

# SMART SOLUTIONS FOR AGRICULTURAL

**N.O.P.O.Z.M.  
Slatiňany**

## Agricultural machines



[www.nopozm.cz](http://www.nopozm.cz)

# N.O.P.O.Z.M. Slatiňany

The birth of N.O.P.O.Z.M. Slatiňany, Czech

The company was established in the year 1993.  
We are a producer of agricultural machines, communal  
technology and machines for building, especially  
maintaining of forestry and field roads.  
For this period, the company has established itself  
on the Czech and international markets.  
The main customer countries are Czech, Germany,  
Austria and Slovakia.

The company is situated in the East of Bohemia.



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# Overview – agricultural machines

The key product of our agricultural segment. The main purpose is preparing seedbed before seeding. In combination with harrows the customer obtain optimal machine that prepares their field in a very short time. Currently there are many headers for harvesting which are electro-hydraulic managed and in many cases have delay with copy. The machine is consisted of two boards. First of them has triangle shape, second is straight. Adjustment of the first board is mechanical or electrical hydraulically as well as lateral copy wheels based on customer requirement.

## Benefits:

- ✓ using the machine if there are high humidity of the field
- ✓ easy and comfortable adjustment from the cab
- ✓ high daily performance
- ✓ working width up to 17 m
- ✓ cheap maintenance
- ✓ high durability due to extra steel material, thickness of triangle board: 15 mm
- ✓ power requirement: of 250 horsepower with working width: 17 metres
- ✓ COC standard
- ✓ The machine can have colour by customer requirement:
- ✓ RAL

## TRAILED SKIDS TYPE PB PRODUCT DESCRIPTION



191-245 HP



ISO III



9.9-17 m



Type PB3 – 051.6  
+ CLAAS Xerion

Type PB3 – 051.6 + Challenger MT



detail:  
mechanical adjustment of triangle board  
hydraulically adjustment 1st triangle board  
by the switcher from the cab

detail: hydraulic adjustment lateral wheels

detail: in heavy soil conditions we recommend  
added gamma ploughshare between 1st and 2nd  
board



Tab.1: hydraulic folding (without harrows) – trailed semi-mounted

Order No.:	Working width (m)	Type:	Power requirement (HP)
9062	8,1	PB3 – 051.2	177
9065	9,9	PB3 – 051.3	190
9068	11,7	PB3 – 051.4	218
9071	15,0	PB3 – 051.5	231
9074	17,0	PB3 – 051.6	250

Tab.2: hydraulic folding (with harrows – 40 kg) – trailed semi-mounted

Order No.:	Working width (m)	Type:	Power requirement (HP)
9063	8,1	PB3 – 051.2	177
9066	9,9	PB3 – 051.3	190
9069	11,7	PB3 – 051.4	218
9072	15,0	PB3 – 051.5	231
9075	17,0	PB3 – 051.6	250

Tab.3: hydraulic folding (with harrows – 60 kg) – trailed semi-mounted

Order No.:	Working width (m)	Type:	Power requirement (HP)
9064	8,1	PB3 – 051.2	177
9067	9,9	PB3 – 051.3	190
9070	11,7	PB3 – 051.4	218
9073	15,0	PB3 – 051.5	231
9076	17,0	PB3 – 051.6	250

## TRAILED SEMI-MOUNTED SKIDS: TECHNICAL DATA

Type:	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Working depth (cm):	Working speed (km/h):	Weight (without harrows) kg
PB 3-051.3	9 900	2 960	2 970	6 300	6-10	8-10	2 300
PB 3-051.4	11 700	2 960	2 970	6 300	6-10	8-10	2 450
PB 3-051.5	15 000	2 960	2 970	9 500	6-10	8-10	2 610
PB 3-051.6	17 000	2 960	2 970	9 500	6-10	8-10	2 810

# Overview – agricultural machines

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For smaller farmers the company offers rear mounted skids with working width of 4,5 to 8,1 m. The machine is used in spring and in autumn like preseedbed operation, especially before seeding and after ploughing. In one pass the field is prepared. Heavy-duty three point linkage ensures stability especially on the road.



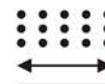
## REAR MOUNTED SKIDS TYPE PB PRODUCT DESCRIPTION



68-136 HP



ISO II+III



4,5-8,1 m

For saving time and fuel we recommend a front mounted skid. In combination with rear seedbed cultivator you obtain a seedbed in one pass.

The main advantage is that tractor is continuously loaded on the front and rear axle without front set of weight.



Tab.4: hydraulic folding (without harrows) - rear mounted

Order No.:	Working width (m)	Type:	Power requirement (HP)
9050	4,5	PB3 – 051	68
9053	6,3	PB3 – 051.1	95
9056	8,1	PB3 – 051.2	136

Tab.5: hydraulic folding (with harrows 40 kg) - rear mounted

Order No.:	Working width (m)	Type:	Power requirement (HP)
9051	4,5	PB3 – 051	68
9054	6,3	PB3 – 051.1	95
9057	8,1	PB3 – 051.2	136

Tab.6: hydraulic folding (with harrows 60 kg) - rear mounted

Order No.:	Working width (m)	Type:	Power requirement (HP)
9052	4,5	PB3 – 051	68
9055	6,3	PB3 – 051.1	95
9058	8,1	PB3 – 051.2	136

Tab.7: front mounted skids (without harrows)

Order No.:	Working width (m)	Type:	Power requirement (HP)
9059	3,0	PB3 – 050/C	82
9060	4,5	PB3 – 051.1/C	95
9061	6,3	PB3 – 051.1	100

The machine can be applied with harrows about weight 40 and 60 kg.

## REAR MOUNTED SKIDS: TECHNICAL DATA

	3. point linkage	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Working depth (cm):	Working speed (km/h):	Weight (alone) kg:
PB3 – 051	ISO II	4 500	2 850	1 350	1 250	6-10	8-10	500
PB3 – 051.1	ISO II	6 300	2 850	2 300	1 250	6-10	8-10	735
PB3 – 051.2	ISO III	8 100	2 850	3 200	1 250	6-10	8-10	950



[https://www.youtube.com/watch?v=hL0lgGjSJ\\_s](https://www.youtube.com/watch?v=hL0lgGjSJ_s)



<https://www.youtube.com/watch?v=zKBSAsERoT4>

# Overview – agricultural machines

**N.O.P.O.Z.M.  
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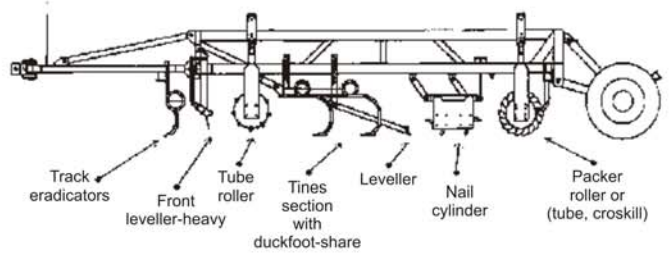
Seedbed cultivators:  
Seedbed cultivators:  
Trailed rear skids:  
Mounted rear skids:  
Harrows:  
Meadow harrows:  
Meadow rollers:  
Cambridge rollers:  
Smooth rollers:  
Garlic planters

**BETAKOMPAKT** – trailed semi-mounted  
**DELTAKOMPAKT** – mounted  
Type: PB 3 – semi-mounted  
Type: PB 3  
Type: PB 4 – mounted, semi-mounted  
mounted  
trailed  
trailed  
trailed  
mounted

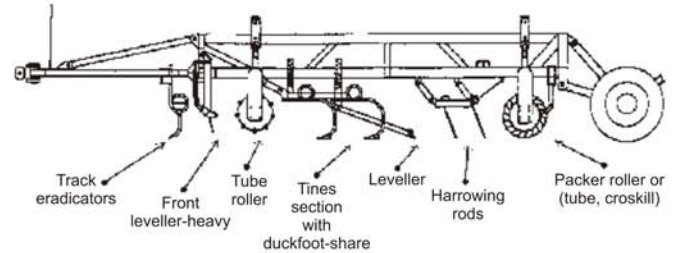
## UP TO 7 OPERATIONS IN ONE PASS

Well-proven machine for seedbed preparation. The main advantage of this machine is high permeability in heavy conditions, specially if there is many residues management. Turning on the headland could be on the rollers (tube or croskill) or on the axle. Setting of the depth is mechanically or hydraulically done. This machine are offered with working width of 4,5 to 8 metres. Tines section with duckfoot-share or gamma point section of tines is exchangeable.

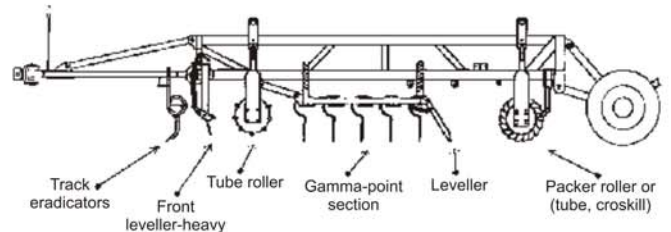
**Betakompakt: version for preparing in heavy soil conditions with nail roller**



**Betakompakt: version for preparing in heavy and middle-heavy soil conditions with harrowing rods**



**Betakompakt: version for preparing in light soil conditions in spring time**



**detail: harrowing rods like optional**



**detail: optional single or tandem croskill roller like last operation**



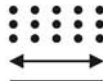
## SEEDBED CULTIVATORS BETAKOMPAKT PRODUCT DESCRIPTION



120-280 HP



ISO III



3–8 m

seedbed cultivators BETAKOMPAKT TECHNICAL DATA							
PB1-090	Order No.	Working width (mm)	Transport width (mm)	Height of machine (mm)	Length of machine (mm)	Working depth (cm)	Weight (kg)
	9105	3 000	3000	1100	6300	8-15	
	9109					8-15	
	9113					8-15	
	9117					8-15	
(HMS + (wheel track eradicators))							

seedbed cultivators BETAKOMPAKT TECHNICAL DATA							
PB1-093	Order No.	Working width (mm)	Transport width (mm)	Height of machine (mm)	Length of machine (mm)	Working depth (cm)	Weight (kg)
	9106	4 500	3000	2500	6300	8-15	
	9110					8-15	
	9114					8-15	
	9117					8-15	
(HMS + (wheel track eradicators))							

seedbed cultivators BETAKOMPAKT TECHNICAL DATA							
PB1-092	Order No.	Working width (mm)	Transport width (mm)	Height of machine (mm)	Length of machine (mm)	Working depth (cm)	Weight (kg)
	9107	6 000	3000	3100	6300	8-15	
	9111					8-15	
	9115					8-15	
	9117					8-15	
(HMS + (wheel track eradicators))							

seedbed cultivators BETAKOMPAKT TECHNICAL DATA							
PB1-092	Order No.	Working width (mm)	Transport width (mm)	Height of machine (mm)	Length of machine (mm)	Working depth (cm)	Weight (kg)
	9108	8 000	3000	4200	6300	8-15	
	9112					8-15	
	9116					8-15	
	9117					8-15	
(HMS + (wheel track eradicators))							

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Rear mounted seedbed cultivator DELTAKOMPAKT is a machine for preparing a seedbed before seeding. Heavy-duty 3 point linkage is the main advantage. The machine is consisted from 5 sections. Different combinations of rollers are available for optimum crushing and consolidation of the seed bed. Such a seedbed creates the best conditions for the even germination of small seeds, especially rapeseed and sugar beet. Durable frame ensures greater impacts and protects the tractor and working sections.

## Benefits:

- ✓ using the machine if there is high humidity of the field
- ✓ cheap maintenance
- ✓ COC standard
- ✓ The machine can have colour by customer requirement:
- ✓ RAL



detail: Beta ploughshare

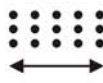
## SEEDBED CULTIVATORS DELTAKOMPAKT PRODUCT DESCRIPTION



90-218 HP



ISO III



3–6 m

Seedbed cultivators DELTAKOMPAKT: TECHNICAL DATA								
Type		Order No.:	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Working depth (cm):	Weight (kg)
PB 1-200	(Tube Roller+Beta ploughshare+Tube roller)	9140	3 000	3 000	1 250	2 450	6 - 12	900/1400
	(Tube Roller+Beta ploughshare+Croskill roller)	9141	3 000	3 000	1 250	2 450	6 - 12	900/1400
	(Tube Roller+Duckfoot share+Croskill roller)	9146	3 000	3 000	1 250	2 450	6 - 12	900/1400
	(Tube Roller+Beta ploughshare+Tube roller)	9142	4 500	3 000	2450	2450	6 - 12	1860/2220
	(Tube Roller+Beta ploughshare+Croskill roller)	9143	4 500	3 000	2450	2450	6 - 12	1860/2220
	(Tube Roller+Duckfoot share+Croskill roller)	9147	4 500	3 000	2450	2450	6 - 12	1860/2220
	(Tube Roller+Beta ploughshare+Tube roller)	9144	6 000	3 000	3250	2450	6 - 12	2400/3200
	(Tube Roller+Beta ploughshare+Croskill roller)	9145	6 000	3 000	3250	2450	6 - 12	2400/3200
	(Tube Roller+Duckfoot share+Croskill roller)	9148	6 000	3 000	3250	2450	6 - 12	2400/3200

# DISC HARROW



- BENEFITS:**
- ✓ heavy-duty frame
  - ✓ Ø discs: 560 mm
  - ✓ maintenance-free bearings: additional equipment
  - ✓ COC certificate, operator manual, lightning

The disc harrow is used for harrowing and preparing the soil before sowing and planting. The discs are coupled with the crumple rods. The roller can be made as a tube roller, croskill roller or spring packer, depending on the customer's wishes. The discs are attached to the frame with the help of the massive bearing housings via the arm, which is cushioned by rubber rollers. It is also possible to mount an additional seed drill for sowing green manure on the disc harrow. In basic price is included (disc harrow, tube roller, crumple rods, see. Tab. 1.1.)



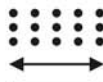
## DISC HARROW SHORTDISK PRODUCT DESCRIPTION



82-165 HP



ISO II+III



2,1-4 m



Tab.: 1.1

### DISC HARROW SHORTDISK – TECHNICAL DATA

Type:	Order no:	Working width: (mm):	Transport width: (mm):	Height of machine: (mm):	Length of machine: (mm):	Weight (kg)	Power requirement (HP)
SD-2,1 N	9295	2 100	2 100	1 300	2 700	820	82
SD-2,5 N	9296	2 500	2 500	1 300	2 700	1 220	95
SD-3 N	9297	3 000	3 000	1 300	2 700	1 320	136
SD-3,5 N	9298	3 500	3 500	1 300	2 700	1 450	150
SD-4 N	9299	4 000	4 000	1 300	2 700	2 000	165



# SEMI MOUNTED SHORTDISK



The semi-mounted SHORTDISK cultivator guarantees homogeneous mixing of organic matter and soil to a working depth of up to 15 cm, even in difficult conditions, this guaranteeing full-surface processing of stubble at high driving speeds. A rod harrow is used to level the furrow. Depth adjustment and lump crushing is ensured by a tubular crushing roller, which can be replaced with a crosskil, packer or segment roller. As an optional extra, the discs can be equipped with maintenance-free bearings from SKF. The machine can be fitted with an additional seeder for sowing green manure.



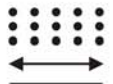
## SEMI MOUNTED SHORTDISK PRODUCT DESCRIPTION



163-235 HP



ISO II+III



4-6 m



### BENEFITS

- ✓ HEAVY-DUTY FRAME
- ✓ VARIABILITY OF THE ROLLERS OFFERED
- ✓ HIGH DAILY PERFORMANCE
- ✓ MAINTENANCE FREE BEARINGS SKF - IN ADDITION
- ✓ THE MACHINE CAN BE FITTED BY SEEDING MACHINE

### SHORTDISK-REAR MOUNTED HYDRAULIC FOLDABLE-TECHNICAL DATA-basic equipment

TYPE:	Order no.:	Working width (mm):	Transport width (mm):	Length of machine (mm):	Weight (kg):	Power requirement (HP)
SD-4 NH	9192	4 000	2 800	2 700	3 350	163
SD-4,5 NH	9193	4 500	2 800	2 700	3 750	177
SD-5 NH	9194	5 000	2 800	2 700	3 950	190
SD-6 NH	9195	6 000	2 800	2 700	4 600	235

### SHORTDISK-REAR SEMI-MOUNTED HYDRAULIC FOLDABLE-TECHNICAL DATA-basic equipment

TYP:	Order no.:	Working width (mm):	Transport width (mm):	Length of machine (mm):	Weight (kg):	Power requirement (HP)
SD-4 TH	9277	4 000	2 800	4 100	4 800	163
SD-4,5 TH	9196	4 500	2 800	4 100	5 000	190
SD-5 TH	9197	5 000	2 800	4 100	3 950	204
SD-6 TH	9198	6 000	2 800	4 100	5 800	235

# TINE CULTIVATORS



The GAMAFLEX intensive cultivator is a machine suitable for both the first shallow cultivator and for full-surface cultivation after the passage of the combine harvester. Thanks to the removable side wings, the machine can work the soil profile to a depth of 35 cm. After one pass, you can then seed through the mulch. The main advantage is the securing of the bowls by a compression spring with a high release force, which allows the machine to maintain the required working depth even in the most demanding conditions. The mechanical adjustment of the working depth is finely graduated. For perfect mixing and leveling of the soil profile, a series of discs, including a tubular cylinder with a diameter of 620 mm, are used to reconsolidate the profile.

## BENEFITS

- ✓ intensive loosening to a depth of 35 cm
- ✓ removable side wings
- ✓ heavy-duty frame
- ✓ high throughput without blockages

## TINE CULTIVATORS GAMAFLEX PRODUCT DESCRIPTION



### TINE CULTIVATORS - GAMAFLEX – TECHNICAL DATA

Type:	Order no:	Working width: (mm)	Transport width: (mm)	Height of machine: (mm)	Length of machine (mm)	Weight (kg)	Power requirement (HP)
G-3S	9372	3 000	3 000	1 400	4 100	1 850- 2 250	300

# CHISEL PLOUGHS „MOLE FIELD”



The machine is Designed for deep loosening of the soil. This deep loosening disrupts the topsoil layer and thus improves water infiltration. The machine is equipped with NON-STOP protection for the ploughshares. The working wheels are used for depth adjustment.

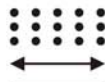
## CHISEL PLOUGHS MOLE FIELD PRODUCT DESCRIPTION



163-330 HP



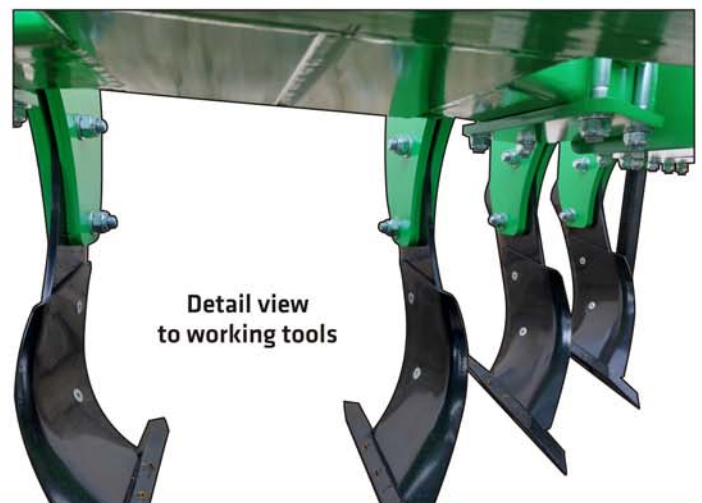
ISO II+III



2,5-4 m

### BENEFITS

- ✓ groove depth up to 55 cm
- ✓ forged chisels
- ✓ adjustable wheels



Detail view to working tools

## CHISEL PLOUGHS – MOLE FIELD – TECHNICAL DATA

Type:	Number of chisels	Order no:	Working width (mm)	Transport width: (mm)	Height of machine: (mm)	Length of machine (mm)	Weight (kg)	Power requirement (HP)
HK – 2,5/4	4	2160	2 500	2 500	1 400	1 900	1 459	163
HK – 3/4	4	9205	3 000	3 000	1 400	1 900	1 750	163
HK – 3/6	6	9357	3 000	3 000	1 400	1 900	2 100	245
HK – 4/8	8	9206	4 000	4 000	1 400	1 900	2 800	330

# SEMI-MOUNTED PULED HARROWS



Variant with harrows (40 kg)	
Type:	Order no:
PB 4-144.10 (10 m)	9015
PB 4-144.12 (12 m)	9016
PB 4-144.15 (15 m)	9017

Variant with harrows (60 kg)	
Type:	Order no:
PB 4-144.10 (10 m)	9018
PB 4-144.12 (12 m)	9019
PB 4-144.15 (15 m)	9371



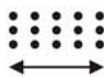
## SEMI-MOUNTED PULED HARROWS TYPE PB 4 PRODUCT DESCRIPTION



163-245 HP



ISO III



8,1–15 m

The detail of the suspension of the harrow part on the frame of the machine.

## SEMI-MOUNTED PULED HARROWS – TECHNICAL DATA

Type:	Order no:	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Weight(kg):	Power requirement (HP)
PB 4-144.10	9012	10 000	2 100	2 970	6 300	2 300	163
PB 4-144.12	9013	12 000	2 100	2 970	6 300	2 450	218
PB 4-144.15	9014	15 000	2 100	2 970	9 500	2 750	245



# Overview – agricultural machines

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The main purpose of cambridge rollers is an effective preparation of the soil profile for seeding, possibly for reversing soil consolidation. Type CV can be equipped with front leveling tines which are hydraulically set from the cab, according to the fields conditions.

Outstanding properties are ensured by heavy-duty frame and diameter of discs.

## Benefits:

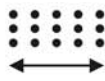
- ✓ range of working widths
- ✓ heavy-duty frame
- ✓ diameter of discs: 510 mm
- ✓ in additional: front levelling bar
- ✓ covered bearings: protection before stones
- ✓ throughout easy folding
- ✓ COC
- ✓ The machine can have colour by customer requirement: RAL



## CAMBRIDGE TRAILED ROLLERS TYPE CV PRODUCT DESCRIPTION



68-136 HP



4,5-9 m



hydraulic adjustment of levelling tines



detail: for safety folding the machine with working width (8, 9 m) is equipped by hydraulic cylinder for lowering on the axle

## CAMBRIDGE ROLLERS - TECHNICAL DATA

Type:	Order No.	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Weight (kg):	Power requirement (HP)
CV – 4,5	9156	4500	2400	1700	4100	2150	68
CV – 6	9157	6000	2400	1700	4800	2860	83
CV – 8	9158	8000	2400	1700	5555	3570	95
CV – 9	9159	9000	2400	1700	6000	4 600	136

## FRONT MOUNTED CAMBRIDGE– TECHNICAL DATA

Type:	Order No.	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Working speed (km/h):	Weight (kg):	Power requirement (HP)
CV – 3/P	9273	3000	3000	900	1650	8	1350	70
CV – 4,5/P	9274	4500	2400	2350	1650	8	2490	220
CV – 6/P	9275	6000	2400	3100	1650	8	3320	250

# Overview – agricultural machines

**N.O.P.O.Z.M.  
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Front mounted cambridge rollers with flexible ties are used with rear seedbed cultivators. Thanks to this combination you don't have to worry that your field loses humidity for the following seeding. The machine also can be in combination with rear power harrows.

Heavy-duty frame is the basic feature of this machine.

### Benefits:

- ✓ without losing attic humidity
- ✓ easy maintenance
- ✓ heavy-duty frame for stable transport
- ✓ COC
- ✓ cambridge rollers exchangeable for smooth rollers



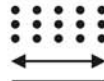
### TRAIL CAMBRIDGE ROLLERS TYPE CV PRODUCT DESCRIPTION



70-240 HP



ISO II+III



3-6 m



Cambridge rollers can be extra replaced by smooth rollers. The frame is still the same.



ADJUSTMENT  
OF FLEXIBLE  
TINES BY  
HYDRAULICALL  
CYLINDER



Front mounted cambridge roller with flexible tines.

<https://www.youtube.com/watch?v=JP3m7pyRLx0&feature=youtu.be>



**YouTube**

Type:	Order No.
HV - 4,5	9156
HV - 6	9157
HV - 8	9158
HV - 9	9159

### SMOOTH ROLLERS-TECHNICAL DATA

Type:	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Working speed (km/h):	Weight (kg):	Power requirement (HP)
HV - 4,5	4500	2400	1700	4100	10-12	2150	61
HV - 6	6000	2400	1700	4800	10-12	2860	83
HV - 8	8000	2400	1700	5555	10-12	3570	95
HV - 9	9000	2400	1700	6000	— 10 12	4600	116

# Overview – agricultural machines

**N.O.P.O.Z.M.  
Slatiňany**



Mounted meadow harrows are considered the proven machines. Due to this technology, the customer obtains the machine for preparing pastures and meadows, especially in spring. In many cases there are areas damaged by cattle. The grass grows badly and the following quality of feeding does not conform. The machine consists of frame and meadow sections. Front adjustment triangle shape board is capable of comparing inequalities.

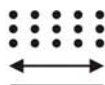
## MOUNTED MEADOWS HARROWS TYPE PB 4 PRODUCT DESCRIPTION



61-109 HP



ISO II+III



4,5-8,1 m



Transport position



<https://www.youtube.com/watch?v=AwGkiYi1UV0&t=1s>



Type:	Order No.
PB4 – 144.5	9026
PB4 – 144.51	9027
PB4 – 144.52	9028

## MOUNTED MEADOWS HARROWS-TECHNICAL DATA

Type:	Working width (mm):	Transport width (mm):	Height of machine (mm):	Length of machine (mm):	Working speed (km/h):	Weight (kg):	Power requirement (HP)
PB4 – 144.5	4500	2850	1350	1250	10	660	61
PB4 – 144.51	6300	2850	2200	1250	10	910	75
PB4 – 144.52	8100	2850	3200	1250	10	1000	109



# Overview – agricultural machines

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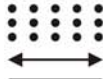


Meadow roller is a necessary machine for finishing grasslands. The drum is fitted by spikes. Due to this, one turn of the drum creates a nick for the volume of 10 liters of water. The drum can be extra filled by water. Then you can use it in hard solid conditions and be prepared for rainy weather. Longevity of the machine is guaranteed by extra steel of HARDOX. The front flexible skid bar, rear harrowing rods or the machine for intercrop sowing can be additionally customized by particular requirements. Diameter of the drum is 1000 mm.

## MEADOW ROLLERS TYPE LV PRODUCT DESCRIPTION



70 HP



3 m

### Benefits:

- ✓ HARDOX longlife steel material
- ✓ Transport wheels: RAD 400/60 – 15,5 AW
- ✓ LED lighting
- ✓ COC as standart
- ✓ The machine can have colour by customer requirement: RAL



**YouTube**

<https://www.youtube.com/watch?v=azQCw312GkM&t=1s>

### MEADOW ROLLER - TECHNICAL DATA

Type:	Order No.	Working width (mm):	Transport width (mm):	Height of machine (mm):	Lenght of machine (mm):	Weight without watter (kg):	Power requirement (HP)
LV-3	9035	2990	2990	1500	5040	2370	70
	9036	front flexible skid bar mechanically adjusment					
	9037	front flexible skid bar hydraulically adjustment					

# Overview – agricultural machines

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The planter is designed for planting garlic and onions. The machine consists of separate sections which are independently suspended on a parallelogram and they roll across the consolidating roller. Seats of operators are gripped on the frame, meaning that each sections are not loaded. Based on the customer requirements we produce planters of 2 up to 6 rows.

Distance of cloves in a row as possible:

185 / 175 / 160 / 140 / 130 / 120 mm



**YouTube**

<https://www.youtube.com/watch?v=HZK7Z38I9Js>

GARLIC PLANTERS TYPE NSC PRODUCT DESCRIPTION

GARLIC PLANTER - TECHNICAL DATA					
Type:	Order No.	No. of rows	Transport width (mm):	Line spacing (mm):	Power requirement (HP)
NSC	7287	2	<2 500	350 - 550	27
	7286	3	<2 500	350 - 550	45
	7285	4	<2 500	350 - 550	55

# MACHINES AND EQUIPMENT FOR WINTER MAINTENANCE OF ROADS

## REAR MOUNTED PLOUGH RS-250, RS-250.1, RS-300

Do you want a real top between the plows?

More than 1,300 sales of these plows, which are used for clearing snow, are a sufficient guarantee of quality.



Rear mounted plough RS-250, RS-250.1, RS-300

### REAR MOUNTED PLOUGH: TECHNICAL DATA

	Weight (kg)	Width (mm)	Height (mm)	Length (mm)	Worktop height (cm)	Power requirement (kW)
RS-250	225	2 500	1 200	1 900	52	45
RS-250.1	290	2 500	1 290	1 900	72	45
RS-300	420	3 000	1 400	2 500	72	70

Order code:

	Edge	
RS-250	Steel	6921
	Rubber	6923
RS-250.1	Steel	6927
	Rubber	6928
RS-300	Steel	6903
	Rubber	6926

### FRONT SNOW PLOWS RS-250 P RS-300 P



- are designed for aggregation with ISO II hydraulic linkages, the snow plough is controlled from the driver's cab of the tractor
- Depending on the type of energy equipment, we produce linkages of all categories and types

### FRONT SNOW PLOWS: TECHNICAL DATA

	Edge – based on customer requirement	Order no.:	Weight (kg)	Working width (m)	Height (m)	Working speed (km/h)	Power requirement (kW)
RS-250/P	Steel	6894	390	2,3-2,5	0,87	10	45
	Rubber	6894					
RS-300/P	Steel	6896	425	2,5-3	0,87	10	50
	Rubber	6896					

### additional equipment

hydraulic inclination of the shield	9177
hydraulic front linkage ISO II	9172
Support wheels 2 pcs.	9175
Reptile Ploughshare 2 pcs.	9174
the upper edge of the plough 2.5 m	9176



## REAR SWIVELLING SNOW PLOW RS-160/R, RS-200/R, RS-250/R

The rear reversible plough RS 300/R with ISO II hydraulic rotation is controlled hydraulically from the driver's seat.

We design and supply front or rear snow plows with ISO category I connection for all types of small tractors.



[https://www.youtube.com/watch?v=\\_IXmy8U7K8c](https://www.youtube.com/watch?v=_IXmy8U7K8c)

### REAR SWIVELLING SNOW PLOW: TECHNICAL DATA

	Edge	Order no:	Weight (kg)	Width: (m)	Height: (mm)	Worktop height (cm)	power requirement (kW)
RS 160/R	Steel	6916	156	1,15 - 1,6	1 100	52	15
	Rubber	6920					
RS 200/R	Steel	6905	166	1,5 - 2,0	1 100	52	18
	Rubber	6907					
RS 250/R	Steel	6899	225	1,5 - 2,5	1 100	52	30
	Rubber	6897					

### REAR SWIVELLING SNOW PLOW: TECHNICAL DATA

	Weight (kg)	Width (mm)	Height (mm)	Length (mm)	Worktop height (cm)	power requirement (kW)
RS-300/R	420	3 000	1 500	1 900	72	50

Order no.:

6908	RS-300/R Rear pivoting snow plough with steel blade
6910	RS-300/R Rear pivoting snow plough with rubber blade

### FRONT SNOW PLOW: TECHNICAL DATA

	Order no.:	Weight (kg)	Width: (mm)	Height: (mm)	Length: (mm)	power requirement (kW)
RS-130 P	6891	175	1 300	520	1 900	16
RS-160 P	6892	190	1 600	520	1 900	20
RS-200 P	6893	204	2 000	520	2 500	25

### additional equipment

hydraulic inclination of the shield	9177
hydraulic front linkage ISO I	9172
Support wheels 2 pcs.	9175
Reptile Ploughshare 2 pcs.	9174



# BUILDING MACHINES

## GRADER HERKULES PLUS

The design solution allows the machine to be used in places where large working machines cannot work. This applies primarily to closed spaces in halls and yards. This machine also allows the blade to be extended beyond the tractor's boundary line and thus work on the nearest perimeter wall. Independently suspended wheels (in addition to equipment), controlled by independent hydraulic circuits, in conjunction with laser guidance, enable leveling in the transverse and longitudinal direction in one pass.



**YouTube**  
<https://youtu.be/TF84YYT-gDk>

## GRADER HERKULES SUPER

Machine designed for aggregation with a tractor, possibly with an energy source, and equipped with a hydraulic three-point linkage. Robust machine frame enables demanding work in the field. Frame length increases machine stability. All machine functions are hydraulically controlled from the tractor cab. This machine is designed primarily for building field and forest roads. When using laser guidance, it is possible to level building sites with the machine by driving over it in the longitudinal and transverse axes. The advantage of the machine design is the ability to extend the blade outside the tractor boundary line. In this way, it is possible to carry out work in the immediate vicinity of the perimeter walls of the buildings. Wide wheels ensure high clearance in the terrain.



**YouTube**  
[https://youtu.be/D8mqj3\\_gYAw](https://youtu.be/D8mqj3_gYAw)

## GRADER HERKULES FRONT

is a mounted front blade, which is suitable for aggregation with a shift-controlled loader, telescopic manipulator, or front loader. The blade can be swiveled lengthwise and scrape material to the side. Cross-blade swiveling in conjunction with laser guidance enables leveling of the land in the cross and length directions in one pass. Considering the dimensions of the device, it is possible to use it for leveling open plots and also for work inside buildings.



**YouTube**  
<https://youtu.be/ZsQKzCOuqak>



## PLATE VIBRATORY COMPACTOR

The machine is designed for landscaping and work on roads and paths.



GRADER: TECHNICAL DATA

	Weight (kg)	Working width (mm)	Blade rotation angle (°)	Lateral tilting (°)	Reach beyond the contour of the tractor (mm)	Power requirement (kW)
Herkules PLUS	785	2 500	180	± 20	1 200	55
Herkules SUPER	980	2 500	180	± 20	1 200	70
Herkules FRONT	350	2 200 - 3 000	± 27	± 20	-	35

PLATE VIBRATORY COMPACTOR: TECHNICAL DATA

RP 220	Order no:	Weight (kg)	Working width (mm)	Tightening (kN)	PTO (rot/min)	Power requirement (kW)	Frequency (Hz)
	9276	830	2 200	2x20	540	min. 40	50

# SMART SOLUTIONS FOR AGRICULTURAL

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