these dismantled.

2-rotor in-line rakes

DUO 680, DUO 740 - one or two swath rows

Innovative design



Advantages:

1. When transported rear unit is behind the front one (in-line rake)
2. 2 transport widths possible:
 - with tine arms - 3 m / 9'10"
 - w/o tine arms - 2,4 m, / 7'11" (w/o warning plates -1,8 m / 5'11")
3. Lower weight and compact size as compared to other 2-rotor center delivery rakes
4. Innovative height adjustment mechanism, which also lifts the machine to transport position and allows for ideal working height tune-up - 47 cm / 18 1/2" ground clearance
5. 2 double action hydraulic couplers to control rear working unit + 1 single action coupler for transport rise
6. Double tandem running gear, balloon-type wheels (18 x 8,5-8) as well as their close position to tine arms provide perfect ground following and very clean raking



Variable raking width

(see drawing) with sparse material - multiple of a single windrow - 6.8 m (22'4").



Easy maneuvering:

Large turn angle and clearance allows for problem-free drive over lying material.



Raking up to already deposited crop

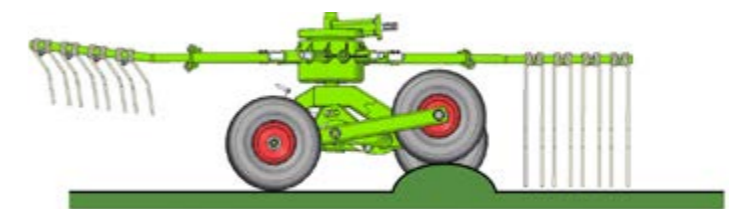


Innovative chassis design

Patented height adjustment mechanism, which also lifts the machine to transport position and allows for ideal working height tune-up.



Transverse A) and Longitudinal B) ground following mechanism allows for independent rotor adjustment. Two support wheels and two independent rotors, provide perfect ground following and very precise raking, even with high working speed.



Tandem chassis

Tandem axle, 4 wheels and wide tires, allowed for ground pressure reduction, which is important on soft grounds such as peat fields. Minor ground obstacles (e.g. stones) are leveled by movable trolley wheels.

Basket rake

TWIST 600, TWIST 600 P



TWIST 600 is a center delivery rake designed for a fast, efficient and clean raking of forage. It can be mounted to the front or rear of the tractor. With front mounting, you can simultaneously rake and work, e.g. with a baler. The rake consists of two

working systems driven by tractor's hydraulics using hydraulic motors. The machine does not need the tractor's PTO shaft for operation. The rake has low weight in comparison to its extensive working width.

The rake has low weight in comparison to its extensive working width.

Swing arm

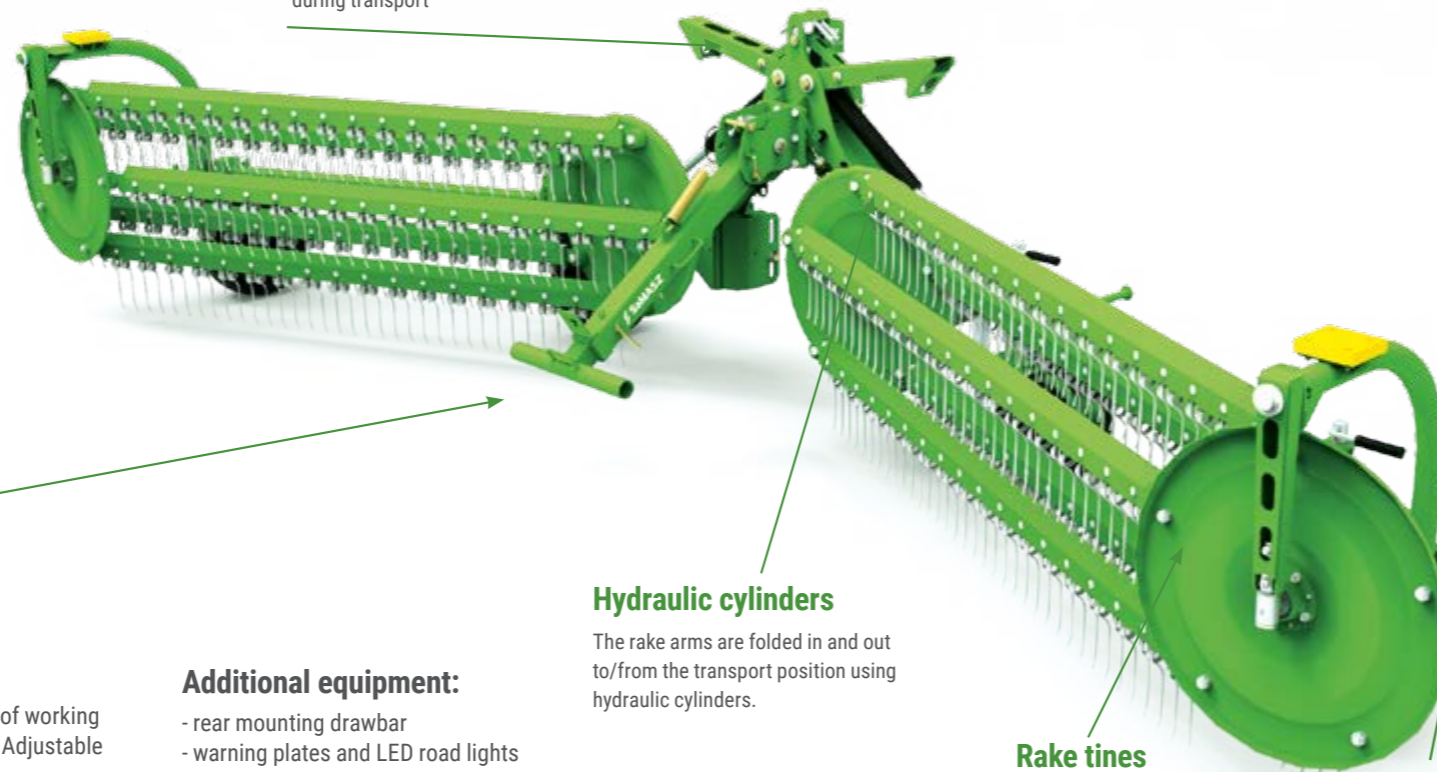
Ensures smooth operation of the system, which prolongs bearing life.

Safety mechanism

machine protection during transport

Foldable support leg

provides stability of the folded machine during storage



Hydraulic cylinders

The rake arms are folded in and out to/from the transport position using hydraulic cylinders.

Rake tines

Flexible rake tines ensure long and trouble-free operation and the highest forage purity.

Ground following wheels

- turf protection,
- accurate ground following,
- stepless adjustment

Standard equipment:

Hydraulic drive with rotation speed regulation • Regulation of working height • Foldable support leg • Mechanical transport lock • Adjustable ground following wheels • KENFIX hydraulic connector

Additional equipment:

- rear mounting drawbar
- warning plates and LED road lights
- rear hitch support wheel
- anti-wrap protection
- swath roller
- wind covers
- EURO - adapter cat. II

Basket rake

TWIST 255



NEW!

Twist 255 with its tine bar raking system collects cleaner fodder increased by 75%. Precise and pure material pick-up thanks to specially profiled raking tines, design of tine bars prevents stones from getting into the formed windrow. Ground following wheel in front of tine bars ensures clean material handling. Designed for hilly field operations. Deposits twist-free windrow. Right side discharge.



- tine bar raking system for cleaner fodder increased by 75%
- precise and pure material pick-up thanks to specially profiled raking tines
- design of tine bars prevents stones from getting into the formed windrow
- ground following wheel in front of tine bars ensures perfect handling of the machine and tines

Transport

The rake is folded and unfolded to/from the transport position using hydraulic cylinders.



Rotary tedders

4-rotor, 6-rotor, 8-rotor and trailed

	P4 - 471	P4 - 531	P6 - 651	P6 - 771	P4 - 531 C	P6 - 771 C
Working width [m / ft]	4,70 / 15'5"	5,30 / 17'5"	7,00 / 22'11"	7,70 / 25'3"	5,30 / 17'5"	7,70 / 25'3"
Transport width / height [m / ft]	3,00 / 2,50 9'8" / 8'2"	3,00 / 2,70 9'8" / 8'1"	3,00 / 3,60 9'8" / 11'8"	2,95 / 4,00 9'7" / 13'2"	3,00 / 2,70 9'8" / 8'1"	2,95 / 4,00 9'7" / 13'2"
Number of tine arms per rotor	4		6		4	
Necessary hydraulic couplers	1 x single acting		1 x double acting		1 x double acting	
Working capacity [ha/h / ac/h]	~ 5,60 / 13,85	~ 6,30 / 15,55	~ 7,80 / 19,30	~ 9,20 / 23	~ 6,30 / 15,55	~ 9,20 / 23
Number of arms [pcs.]	6					
Rotor diameter [cm / ft]	162 / 5'4"	172 / 5'8"	160 / 5'3"	172 / 5'8"	172 / 5'8"	172 / 5'8"
RPM	540					
Hitch	II				drawbar	
Power demand [HP]	from 30	from 40	from 50	from 60	from 40	from 60
Tires (with inner tubes)	16 x 6,5-8				16 x 6,5-8 / 18 x 8,5-8	
Weight [kg / lbs]	665 / 1470	680 / 1500	915 / 2020	945 / 2080	695 / 1530	1730 / 3800

Rotary tedders

P8 - 890

	P8 - 890
Working width [m / ft]	8,90 / 29'2"
Transport width / height [m / ft]	3,00 / 9'10" 3,80 / 12'5"
Number of tine arms per rotor	8
Necessary hydraulic couplers	1 x double acting
Working capacity [ha/h / ac/h]	~ 10,60 / 13,85
Number of arms [pcs.]	6
Rotor diameter [cm / ft]	160 / 5'2"
RPM	540
Hitch	II
Power demand [HP]	from 60
Tires (with inner tubes)	18x8,5-8 (central wheels) / 16x6,5-8 (side wheels)
Weight [kg / lbs]	1320 / 2910

Rotary rakes single rotor, 3-point

Z Slim series

	Z - 350	Z - 351*	Z - 410	Z - 440	Z - 470
Working width [m / ft]	3,50 / 11'6"	3,50 / 11'6"	4,10 / 13'5"	4,40 / 14'5"	4,70 / 15'5"
Windrow width [m / ft]	0,80 - 1,50 / 2'7" - 4'11"				
Transport width [m]	2,80 / 9'2"	2,80 / 9'2"	3,30 / 10'10"	3,60 / 11'8"	3,80 / 12'8"
Transport width without arms [m]	1,80 / 5'11"		1,90 / 6'3"	2,10 / 6'11"	2,30 / 7'7"
Working capacity [ha/h / ac/h]	~ 3,50 / 8,70	~ 3,50 / 8,70	~ 4,50 / 11,00	~ 5,00 / 12,35	~ 5,60 / 14,00
Number of arms [pcs.]	9	9	11		13
Rotor diameter with arms [m]	2,80 / 9'2"	2,80 / 9'2"	3,30 / 10'10"	3,60 / 11'8"	3,80 / 12'8"
Number of tines [pcs./arm]	3		4		
RPM**	540				
Hitch	II				
Power demand [HP]	from 25	from 25	from 40	from 45	from 50
Tires (with inner tubes)	15 x 6,0 - 6			16 x 6,5 - 8	
Weight [kg / lbs]	340 / 750	420 / 925	590 / 1300	750 / 1655	820 / 1810
PTO shaft	tractor - rake: with overload clutch				

* Z - 351 - rakes with turning hitch.

** Recommended drive speed during operation 350 - 450 rpm

Rotary rakes single rotor, trailed

UNO series

	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"		
Transport width [m]	3,30 / 10'10"	3,60 / 11'8"	3,80 / 12'8"
Transport width without arms [m]	1,80 / 5'11"	2,35 / 7'8"	2,35 / 7'8"
Necessary hydraulic couplers	1 x single acting		
Working capacity [ha/h / ac/h]	~ 4,50 / 11,00	~ 5,00 / 13,00	~ 5,60 / 13,85
Number of arms [pcs.]	11		13
Rotor diameter with arms [m]	3,30 / 10'10"	3,60 / 11'8"	3,80 / 12'8"
Number of tines [pcs./arm]	4		
RPM*	540		
Hitch	drawbar		
Power demand [HP]	from 35	from 40	from 45
Tires (with inner tubes)	16 x 6,5 - 8		18 x 8,5 - 8
Weight [kg / lbs]	740 / 1630	870 / 1920	890 / 1960

Rotary rakes 2-rotor

TANGO 730

Type	TANGO 730
Working width [m / ft]	6,70 - 7,30 / 22' - 24'
Transport width / height [m / ft]	3,00 / 3,90 9'8" / 12'1"
Windrow width [m / ft]	0,80 - 1,50 / 2'7" - 4'11"
Number of tine arms per rotor	11
Number of tine arms [pcs.]	4
Working capacity [ha/h / ac/h]	~ 5,60 - 7,50 / ~ 13,85 - 18,50
RPM*	540
Power demand [HP]	from 60
Rotor tires / Drive tires	16 x 6,5-8 / 340/55-16
Windrow presentation	on the right
Weight [kg / lbs]	2450 / 5400

* Recommended drive speed during operation 300 - 350 rpm

Basket rakes

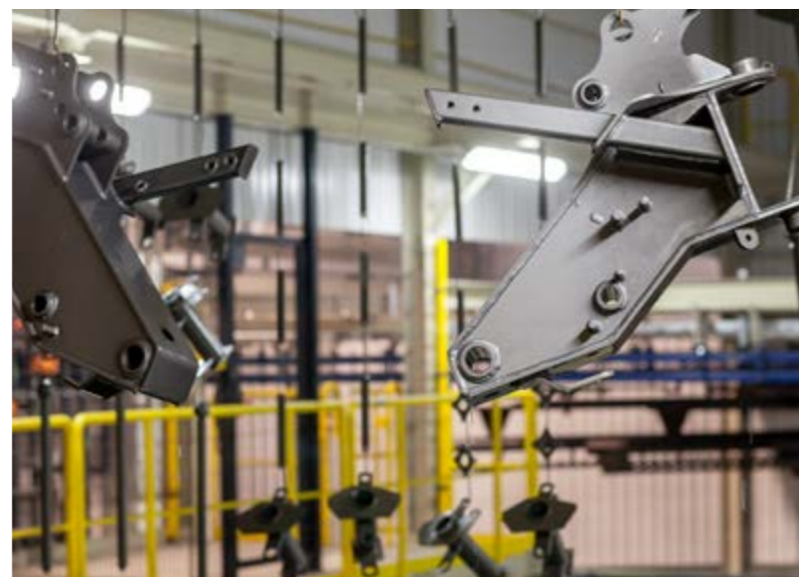
DUO series

	DUO 680	DUO 740
Working width [m / ft]	3,40 - 6,80 / 11'2" - 22'4"	3,70 - 7,40 / 12'1" - 24'3"
Windrow width [m / ft]	0,80 - 1,50 / 2'7" - 4'11"	
Diameter of rotor with arms [m / ft]	3,00 / 9'10"	3,30 / 10'10"
Transport width / height [m / ft]	3,00 / 2,00 9'8" / 6'7"	3,30 / 2,00 9'8" / 6'7"
Necessary hydraulic couplers	1 x single acting, 1 x double acting	
Working capacity [ha/h / ac/h]	~ 5,00 - 6,50 / ~ 12,50 - 16,00	~ 8,00 / 20,00
Number of arms per rotor [pcs.]	11	
RPM	540	
Hitch	II	
Power demand [HP]	from 60	
Tires (with inner tubes)	18 x 8,5 - 8	
Weight [kg / lbs]	1720 / 3790	2050 / 4520

Rotary rakes - basket - rakes

TWIST

	TWIST 255	TWIST 600	TWIST 600 P
Working width [m / ft]	2,20 / 7'2"	6,00 / 19'9"	6,00 / 19'9"
Windrow width [m / ft]	2'7" - 3'3"	1,30 / 4'4"	1,30 / 4'4"
Transport width / height [m / ft]	2,55 / 1,90 8'4" / 6'2"	2,35 / 3,50 - 7'7" / 11'5"	2,35 / 3,50 - 7'7" / 11'5"
Necessary hydraulic couplers	1 x double acting	2 x double acting	
Working drums [pcs.]	2	2	2
Raking bar [pcs.]	6	10	10
Tines [pcs.]	5/ 6	18	18
Working capacity [ha/h / ac/h]	2,50 / 6	~ 6,00 / 15,00	~ 6,00 / 15,00
Drive type	Hydraulic	hydraulic	hydraulic
Pump capacity [GPM]	30 / 7,4	7	7
Nominal pressure [bar / MPa]	15 x 6,00 - 6	160 / 16	160 / 16
Hitch	I/II	II	II
Power demand [HP]	from 30	from 80	from 80
Wheels	15 x 6,00 - 6	15 x 6,5	15 x 6,5
Weight [kg / lbs]	673	770	1985



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Passion for work and constant search for the best solutions are ideas that have guided us from the beginning and have become the key to success.

The main factors contributing to the dynamic development of the company are close contact with the client and openness to his needs. It is through partnership dialogue with our current and future customers, meeting their expectations and needs, that we create and strengthen the foundations for dynamic development.

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Production is currently carried out in Zabłudów (Podlaskie Voivodeship), in a new factory, launched in 2018, employing over 1000 people. SaMASZ dynamically develops export sales. About 65% of the company's production goes to over 60 countries around the world. The company's foreign branches are: SaMASZ Russia, SaMASZ North America LLC, SaMASZ BVBA Belgium - the Netherlands. The TOP 10 largest foreign markets are Germany, the United States, Canada, France, Ireland, Italy, Latvia, the Netherlands, Spain, Australia.

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