

ROZMITAL

CZECH MANUFACTURING WITH
100 YEARS OF TRADITION

Catalogue



■ Disc mowers ■ Tedders ■ Rakes ■ Universal machines ■ Round balers

www.rozmital.com/en

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STROJÍRNY ROŽMITÁL

Strojírny Rožmitál is a Czech company that was founded in 1913 and in its beginnings it was involved in the production of electric motors, air technology and metal furniture.

Throughout its history, the company has focused on the development and production of modern agricultural equipment that meets the requirements of demanding users. Thanks to a responsible approach, precise work, craftsmanship and stability, Strojírny Rožmitál has built its position as a traditional Czech manufacturer and supplier, whose importance is constantly growing both at home and abroad, despite strong competition.



ROZMITAL IN THE WORLD



DISC MOWERS

SD – 20L



SD – 300



Disc mowers like all other ROZMITAL machines are characterized by a **robust durable design**.

For models with central suspension, the cutter bar is an original developed and manufactured only by Strojírny Rožmitál. It uses **forged gears made of high-strength refined material with ground tooth edges**, that ensure a long service life and durability of the gears and, last but not least, silent operation of the mower.

The ROZMITAL mowers with central bar suspension use **hydropneumatic levelling** with the possibility of precise and fast adjustment of the machine to the ideal floating position depending on the terrain. All hydraulic elements are integrated in the machine's hitch frame.

The SD-20L and SD-24L disc mowers are lightweight designs with side bar suspension and spring-loaded levelling.

Technical data		SD - 20L	SD - 24L NEW	SD - 260	SD - 300	SD - 300C	SD - 340
conditioner		no	no	no	no	yes	no
max. working width	m	2,03	2,38	2,56	2,98	2,98	3,37
transport width	m	1,91	1,91	1,75	1,75	1,75	1,75
transport height	m	2,86	3,21	3,3	3,64	3,64	3,99
number of discs	qty	5	6	6	7	7	8
number of blades on disc	qty	2	2	2	2	2	2
blade size	mm	108x50x4	100x50x4	110x50x4	110x50x4	110x50x4	110x50x4
quick release blades		no	no	yes	yes	yes	yes
stubble height	mm	40-70	40-70	40-80	40-80	40-80	40-80
max. mowing capacity	ha/hour	2	2,3	3	3,3	3,3	3,7
min. tractor power	kW	45	45	60	60	70	70
PTO speed	RPM	540	540	540	540	540	540
weight	kg	456	510	730	780	1045	830
PTO drive shaft		AW21086 OR-R	AW21086 OR-R	AW35086 F900Nm	AW35086 F900Nm	AW35086 F1250Nm	AW35086 F1250Nm

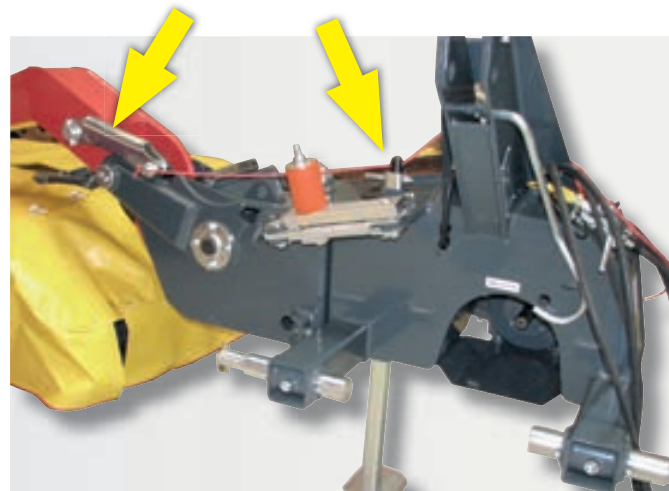
Optional accessories:

- SD-260, SD-300, SD-300C, SD-340 - additional soles +20 and +50
- SD-300 - additional adjustment for a single swath mowing with the widths of 1.8 m or 1.5 m

DISC MOWERS SIDE MOUNTED



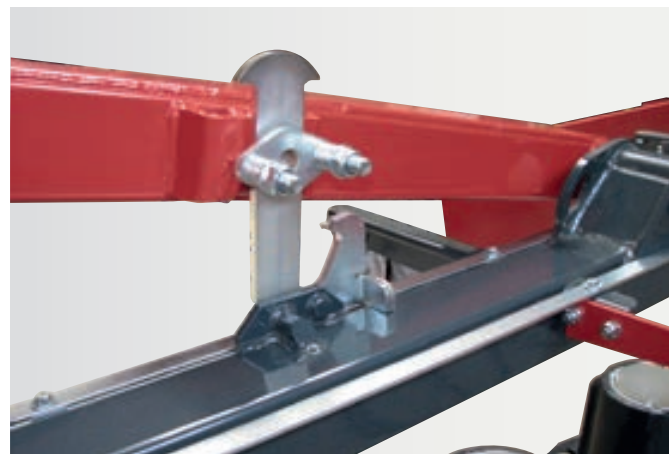
Quick release of the mower blade using a spring is standard for ROZMITAL mowers.



Clever solution - the arm cannot be unlocked and raised if the supporting leg is in the lowered position



Shock protection system protects the cutterbar against serious damage



Lift limiter and brake to prevent cutterbar oscillation. If the limiter is in the maximum position, the mower is not properly adjusted.



Pressure gauge for easy check and quick adjustment of the floating position of the side mounted mowers.



Transport position of the cutterbar

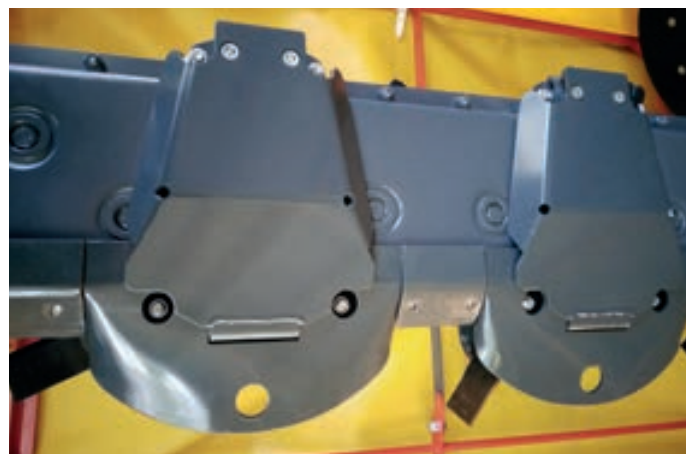
DISC MOWERS MOWER COMBINATION

SM - 820

SM - 820C



Technical data		SM - 820	SM - 820C
conditioner		no	yes / finger
max. working width	m	8,2	8,2
transport width	m	2,81	2,81
transport height	m	3,99	3,99
number of discs	qty	2x7	2x7
number of blades on disc	qty	2	2
blade size	mm	110x50x4	110x50x4
stubble height	mm	40-80	40-80
max. mowing capacity	ha/hour	9	9
min. tractor power	kW	100	120
PTO speed	RPM	1000	1000
weight	kg	1595	2145
PTO drive shaft		AB6096	AB6096



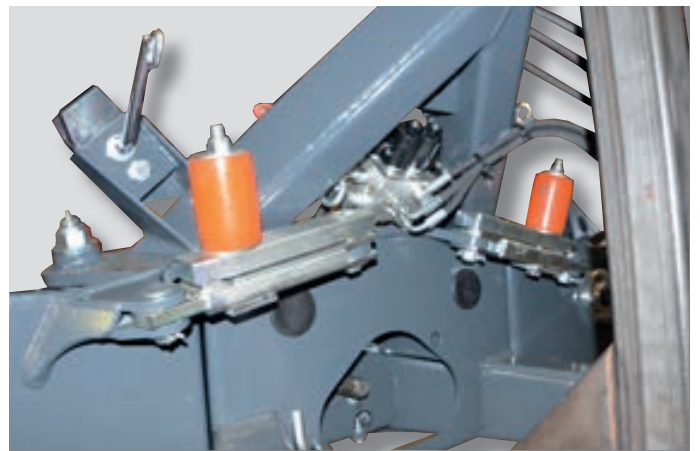
Additional soles +20 mm and +50 mm are optional accessories for all ROZMITAL mowers and just like the basic soles they are made of hardox material.



Four supporting legs guarantee safe storage of the mower combination in the folded position.



Hydro-pneumatic cutterbar release system is a standard equipment.



The **electro-hydraulic switchgear** can individually control both bars from the tractor cab.



DISC MOWERS FRONT MOUNTED

SC-301



SC-301R

NEW



Technical data		SC-301	SC-301C	SC-301R NEW
conditioner/type		no	yes/finger	yes/roller
max. working width	m	3,01	3,01	3,01
transport width	m	2,88	2,88	2,88
transport height	m	1,74	1,74	1,74
number of discs	qty	7	7	7
number of blades on disc	qty	2	2	2
blade size	mm	110x50x4	110x50x4	100x50x4
stubble height	mm	40-80	40-80	40-80
max. mowing capacity	ha/hour	3,3	3,3	3,3
min. tractor power	kW	60	70	70
PTO speed	RPM	1000	1000	1000
weight	kg	752	954	1097
PTO drive shaft		AB4101 F750Nm	AB4101 F750Nm	AB4101 F750Nm

Optional accessories:

- Additional hardox soles +20 and +50
- Extension of triangle adapter for the 3point hitch on tractors
- SC-301C - extended version of the dropping plates for a single swath line cutting with 1,5 m width

- Working width 3 m
- Excellent cutting quality
- Cutterbar attached on both sides forms a rigid unit with the frame
- Soles made of hardox material
- Low-maintenance gear inside the oil bath rail
- Cutterbar flotation using springs
- Overrunning friction clutch on the PTO drive shaft protecting against overload
- Transverse contouring of the cutterbar
- For the SC-301R model, the option to disable the roller conditioner function



Parking position of the front mounted mower.



Roller conditioner of model SC-301R.



Lever for blade quick release and spare blades storage compartment.



Cutterbar flotation by using springs.



Input gearbox, default factory setting is for tractors with a CW front PTO rotation direction, when the gearbox is viewed in the driving direction. The gearbox can be set for CCW front PTO rotation direction.



Cutterbar gears are forged from high-grade steel with ground cog edges. Sprockets are 22 mm thick on all Rozmital mowers.

TEDDERS

Technical data		OZ-272	OZ-454	OZ-524S	OZ-676 OZ-676H	OZ-776S	OZ-908	OZ-1110
max. working width	m	2,7	4,5	5,2	6,7	7,7	9,0	11,2
transport width	m	2,99	2,64	2,98	2,64	2,98	2,99	2,99
rotor diameter	m	1,72	1,36	1,72	1,36	1,72	1,36	1,36
number of rotors	qty	2	4	4	6	6	8	10
number of arms on the rotor	qty	6	6	7	6	7	6	6
number of double tines on the arm	qty	1	1	1	1	1	1	1
max. tedding capacity	ha/hour	3,1	5,2	6	7,7	8,8	10,2	12,3
min. tractor power	kW	25	35	35	45	55	71	60
PTO speed	RPM	540	540	540	540	540	540	540
weight	kg	261	555	599	795 798	935	1320	1850
tyres under the rotor		16x6,5-8	16x6,5-8	16x6,5-8	16x6,5-8	16x6,5-8	16x6,5-8	16x6,5-8
transport tyres								215/65-15
PTO drive shaft		AW21101 K32	AW21101 K33	AW21101 K33	AW35101 K33	AW35101 K34	8G5T101	7G7T121

What tedder for a particular mower width?

ROZMITAL mower working width

	2,00 m	2,40 m	2,60 m	3,00 m	3,40 m	8,20 m
OZ-1110						
OZ-908						
OZ-776S						
OZ-676						
OZ-524S						
OZ-454						
OZ-272						

TEDDERS TWO-ROTOR

OZ-272



- **Working width 2,7 m**
- For small areas
- High-performance and easy to use
- Standard 16x6.5 gauge wheels
- Stabilizing struts as standard equipment

Extra strong Working tines

Large tine coil diameter, 10 mm wire, C type spring steel – on all ROZMITAL tedders

TEDDERS FOUR-ROTOR

OZ-454

OZ-524S



OZ-454



OZ-524S

- Heavy-duty durable design
- Stabilizing struts
- Wing hydraulic folding
- Wings automatically lock in transport position
- Standard 16x6.5-8 gauge wheels
- Extra strong tines on all tedders
- Excellent terrain contouring
- OZ-524S and OZ-776S are equipped with larger diameter 7-arm rotors for even forage spreading

TEDDERS SIX-ROTOR

OZ-676

OZ-776S



OZ - 676



INNOVATION

The OZ-676 has an innovative three-point hinge for mounting the front tracking wheel for perfect rotation.

Optional accessories:

- OZ-676 - front terrain tracking wheel



OZ - 776S

TEDDERS SIX-ROTOR

OZ-676H



Hydraulically guided gauge wheels



Gauge wheels can be steered hydraulically from the tractor cab for proper tedding on headlands.



The level of forage spread behind the machine can be regulated by adjusting the height of the running wheel holder using a screw. A total of five positions are available and the standard setting is to the middle position.



TEDDERS EIGHT-ROTOR

OZ-908



Optional accessories:

- Additional front gauge wheel

MOUNTED TEDDER

- Heavy-duty durable design
- 16x6,5-8 wheels under rotors, duals on the middle section
- Proper tedding on headlands is ensured by a folding windrow guard
- Simplified folding of end rotors

TEDDERS TEN-ROTOR

OZ-1110



- The largest tedder in the range, suitable for medium and large areas
- Heavy-duty durable design
- Excellent terrain contouring
- Stabilizing struts
- Transport axle
- High performance

RAKES

RAKES SINGLE-ROTOR

Technical data		SB-3621	SB-3921	SB-4231	SB-4631	SB-4941
max. working width	m	3,6	3,9	4,2	4,6	4,9
transport width	m	1,68	1,81	1,81	1,85	2,64
rotor diameter	m	2,95	3,12	3,36	3,76	3,98
number of rotors	qty	1	1	1	1	1
number of arms on the rotor	qty	8	10	10	10	13
number of double tines on the arm	qty	3	3	4	4	4
max. raking capacity	ha/hour	3,7	4	4,3	4,7	5
min. tractor power	kW	30	30	35	45	30
PTO speed	RPM	540	540	540	540	540
weight	kg	445	555	620	635	885
number of tyres per rotor / size		2 / 16x6,5-8	2 / 16x6,5-8	4 / 16x6,5-8	4 / 16x6,5-8	6 / 18,5x8,5-8
PTO drive shaft		AW21086 K32	AW21086 K32	AW21086 K32	AW21086 K32	AW21121 K33 820Nm 50°

Optional accessories:

- front terrain tracking wheel for SB-3621, SB-3921, SB-4231 and SB-4631

ORIGINAL ROTORS ROZMITAL

- *solution for heavy-duty operation*
- *camshaft mechanism with permanent oil bath is standard on all ROZMITAL machines*



The **rotor camshaft mechanism** is placed in a closed oil-filled box. The permanent oil bath provides quiet operation of the machine and a low wear rate of its components.

It is not a grease or liquide grease as used by our competitors, which is just another word for a petroleum jelly, but real oil that can be drained and changed like in any gearbox.



Roller bearing mounting of the bevel gear pinion shaft improves reliability and cog longevity.

RAKES SINGLE-ROTOR

SB - 3621



Working width 3,60 m

SB-3921



Working width 3,90 m

NEW

Optional accessories:

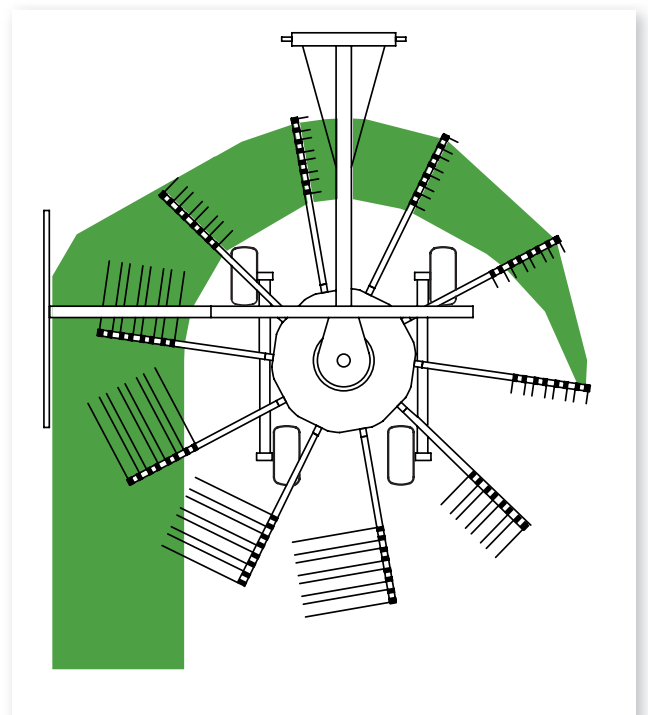
- Tandem chassis for greater stability and better terrain following

RAKES SINGLE-ROTOR

SB-4231



Working width 4,20 m



Undercarriage wheels mounted right behind the tines for proper terrain contouring of the arms.

Tandem chassis ensuring greater stability and terrain contouring.

RAKES SINGLE-ROTOR

SB-4631



- Working width 4,60 m
- Tandem chassis with four wheels

SB-4941

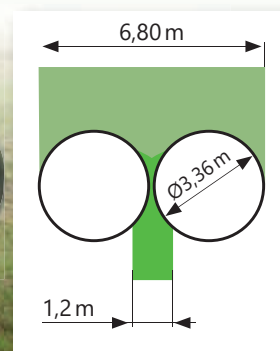


- Working width 4,90 m
- Trailed machines, double mounting as standard

RAKES TWO-ROTOR with centre delivery

Technical data		SP-682D	SP-772D	SP-852H	SP-962H
max. working width	m	6,8	7,7	8,5	9,6
transport width	m	2,83	2,83	2,92	2,93
rotor diameter	m	3,36	3,36	3,76	4,20
number of rotors	qty	2	2	2	2
number of arms on the rotor	qty	10	10	10	13
number of double tines on the arm	qty	4	4	4	4
max. raking capacity	ha/hour	7	7,6	8,4	9,5
min. tractor power	kW	45	45	45	55
PTO speed	RPM	540	540	540	540
weight	kg	1995	2025	2180	3030
tyres in front of the rotor / size		1 / 16x6,5-8	1 / 16x6,5-8	1 / 18x8,5-8	1 / 18x8,5-8
tyres under the rotor / size		2 / 16x6,5-8	2 / 16x6,5-8	4 / 16x6,5-8	4 / 16x6,5-8
transport tyres		225/65-16	225/65-16	10,0/80-12	340/55-16
internal drive shaft		AW21101 K32	AW21121 K32	AW21121 K33	AW21121 K33
PTO drive shaft		AW21101-50°	AW21101-50°	AW21101-50°	AW21101-50°

SP-682D



SP - 682D mid-row two rotor rake with a fixed working width

NEW

Optional accessories:

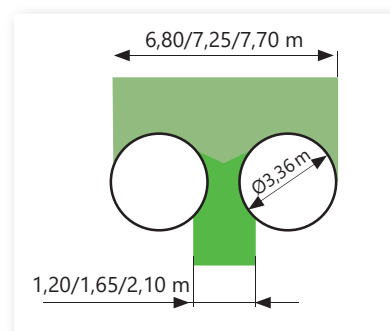
- Tandem chassis

RAKES TWO-ROTOR with centre delivery

SP-772D



SP - 772D mid-row two rotor rake with incrementally adjustable working width



NEW

Optional accessories:

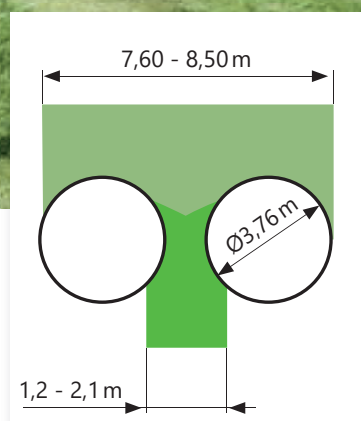
- Tandem chassis

RAKES TWO-ROTOR with centre delivery

SP-852H



SP-852H mid-row two rotor rake with hydraulically infinitely adjustable working width



Automatic return of rotors to transport position when folding the arms

Optional accessories:

- Hydraulic circuit locks for model SP-852H



RAKES TWO-ROTOR with centre delivery

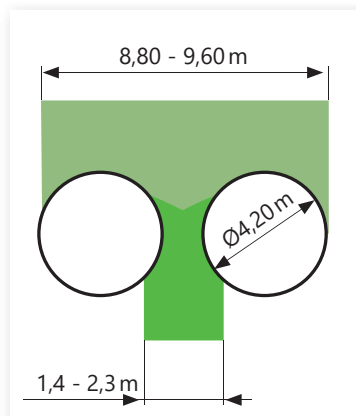
SP-962H



SP-962H mid-row two rotor rake with hydraulically infinitely adjustable working width
Hydraulic circuit locks as standard



13 arm rotors with a diameter of 4.2 m, 4 double tines per arm

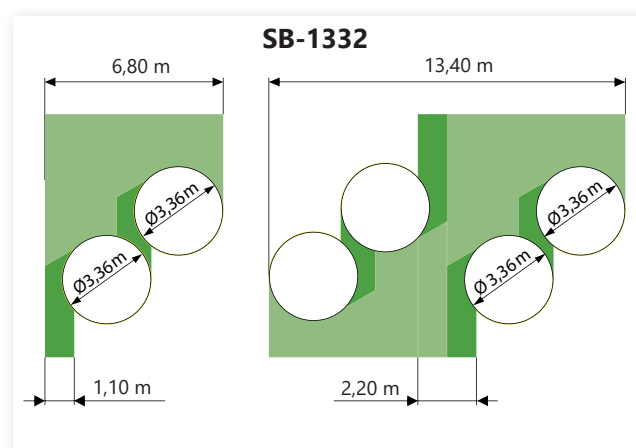


RAKES TWO-ROTOR with side delivery

SB-1332

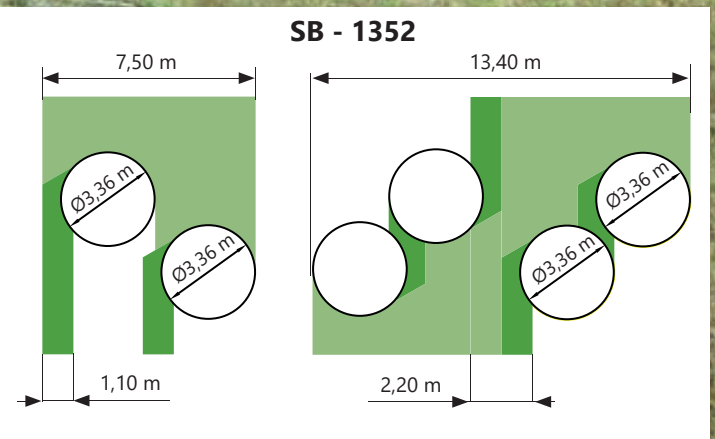


Technical data		SB-1332
max. working width	m	6,8
transport width	m	2,92
rotor diameter	m	3,36
number of rotors	qty	2
number of arms on the rotor	qty	10 + 13
number of double tines on the arm	qty	4
max. raking capacity	ha/hour	7
min. tractor power	kW	45
PTO speed	RPM	540
weight	kg	2150
tyres in front of the rotor / size		1 / 18x8,5-8
tyres under the rotor / size		2 / 16x6,5-8
transport tyres		10,0/80-12
internal drive shaft		AW21096 K32
PTO drive shaft		AW21101-50°



RAKES TWO-ROTOR with side delivery

SB-1352



Technical data		SB-1352
max. working width	m	6,8
transport width	m	2,64
rotor diameter	m	3,36
number of rotors	qty	2
number of arms on the rotor	qty	10 + 13
number of double tines on the arm	qty	4
max. raking capacity	ha/hour	7
min. tractor power	kW	45
PTO speed	RPM	540
weight	kg	1850
tyres front rotor / size		6 / 18x8,5-8
tyres rear rotor / size		5 / 18x8,5-8
internal drive shaft		AW35121-50°
PTO drive shaft		

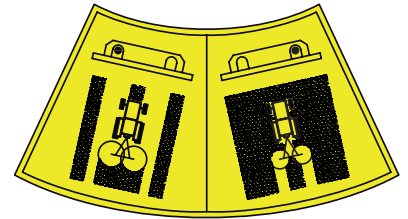
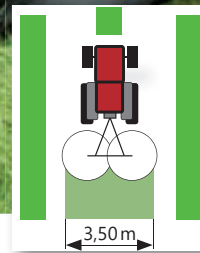
- Variable working width with an option to create a swath from an area up to 13,4 m wide
- Gauge wheels as standard equipment
- Excellent longitudinal contouring right before the working tines
- Hydraulically operated undercarriages
- Independent terrain contouring of each rotor
- Raking into one or two swaths
- Working rotors with 10 and 13 arms, each with 4 double tines

TEDDER AND RAKE IN ONE

SP4-152



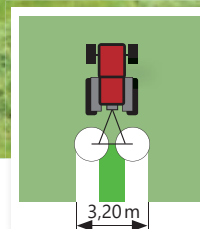
Tedding - rod swath guards are in transport position.



Pictograms show correct setting for each rotor. Incorrect setting may result in serious damage to the machine.



Raking - rod swath guards are in the working position.



For tedding and raking, it is necessary to reset tine arms to different positions. Shifting between both positions is simple and applies to all tine arms of each rotor simultaneously with just a single operation.

Technical data		SP4 - 152
max. working width	m	ted. 3.5/rake 3.2
transport width	m	2,98
rotor diameter	m	ted. 2.0/rake 1.4
number of rotors	qty	2
number of arms on the rotor	qty	6
number of double tines on the arm	qty	2
max. tedding/raking capacity	ha/hr	ted. 3.7/rake 3.4
min. tractor power	kW	30
PTO speed	RPM	540
weight	kg	420
tyres under the rotor		16x6,5-8
PTO drive shaft		AW21121 K32

Optional accessories:

- Portable light set

- Working width when **tedding 3,5 m**
- Working width when **raking 3,2 m**
- Multi purpose - tedding and raking in one machine
- Suitable for smaller areas
- Simple and fast adjustment between tedding and raking
- Stabilizing struts

TEDDERS / RAKES WHEEL

SP4-205



SP4-205 Combined tedder/rake in a single machine

Technical data		SP4 - 205
max. working width	m	ted. 3.1/rake 3.4
transport width	m	2,3
rotor diameter	m	1,4
number of rotors	qty	5
max. tedding/raking capacity	ha/hr	ted. 4.5/rake 4.8
min. tractor power	kW	22
weight	kg	224

Optional accessories:

- Portable light set

- Working width when **tedding 3,1 m**
- working width when **raking 3,4 m**
- Multi purpose - tedding and raking in one machine
- Simple and easy maintenance
- High area capacity
- Wheels driven by rolling over the ground
- Low crumbling and low losses

BALERS FOR ROUND BALES

Balers for round bales with fixed chambre - with rollers

LB-V120



Roller baler with fixed chamber, with cutting option suitable for haylage

Technical data

bale diameter	cm	120
bale width	cm	120
width of the collecting gear	mm	1 800
tractor power min.	kW	45
weight standard / with rotor / with rotor and knives	kg	2 350 / 2 450 / 2 750
length standard / with rotor / with rotor and knives	mm	3 900 / 4 000 / 4 000
width	mm	2470
height	mm	2050
tyres		400/60-15,5 14PR
string/net tying		yes / optional accessories
PTO RPM	RPM	540

- Cutting option - suitable for haylage
- Bale diameter 120 cm
- Net or string tying
- Ejection ramp
- Reliable collecting gear
- Stacker or rotor feeder
- Robust and durable blades
- Easy service and maintenance

Optional accessories:

- Net tying
- Central lubrication
- Rotor feeder
- Rotor feeder and knives
- Preservation applicator
- Cardan with shear bolt
- Cardan with coupling
- Two-circuit hydraulic control



16-roller chamber

Balers for round bales with fixed chambre - chain

LB-R120 / LB-R150



Chain baler with fixed chamber, suitable for dry materials

Technical data

bale diameter	cm	120	150
bale width	cm	120	150
width of the collecting gear	mm	1 800	1 800
tractor power min.	kW	45	45
weight	kg	2 555	2 950
length	mm	4 325	5 070
width	mm	2 470	2 550
height	mm	2 200	2 395
tyres		400/60-15,5 14PR	400/60-15,5 14PR
string/net tying		yes / optional accessories	yes / optional accessories
PTO RPM	RPM	540	540

- Ideal for dry material
- Bale diameter 120 or 150 cm
- Net or string tying
- Ejection ramp
- Reliable collecting gear
- Easy service and maintenance

Optional accessories:

- Net tying
- Central lubrication
- Cardan with shear bolt
- Cardan with coupling



Chain baler

SPARE PARTS AND SERVICE



Spare parts

In the area of spare parts, the company values the wide range of spare parts availability, even for older machine types. Emphasis is also placed on fast dispatch.



Service

Service is provided by a network of authorised dealers. This is the only way to ensure that Rozmital machines are given sufficient professional care. In the event of a machine breakdown during the season, trained service personnel can quickly diagnose the defect and repair the machine, minimising machine downtime.

WHY ROZMITAL MACHINES?

- ✓ Robust and durable
- ✓ Simple and reliable
- ✓ Long service life
- ✓ Proven design
- ✓ Czech product



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Strojírny Rožmitál

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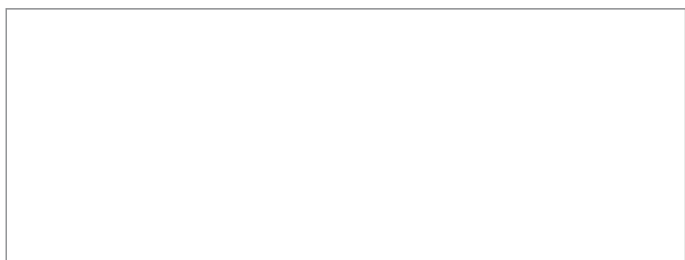
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DEALER



The manufacturer reserves the right to make products, technical parameters and construction changes.

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CZECH MANUFACTURING WITH
100 YEARS OF TRADITION

ROZMITAL