

LINIJE ZA POVRĆE

(eng vr)

ENG_1/2024



The hopper is used to collect products from boxes turned by a forklift turntable or to receive vegetables from the WHM 700/1500/1800 tipper (square version). The hopper is equipped with a strong Chevron tape, 40/65/80/100 cm wide, and carriers (16 mm high profile). Optionally, the belt can be equipped with an inverter to regulate the travel speed and 6-roll soil separator. As standard, the soil separator has a fixed span; as an option it can be adjusted in the range of 10-70 mm. In the second case, each roller has its own motor and the speed can be adjusted in 2 ways: all with one inverter or alternating rollers with 2 inverters. The separator angle can be mechanically adjusted in the hopper. The height of the hopper can be adjusted from 96 to 130 cm (height at the exit of the belt from the hopper).

OPTIONAL EQUIPMENT:

- Adjusting the speed of the sifter rollers;
- Adjusting the speed of the sorter rollers;
- Smooth regulation of the rotation of the cross belts;
- Layer thickness sensor (automatically regulates the belt speed).



Square version of the tank



Rubber rollers



Polyurethane rollers with variable spacing



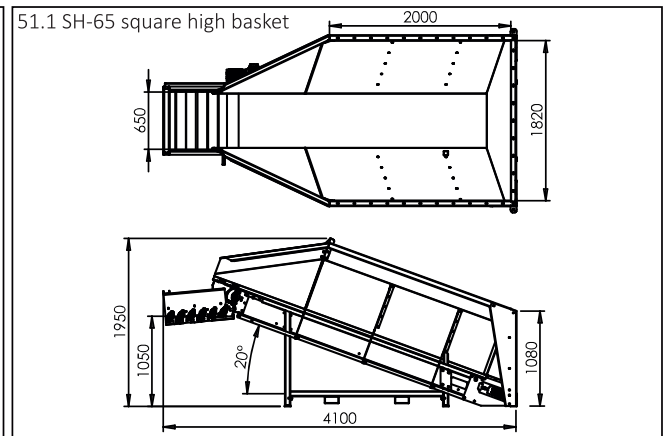
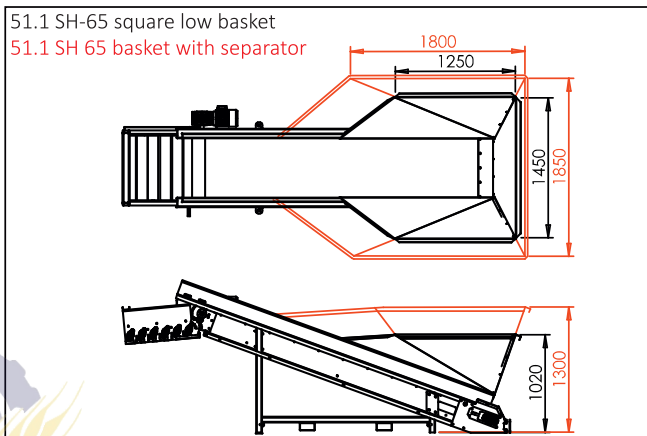
Bunker with a permanent separator



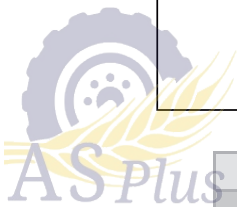
Bunker covered with rubber to protect vegetables



Bunker with adjustable separator



Type	SH 40	SH 65	SH 80	SH 100
BASIC PARAMETERS				
L (with separator)/W/W inside/H [cm]	410 x 175 x 160 x 195	410 x 200 x 185 x 195	410 x 215 x 200 x 195	410 x 235 x 220 x 195
Belt Width [cm]	40	65	80	100
Weight [kg]	630	750	850	950
Capacity	2,5 m ³ /700 kg	3m ³ / 1000 kg	3m ³ /1200 kg	4 m ³ /1500 kg
Installed power	2,5 kW/5A		3kW/6A	
Power supply	3x400 V + N +PE, pin 5x16A			



The machine is used to unload trailers with rear tipping. The basket is made of a welded frame made of profiled sheet metal. The self-unloading hopper is equipped in two pneumatic wheels and a detachable drawbar. The width of the main tape, depending on the model, is: 120-240 cm. Smooth regulation of the speed of the main conveyor belt in the range from 0.4 m to 4.5 m/min. The entire assembly 3 T consists of a total of 14 spiral rollers made of rubber or PU (7 sifter and 7 sorting rollers) with the possibility of smooth adjustment of the gaps.

OPTIONAL EQUIPMENT:

- Adjusting the speed of the sifter rollers;
- Adjusting the speed of the sorter rollers;
- Infinitely variable adjustment
- Layer thickness sensor (automatically regulates the belt speed).



MODEL	KRM 1200	KRM 1200 3 T	KRM 1700	KRM 1700 3T	KRM 2000	KRM 2000 3T	KRM 2400	KRM 2400 3T
Capacity [m3]	8		10		12		20	
Tape width [mm]	1200		1700		2000		2400	
	4000				4500		6500	
Belt speed [m/min]	0,5-4,5				0,4-3,2			
SIFTING / CALIBRATION								
Length of the rollers [mm]	1400		1900		2200		2600	
Number of the rolls (pcs.)	7	14	7	14	7	14	7	14
DIMENSIONS								
L/W/H [mm]	2900x5700x2800	2900x6400x2800	3400x5700x2800	3400x6400x2800	7000x3000x2900	7000x3500x2900	8000x3600x3400	
Weight [t]	1,9	2	2,3	2,5	4		5	
POWER SUPPLY								
Power supply	3x400 V+N+PE							
Installed power	5kW/15A	7 kW/17,5A	8kW/20A	9kW/ 22A	9kW/22A	12kW/30A	10kW/25A	13kW/32A



The tippler is used to unload boxes with maximum base dimensions (L/W/H) 100x120x100 cm (WHM-700), 120x160x140 cm (WHM-1500), 120x180x140 cm (WHM-2400). Depending on the model, the tippler is adapted to work with, among others, the K-40, K-50 or SH type receiving hopper. Additionally, it can be set in line in one of three working directions relative to the tipper: straight-ahead, to the right and to the left. The machine uses a hydraulic power supply that enables remote (wired) control of lifting and lowering the box. Optionally, the machine can be equipped with additional actuators to increase the emptying tilt angle to 180 degrees (standard is 130 degrees), which ensures free movement of products.

BASIC PARAMETERS:

- Productivity: 20-30 cycles/h;
- Lifting capacity: 700/1500/1800/2400 kg;
- LxWxH: 240x240/260/280x180 cm;
- Weight: 500/800/1100/1200 kg;
- Installed power: 2,5 kW/5A;
- Power supply: 3x400V+N+PE, pin 5x16A.

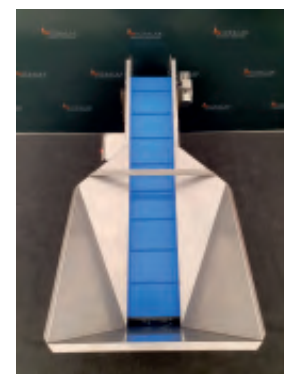


K-type hopper adapted to work with WHM 700/WHM 1500 hydraulic tippers. The design of the machine allows work in three directions in relation to the tippers: straight-ahead, to the left and to the right. Depending on the type of hopper, the capacity is approx.: 1 m³ (K-40) and 1.53 m³ (K-50). The machine is equipped with a 40 cm (K-40) or 50 cm (K-50) wide PVC belt with 20 mm or 30 mm flights, depending on the model. As an option, the hopper can be equipped with a separator (6 rollers), a photocell and smooth belt speed regulation. Hopper inside can be lined with PVC foam or rubber.

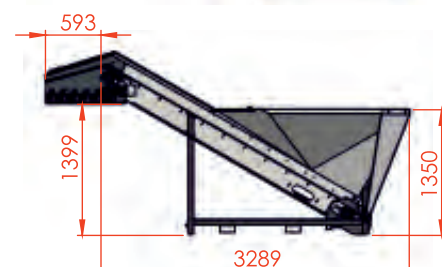
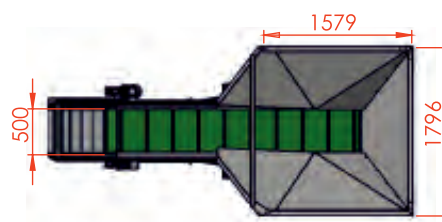
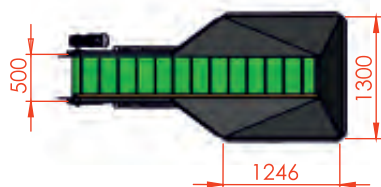
BASIC PARAMETERS:

- Weight [kg]: 230/420;
- Capacity approx.: 200 kg/ 1.5 m³;
- Installed power: 1 kW/4 A;
- Power supply: 3x400 V+N+PE, pin 5x16A.

K-40



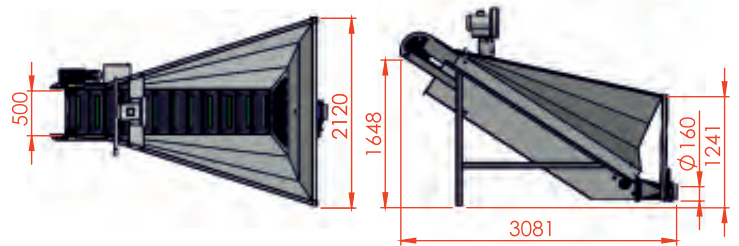
K-50



KWM 50 used to receive vegetables in a water bath, providing protection against damage. Vegetables are transported using a rod conveyor. In the option, dirty water is drained automatically from the tank by opening a solenoid valve, and the water level is regulated by sensors. As standard, the drain valve is opened mechanically. The device requires connection to a compressor with a capacity of 200 l. Aerated water (jacuzzi effect) pre-washes the product. Optionally, you can use a solenoid valve for filling the tank, electronic water level control and an air turbine.

BASIC PARAMETERS:

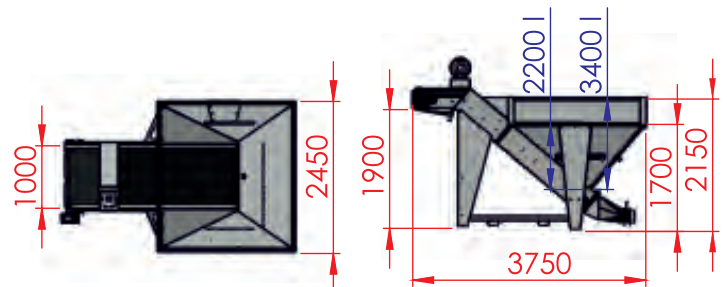
- L/W/H [cm]: 308x215x190;
- Width rod conveyor: 50 cm, flights 5 cm ;
- Capacity [m3] : 1,5;
- Weight [kg]: 560 ;
- Installed power: 1,5 kW/3 A;
- Power supply: 3x400 V + N+PE, pin 5x16 A.



The capacity of the hopper (3.5 m3) allows you to accept a large portion of vegetables at one time, which, placed in water, are protected against mechanical damage. Vegetables are transported using a rod conveyor. Dirty water is drained from the tank automatically by opening the solenoid valve. It is opened cyclically, the frequency and opening time are set by the user. The water level in the tank is regulated by sensors. The machine is equipped with electronic water level control, an air turbine and solenoid valve for filling up.

BASIC PARAMETERS:

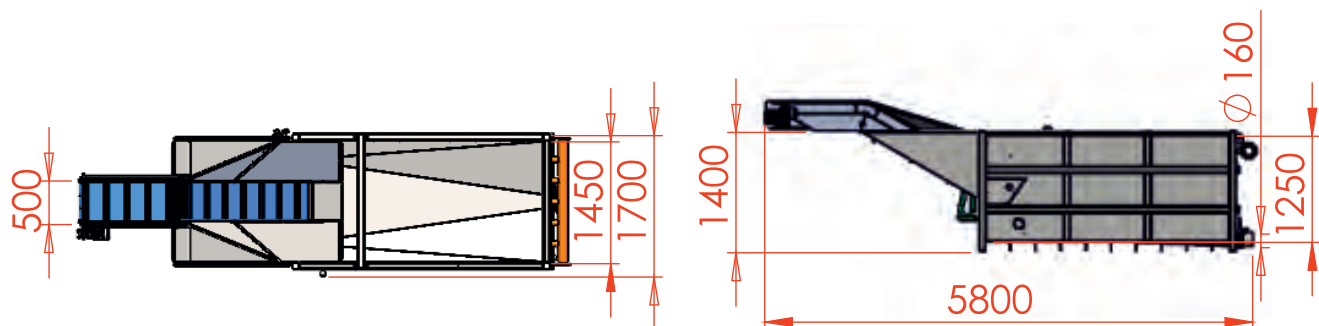
- L/W/H [cm]: 375x245x240;
- Width rod conveyor: 100 cm, flights 5 cm;
- Capacity [m3] : 3,5 m3;
- Weight [kg]: 1200 kg;
- Installed power: 4 kW/8A;
- Power supply: 3x400 V + N+PE, pin 5x32 A.



The wet unloading bath allows you to unload boxes in a water bath. The construction of the machine allows the box to be placed at the bottom of the tank and the product to gently flow out, then move it to the receiving belt. The receiving tape (gooseneck construction) is a special "lego" type mat that allows water to pass through. There are flights (50 mm high) to support the products. The Type 5000 used for vegetables with a delicate structure, eliminating the risk of damaging their external part. As standard, a drain valve (mechanical or manual) with a diameter of 200 mm is installed for emptying the bathtub (optional: electro-pneumatic valve with cyclic opening, adjustable machine remote control). The belt speed is smoothly adjustable.

BASIC PARAMETERS:

- „Lego” » tape, width 50 cm;
- Total L/W/working H/H [cm]: 580x (170/140) x180;
- Weight [kg]: 1100 ;
- Capacity: 5 m3 of water (for 1 box) max. 100 cm;
- Installed power: 4 kW/8A;
- Power supply: 3x400 V + N+PE, pin 5x32A.



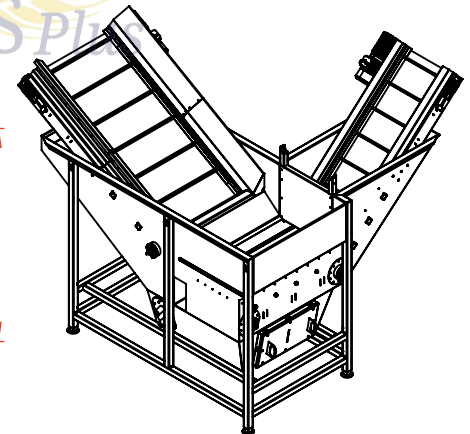
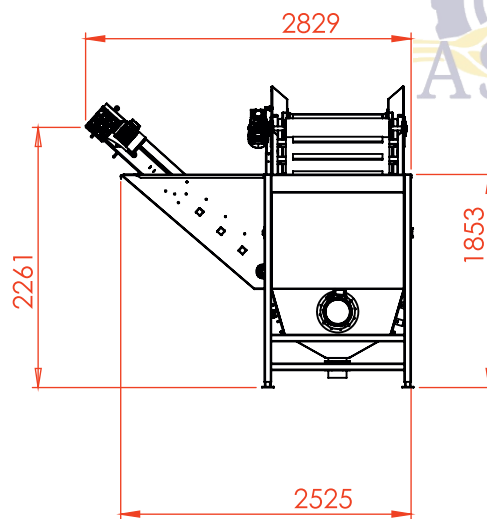
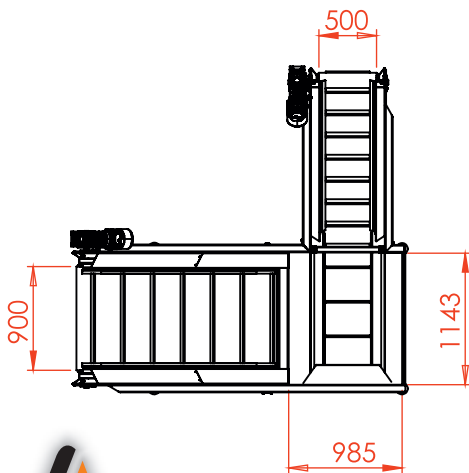
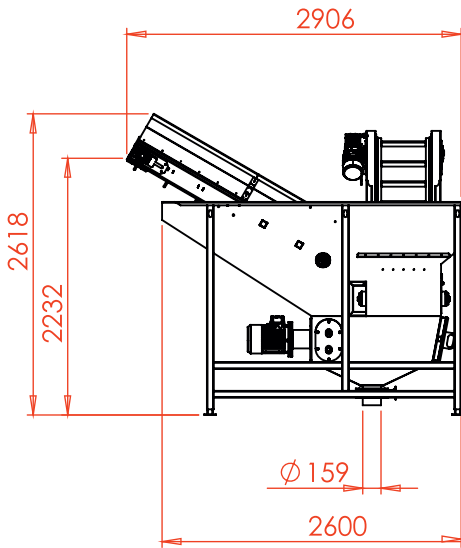
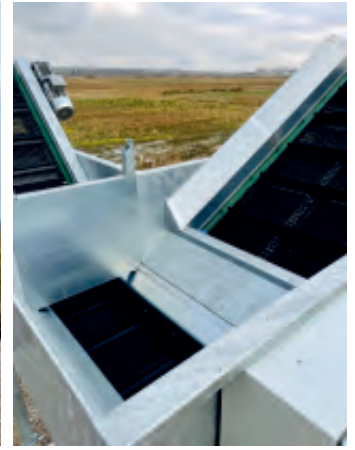
The machine is used to automatically separate stones from vegetables. The working element is a propeller, which rotates and creates a whirlpool. The difference in a weight between the vegetable and the stone causes the stones to sink to the bottom. Vegetables floating on the water surface are transported by a rod conveyor to the next machine, while stones are transported by a rod conveyor (50 cm wide) to a box. The machine's structure is made of galvanized steel, optionally made of stainless steel.

BASIC PARAMETERS:

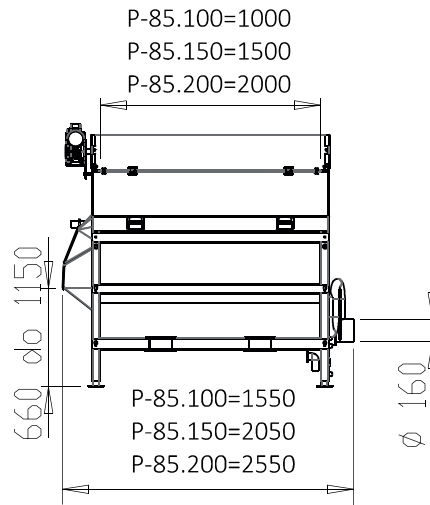
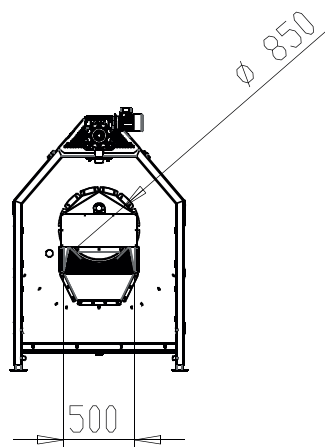
- Galvanized steel ;
- Weight [kg] 1300 ;
- Installed power [kW]: 11.

BASIC EQUIPMENT :

- Stone conveyor [cm]: 50;
- Product conveyor [cm] 90;
- 2 separate variable speed drives;
- Pneumatic drain valve.



The machine is used for pre-washing root vegetables. The working element is a metal, perforated drum. Washing vegetables can be done in two ways: by water bath (the drum is immersed in water) or by continuous spraying with clean water. The diameter of the P-85 washer drum is 85 cm, length 100/150/200 cm. External side covers open for easy cleaning. The drum is driven by belts placed on both sides. An inverter that regulates the operating speed allows you to adapt the machine to the requirements of a specific product, including vegetables with a delicate structure. The outlet from the scrubber has a special design with a drip sheet and ensures greater comfort of work for users. To achieve optimal results, the machine is combined in washing lines with brushes (bathtub or flat), which will also complete the washing and polishing of the vegetables.



BASIC PARAMETERS:

Type	P-85.100	P-85.150	P-85.200
Productivity [t/h]	0,5	1	1,5
L/W [cm]	170/125	220/125	270/125
Weight [kg]	420	490	600
Installed Power [kW]		1,5	
Water [m ³ /h]	8	12	16



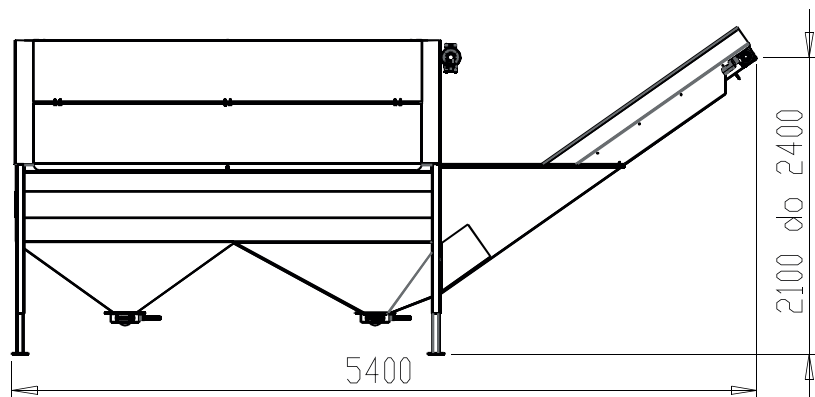
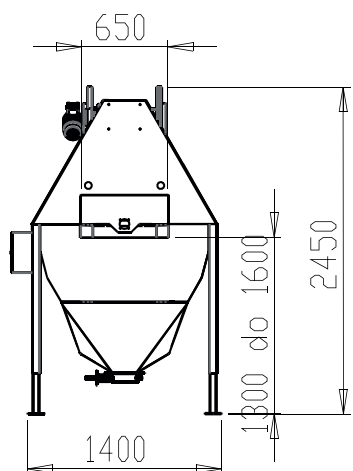
Vegetables are washed in a drum (100x300 cm) made of perforated sheet metal and can be done in two ways: in a bath and/or with continuous spraying of water from the network. The machine works well in technological lines. At the outlet, the washer is equipped with a selection belt (50 cm wide) with a sprinkler. The rotational speed of the drum and the selecting belt is adjusted using an inverter. Productivity is approx. 5 t/hour. and, depends on the possibility of serving the vegetables, their receipt, as well as the degree of soiling of the product. The scrubber has a bathtub consisting of 2 settling funnels, emptied using valves; opened mechanically or electrically (option) with a pneumatic drive configured with a PLC controller, which can be used to set the frequency and time for which the valves will be opened.

BASIC PARAMETERS :

- L/W/H [cm] : 540/640 x 150 x 245;
- Productivity [t/h] : 5-7 ;
- Weight [kg] : 1100/1500 ;
- Installed power : 3kW/ 6A;
- Power supply: 3x400V+N+PE, pin 5x32A.

BASIC EQUIPMENT :

- Adjustable drum revolutions;
- Adjustment of the speed of the selecting belt ;
- Sprinkler system on the selection belt;
- Clean water spraying system along the entire length of the drum.



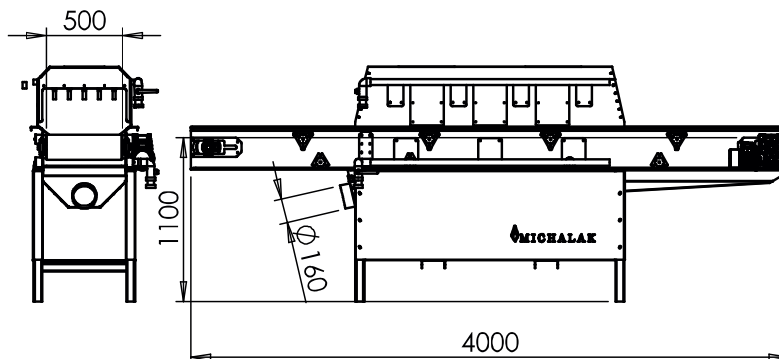
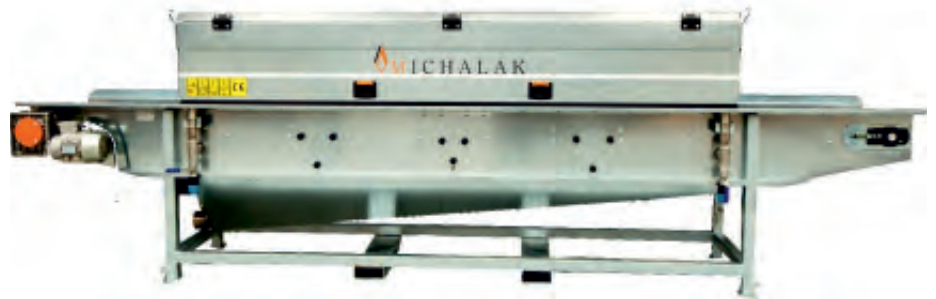
This machine is used for washing spring vegetables (in the bunch) or boxes and seedling pallets. Vegetables are applied onto a rod or mesh belt, then they pass through a spray chamber equipped with a spraying system, where they are rinsed carefully. The spraying system is equipped with the jets of a variable angle (cleans products perfectly). In order to obtain the best effect of rinsing vegetables, the machine must be connected to the water supply network with high water flow (pressure must be high). Otherwise, within optional equipment, it is possible to order a recycling bath with 2 large pumps which ensure required pressure for the good quality of the machine operation. Simple machine structure enables easy cleaning and maintaining.

BASIC PARAMETERS :

- L/W/H [cm] : 400/450 x 50/65 x 160;
- Weight [kg]: 400/500;
- Working width of the belt [cm]: 50/65;
- Belt speed [m/min]: 2-12;
- Installed power [kW]: 1,5;
- Power supply : 3x400 V+N+PE.

BASIC EQUIPMENT :

- Galvanized structure ;
- Infinitely variable adjustment of the belt speed;
- brass sprinklers.



S2190 and S2290 is designed for washing/brushing pumpkins. Equipped with 2 brushes (diameter 350 mm) with adjustable gap (depending on the size of the product). Each brush has its own speed regulation, adjustment of the direction of work and an independent drive. The machine is equipped with a brass sprinkler system (6 or 9 adjustable nozzles depending on the model). As an option, the machine can be equipped with water recycling.

BASIC PARAMETERS:

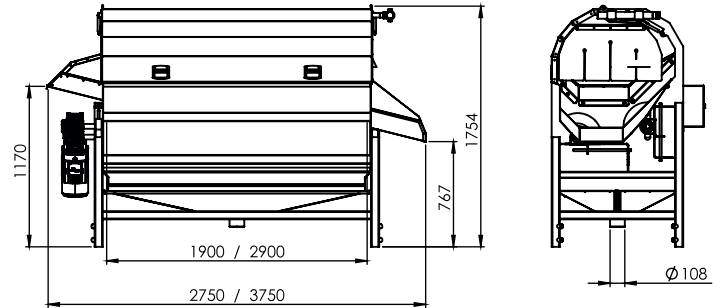
- L/W/H [cm] : 275, 375/100/175;
- Weight [kg] : 500/640 ;
- Installed power : 3 kW/6A;
- Power supply : 3X400V+N+PE, pin 9+32A.

BASIC EQUIPMANT :

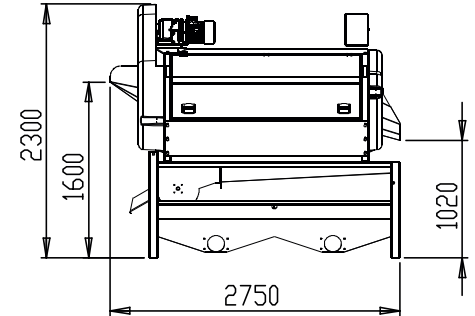
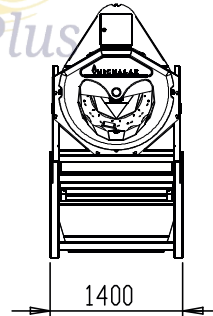
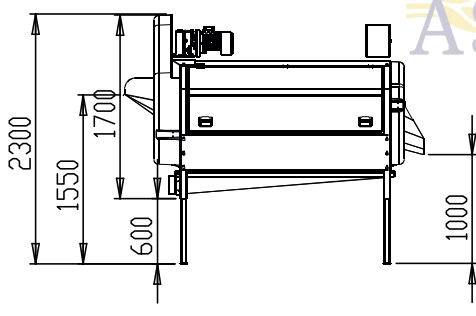
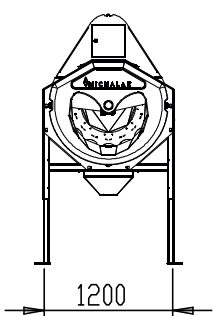
- Brass sprinklers with angle adjustment and pressure force;
- 2 independent drives (one for each brush);
- Gutter for water with outlet 110 mm ;
- Supply valve (1.5 inch).

OPCIONAL EQUIPMANT :

- Water recycling tub;
- Stainless structure.



Machine for polishing, brushing, cleaning pre-washed root vegetables in a washer or after wet unloading in a water hopper. The brushing process takes place in a drum made of cylindrical brushes (depending on the model: 7 or 9 pcs.), mounted in a U-shape. A wide range of brush hardnesses. Vegetables sprayed with clean water from the network or water pumped from a recycling bath (in the option). In the « dry brushing » version, the machine is additionally equipped with a spiral brush that makes it easier to move vegetables to the exit. The machine is an important element in the technological line; dedicated to smaller farms. The productivity of the machine, depending on the model, is 1.5; 2; 3 t/h. The rotational speed of the brushes is adjusted using an inverter. The brush length is 190 or 290 cm (depending on the model). Optionally, the machine may have electric tilt angle adjustment and water recycling.

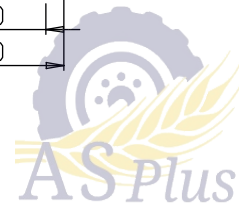
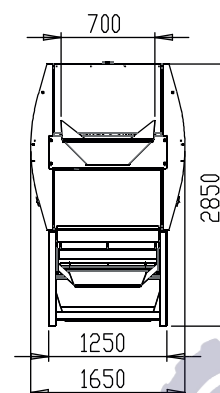
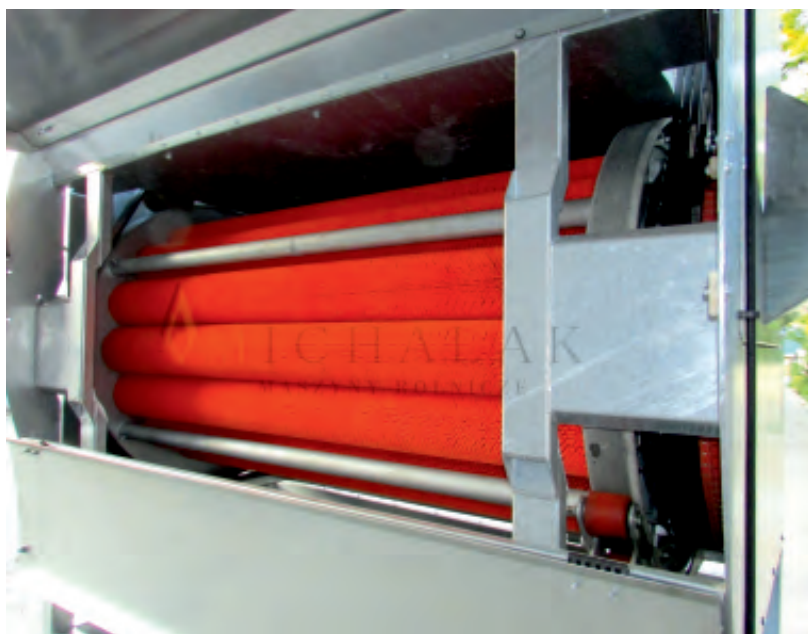


BASIC PARAMETERS :

Type	S7190	S9190	S9290
Productivity [t/h]	1,5	2	3
L/W/H [cm]	275/125/230	275/125/230	375/125/230
Weight [kg]	900	950	1300
Installed power [kW]	4		6
Power Supply	3x400 V+N+PE pin 5x32A		

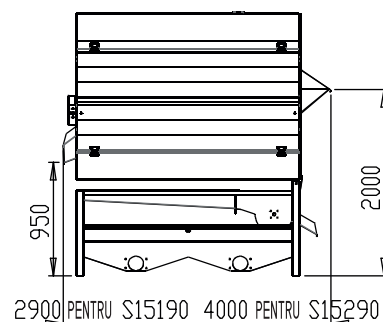


The machine is used for polishing, brushing and cleaning root vegetables, pre-washed in a washer or after wet unloading in a water hopper. Brushing takes place in a rotating drum made of cylindrical brushes rotating opposite to the drum, with continuous water spraying. 75% of brush length is sprayed with water pumped from the machine bath in a closed circuit, and the remaining part is sprayed with clean water from the water supply network. The speed of the brushes and drum can be smoothly adjusted with inverters, which allows you to adapt the operating mode to any type of vegetables (even those with very delicate skin). The machine is equipped with water recycling as standard. The S15190 model has 15 brushes with a length of 190 cm, and the S15290 has a length of 290 cm.



BASIC PARAMETERS:

Type	S15190	S15290
Productivity [t/h]	5	7
L/W/H [cm]	290x165x285	390x165x285
Weight [kg]	2500	3500
Install power	10 kW/20A	15kW/30A
Power supply	3x400 V+N+PE, pin 5x32A	



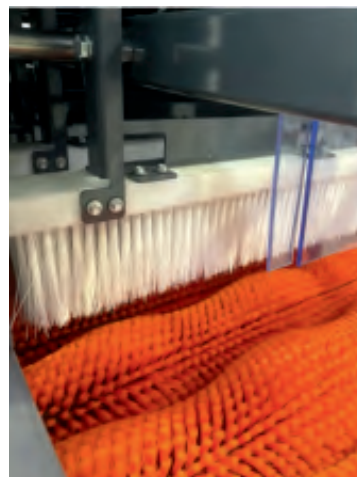
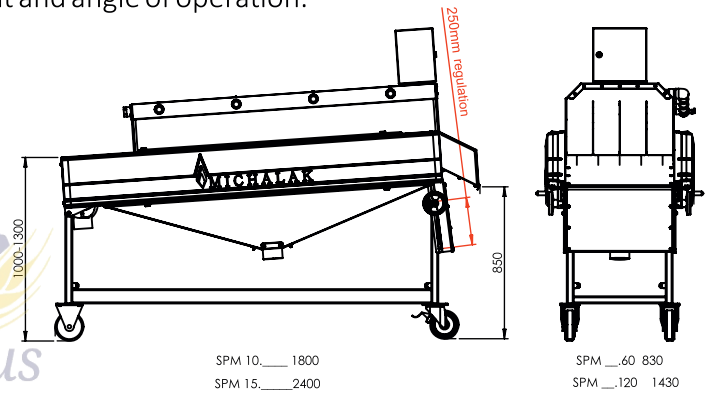
2900 PENTRU S15190 4000 PENTRU S15290



SPM is used to clean round vegetables. It brushes products gently, not damaging their skin. If vegetables are heavily stained or soil is sticky, in order to achieve a satisfactory work result, it is recommended to use a rinsing machine earlier or a hopper for water unloading. This machine is equipped with 10 or 15 corrugated brushes with the width of 60, 80 or 120 cm. Possible selection of brush hardness and machine operating angle. The "wet" version of the machine is equipped with a water shower and a bathtub for water drainage; "dry" version- an apron pressing the vegetables to the brushes; optionally a counter-brush with adjustable height and angle of operation.

BASIC EQUIPMENT:

- Wired control panel (4 m long wire) ;
- Infinitely variable adjustment of the brushes speed ;
- Adjusting the working angle of the machine;
- Rubber apron pressing vegetables « dry version » ;
- Tunnel with spraying nozzles « wet version »



BASIC PARAMETERS:

Type SPM	10.60	10.120	15.60	15.120
Dimension	180x83x175	180x143x175	240x83x175	240x143x175
Weight [kg]	250	350	400	500
Installed power	1,1 kW/3 A	1,5 kW/3,7 A		2,2 kW/5 A
Power supply	3x400 V+N+PE, pin 5x16A			



The machine is used to cut chives and dried onion skins. The working elements are metal grates and rotating propellers, depending on the model: 1, 2, 3 pcs. The stable structure is made of thick sheet metal, powder painting. The working angle and the height of the propeller from the grate can be adjusted using screws. The machine is additionally equipped with a waste belt placed under the grate.

BASIC PARAMETERS :

– L/W/H[cm]

OSM-1: 185/144/183

OSM-2: 285/144/183

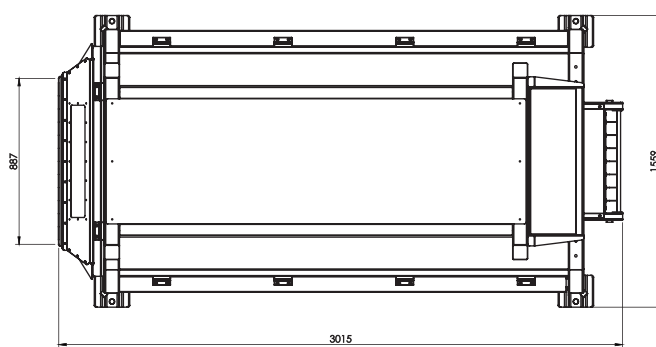
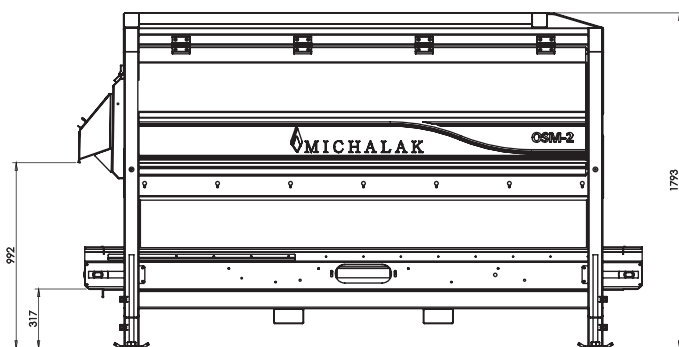
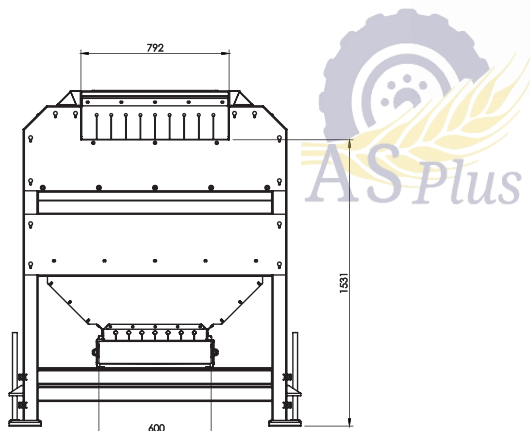
OSM-3: 448/144/183

– NO. propellers (psc.) : 1, 2, 3 ;

– Waste belt (L/W) cm: 60x300;

– Installed power: 8 kW/18A;

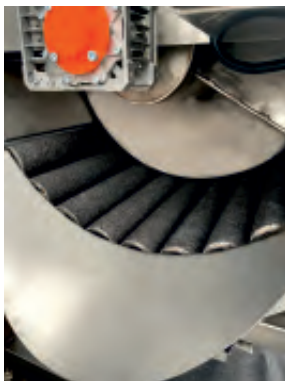
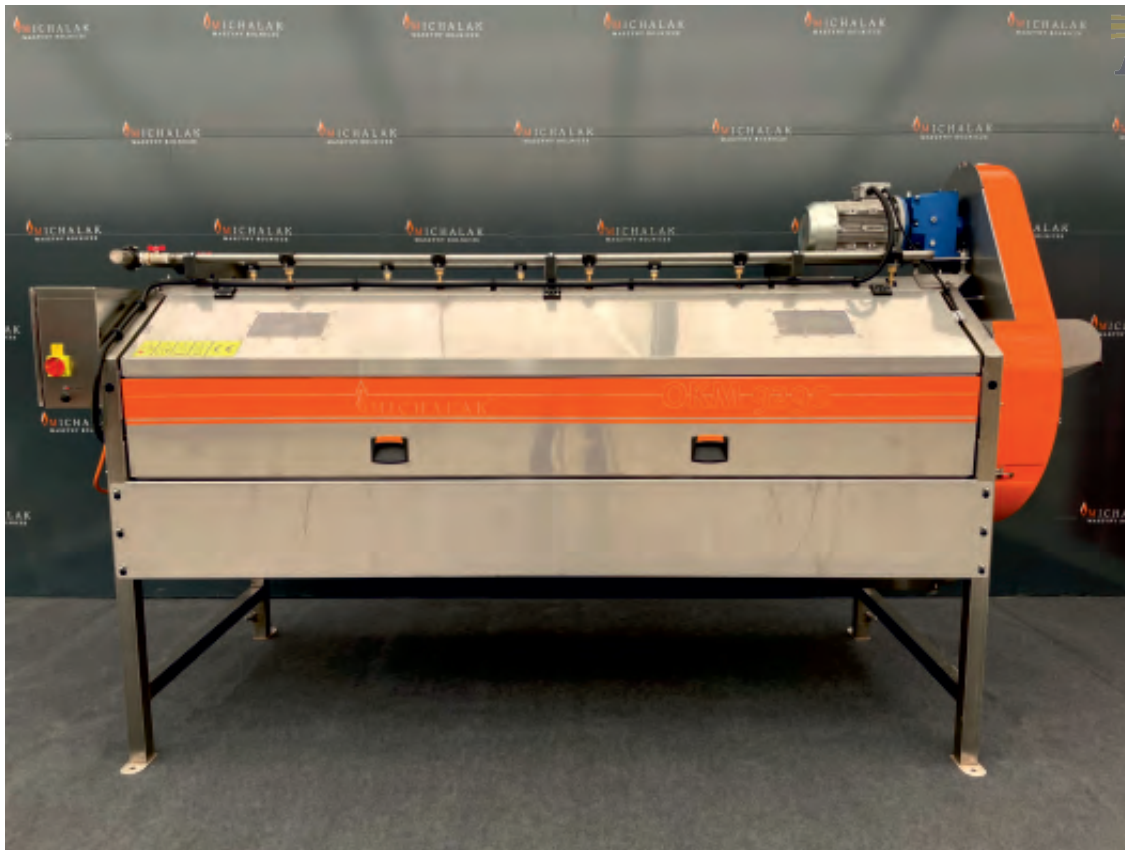
– Power supply: 3x 400, pin 32 A.



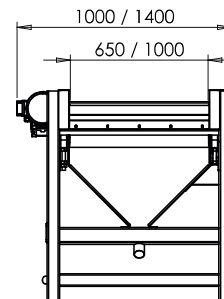
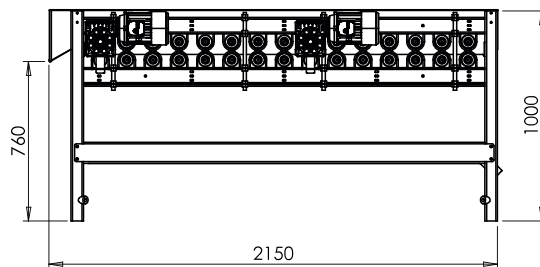
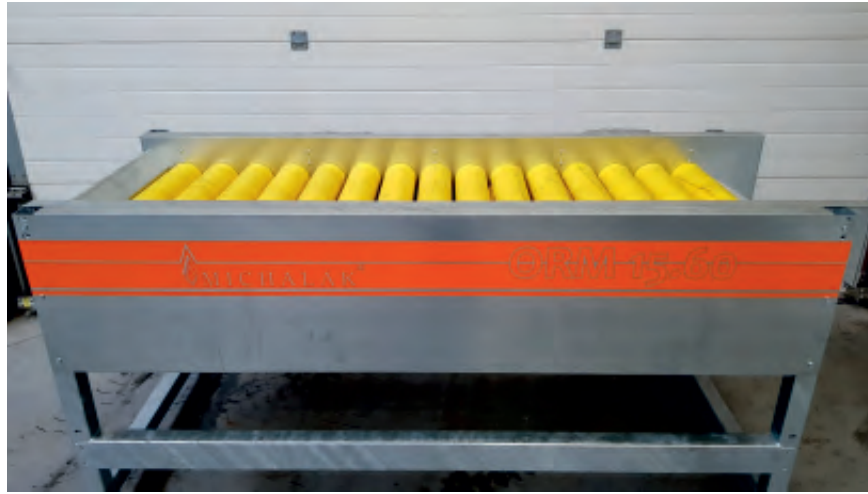
The machine is used for industrial grating of root vegetables. The top layer of the product is abraded using corundum rollers and a special screw design of the machine, which is divided into chambers. During rotation, the vegetables stop and rub against the abrasive rollers. The process takes place continuously, and the sprinkler system systematically rinses the vegetables. The rotation speed of the corundum rollers and the screw structure is infinitely variable adjustment. It is advisable to complete the grating process by rinsing and brushing the vegetables using a washer and a brush.

BASIC PARAMETERS:

- L/W/H [cm]: 2750/3800x1200x2300;
- Productivity [kg/h: OKM9190: to 500 OKM 9290: to 700;
- NO. corundum rollers: 9 pcs; diameter 100 mm;
- Installed power: 5 kW/10A;
- Power supply: 3x400V+ N + PE, pin 5x32 A.



This roller drying machine enables drying of wet vegetables on 10 or 15 rotating rollers (width : 60 or 120 cm) coated with synthetic felt. The pressure rollers additionally drain excess water, which then flows into the bathtub located at the bottom of the machine. The dryer structure is made of galvanized steel (optional- stainless steel). The machine is driven by 2 gear-motors.

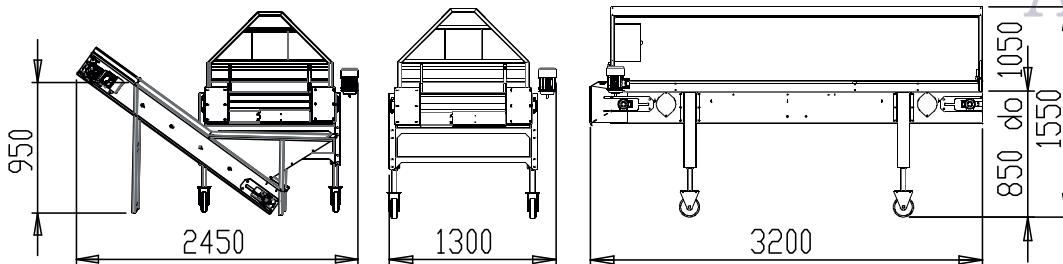
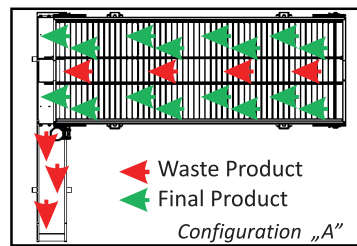
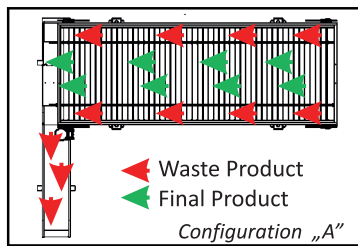


BASIC PARAMETERS:

Type	L/W/H [cm]	NO. Of rollers [pcs.]	Productivity max. [t/h]	Weight (kg)	Installed power
ORM 10.60	150/104/100	10	3	360	0,75kW/ 2A
ORM 10.120	150/164/100		6	450	1,5kW/ 3,5A
ORM 15.60	220/104/100	15	8	490	2kW/ 5A
ORM 15.12	220/164/100		12	650	3kW/ 6A



A table used in technological lines for manual sorting of vegetables. It has two movable scales, which allows you to change the configuration of operation. Optionally, a cross conveyor for transporting waste to e.g. boxes. Smooth regulation of roller/belt speed. The chute can be adapted to the WPM weighing machine. Standard table dimensions (L x W): 100x300 cm/80x300 cm, depending on needs, size can be changed. Galvanized table structure, optionally made of stainless steel.



Rollers table

Type	Rollers width [cm]	Working lenght [cm]	Weight kg	Installed power	Power supply
10x300	100	300	400	1kW/2,5 A	3x400V+N+PE, pin 5x16A
80x200	80	200	250	0,75kW/2A	
80x250	80	250	300	0,75kW/2A	
80x300	80	300	350	1kW/2,5A	
80x400	80	400	400	1kW/2,5A	
100x200	100	200	270	0,75kW/2A	
100x250	100	250	320	0,75kW/2A	
100x250 PS	100	250	350	1kW/2,5A	
100x400	100	400	470	1kW/2,5A	

Band table

BASIC PARAMETERS: Type	Working width [cm]	Working length [cm]	Weight [kg]
60x300 PVC	60	300	280
60x400 PVC	60	400	350
80x200 PVC	80	200	280
80x300 PVC	80	300	300
80x400 PVC	80	400	370
100x300 PVC	100	300	350

- Galvanized structure;
- Smooth regulation of the roller speed (roller table);
- Constant belt speed approx. 7,5m/min (belt table);
- lights;
- 4 wheels with brake;

Round table Type: SO-2

Round tables for manual collection of vegetables or various types of packaging, e.g. bags, boxes. Tabletop made of galvanized steel (stainless steel optional). It is equipped with 3 feet (adjustable height). Table rotation speed – adjustable. Optionally, a polyurethane edge for collecting loose products or a curved conical top.

BASIC PARAMETERS :

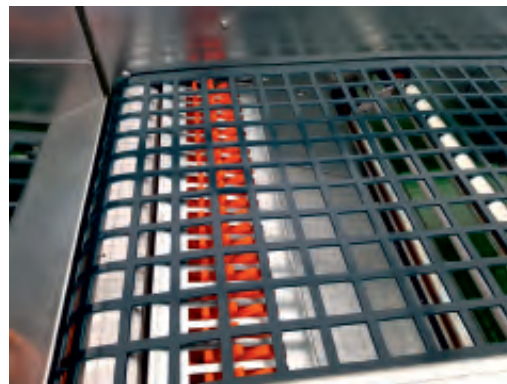
- L/W/H [cm]: 200x200x90;
- Weight [kg]: 150;
- Installed power : 0,55 kW/ 1,6 A;
- Power supply : 3x400 V + N+ PE, pin 5x16 A.



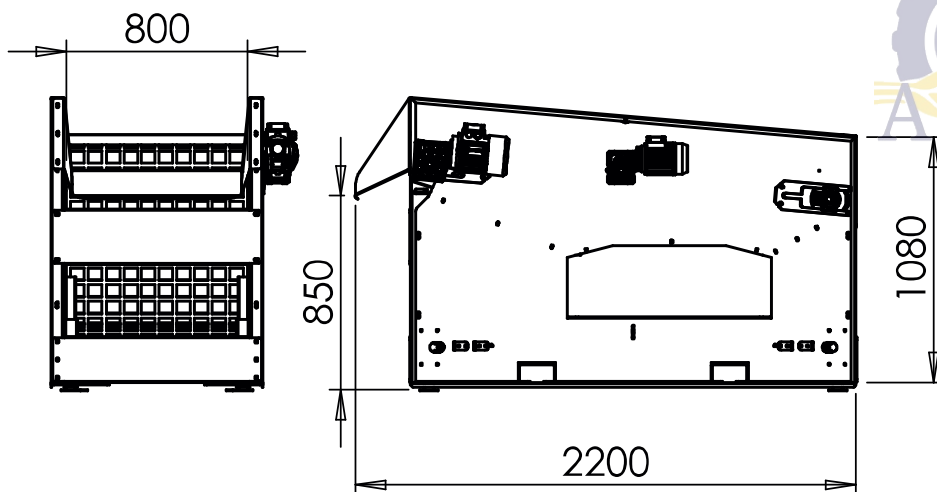
STM type belt sorting machine is intended for sorting round vegetables. The machine is equipped with a rubber mesh belt with calibrate from 20x20 mm to 60x60 mm (square or round hole). It is possible to connect several belt sorters in one line, thanks to which the product will be separated into fractions in one work flow. As a standard, the machine is equipped with a chute to collect sorted products, and an optional belt conveyor. Standard working width of the sorter is 80 cm.

BASIC PARAMETERS:

- L/W/H [cm]: 220x125x190;
- Weight [kg]: 250;
- Installed power: 2,5 kW/5A;
- Power supply: 3x400V+N+PE.



3 x STM-80 + belt conveyors



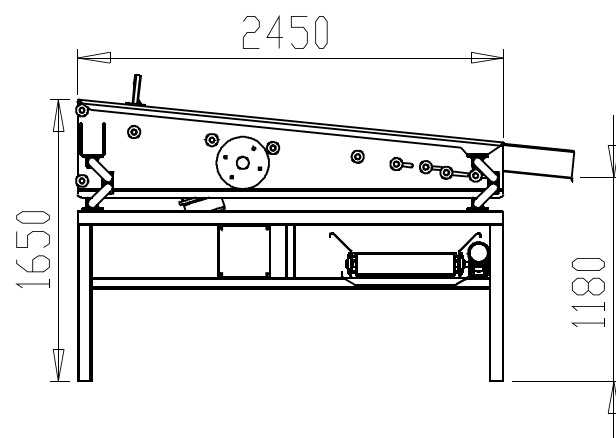
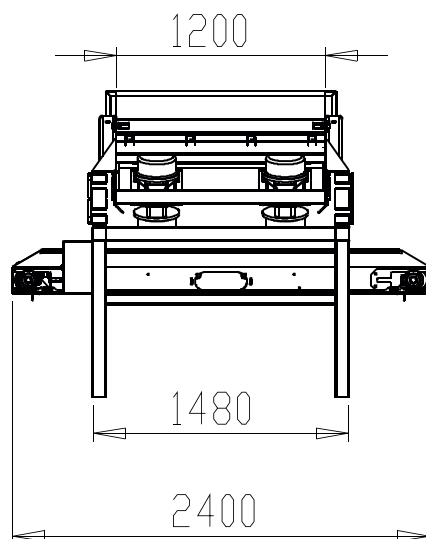
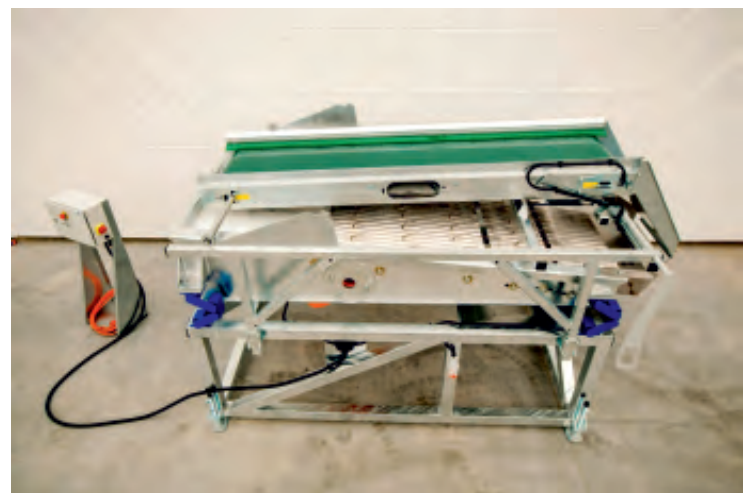
This longitudinal sorting machine is used for the calibration of longitudinal shape vegetables (carrot, parsley root, etc.) depending on their length. These sorting machines are used mostly for rejecting broken or too short vegetables. Vegetables are sorted by sliding them along the properly profiled stainless steel board. Vegetables are moved by vibrations whose frequency may be adjusted by means of an inverter. Vegetables with the length shorter than the gap set fall onto the crosswise conveyor and they are transported to e.g. boxes.

BASIC PARAMETERS:

- L/W/H [cm] : 245x250 (with belt)x150;
- Productivity [kg/h]: approx. 5;
- Weight [kg]: 700 kg;
- Installed power: 4kW/8A;
- Power supply: 3x400V+N+PE pin 5x32A.

BASIC EQUIPMENT:

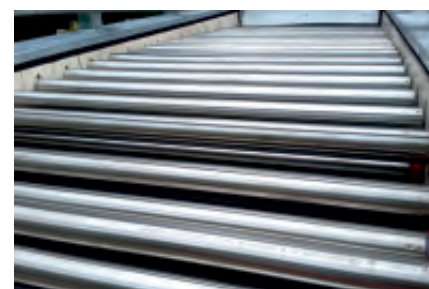
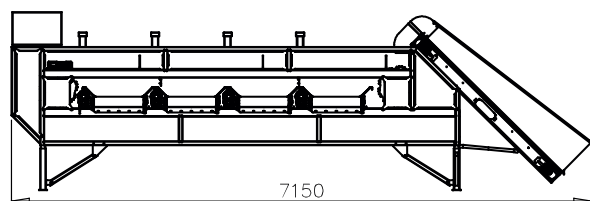
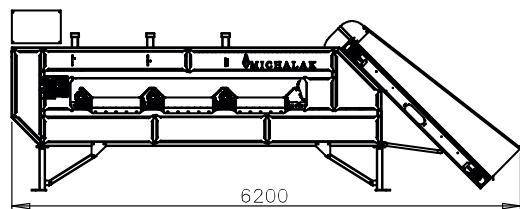
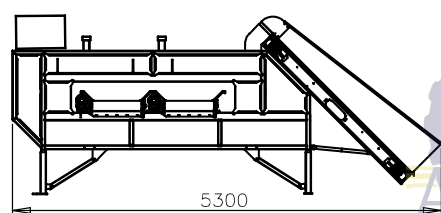
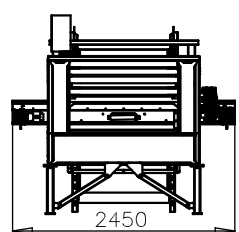
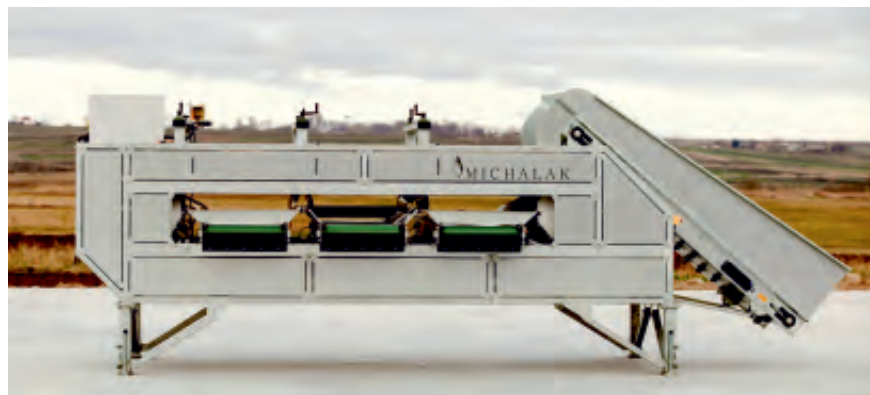
- Infinitely variable adjustment of oscillation frequency;
- Galvanized structure;
- Stainless steel elements contacting vegetables.



Sorting machine for calibrating all the vegetable types depending on thickness. Vegetables are sorted on simultaneously rotating and moving rollers, which during movement change their mutual location, what enables precise calibration. Sorting range from 15 mm to 85 mm and 20-120 mm, depending on the model. The machine separates the vegetables sorted into 2, 3, 4 fractions whose size may be adjusted infinitely.

BASIC EQUIPMENT :

- 2, 3 or 4 receiving tapes, LxW: 250x60 cm;
- Sorting range: 15-85 mm or 20-120;
- Feeding diagonal conveyer, width 100 cm;
- Galvanized structure;
- Stainless steel rollers;



BASIC PARAMETERS

Type	Productivity [t/h]	L/W/H [cm]	Weight [kg]	Installed power	Power supply
SR 1585 2T	4	515x245x180	1600	3 kW/ 6A	3x400V+N+P E, pin 5x32A
SR 1585 3T	6	615x245x180	2100	4 kW/ 9A	
ST 1584 4T	8	700x245x180	2500		
SR 20120 3T	6	615x245x180	2100		
SR 20120 4T	8	700x245x180	2500		

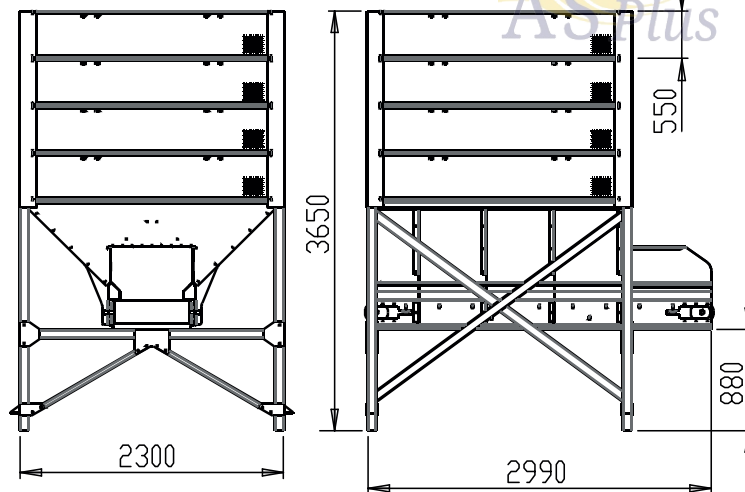
Store hopper is used in large technology lines. It is usually used before weighing and bagging machines or multi-section scale. In a standard version it has a system of cascades for absorbing the drops of the vegetables poured. The container height may be changed by incrementing or decrementing the count of panel layers – the height of a single panel is 55 cm. A standard container is equipped with 4 panel layers. It reaches the capacity of 9m³ , which is approximately 5-7 tonnes (depending on kind of the vegetables)

BASIC PARAMETERS:

- L/W/H [cm]: 230x300x365,
- Productivity: 9m³ (approx.5 t);
- Weight [kg]: 1200;
- Installed power: 1kW/2A;
- Power supply: 3x400V+N+PE, pin 5x16A.

BASIC EQUIPMENT:

- Rubber belt (width 60 cm) with speed adjustment;
- Photocell;
- Absorbing cascades;
- Galvanized steel .



This machine is used for automatic weight dosing of programmed vegetable portions and pouring them into all the types of packages (e.g. bags, cartons, boxes). It can cooperate with other devices collecting portions, e.g. raschel machines. Dosing takes place by means of one or two belt conveyors, which pour vegetables into the scale container. A version with one wide belt WPM-50 is suitable for longitudinal vegetables. For round vegetables it is recommended to choose a version with an additional dosing belt. The device may operate in the automatic or manual mode. The belt advance is automatically regulated by the action-by-action control.

In the Eco version (single-belt), the process of dosing portions of vegetables is carried out using one conveyor belt, which "throws" the vegetables into the scale's tank. The belt speed is automatically set by the controller depending on how full the tank is. WPM 30 Eco does not require connection to a compressed air installation.

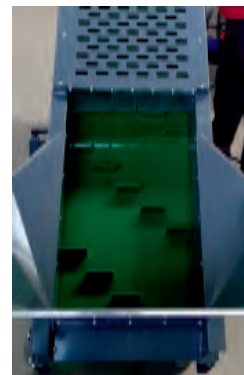
BASIC EQUIPMENT:

Type: WPM 50, WPM 50-2T

- Touch controller (Mitsubishi);
- Holding brushes;
- Pneumatic opening of the tank;
- 4 wheels;
- Lacquered structure;
- Base for bags/boxes/cartons;
- 3 chutes for different types of bags

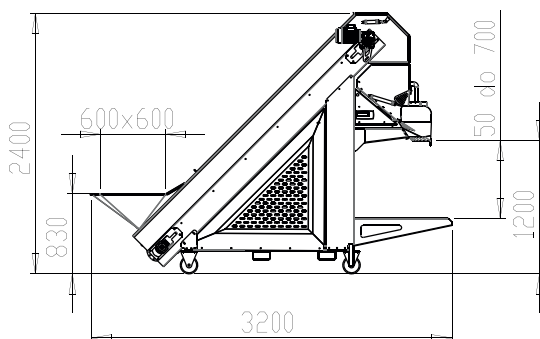
Type : WPM 30 Eco

- Touch controller;
- Mechanical opening of the tank;
- 4 wheels.



BASIC PARAMETERS

WPM	L/W/H [mm]	Tape width [mm]	Productivity [t/h]	Weight [kg]	Installed power	Power supply	Compressed air Yes/No
50	320x100x240	450	< 4	440	2/10	230 V + N+ PE, pin 230 V	Yes; 5 bar
50-2T		320+100					
30 Eco	220x80x190	250	< 2	220	2/6		No



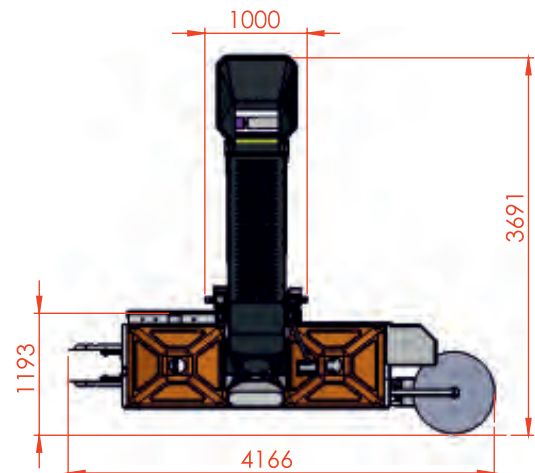
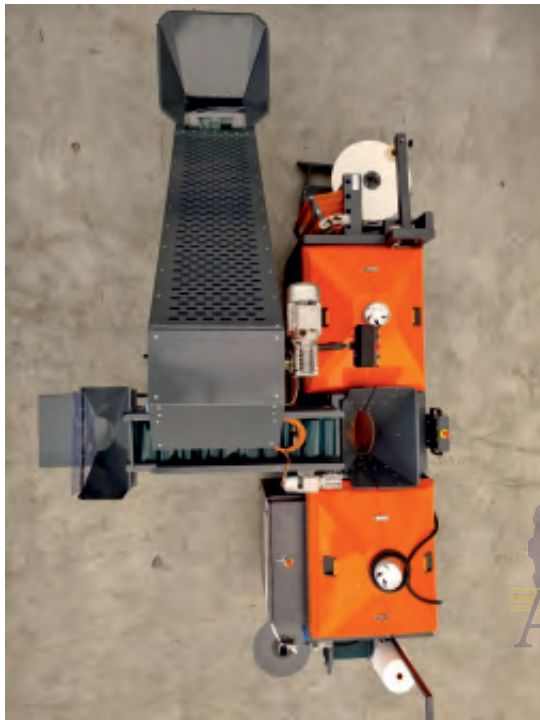
The machine is used for filling mesh bags with preweighed portions. A vibrating chute is used to prevent vegetables from getting stuck. After filling, the bag is sewn shut (at this stage it is possible to sew on a foil tape with a print). The bag is unwound from the bale, cut open, filled, sealed and then completely cut open. The machine can fill bags in the range from 5 to 25 kg. Depending on the machines configuration, it is possible to place the Raschel machine directly under a weighing and packing machine or use a conveyor belt which will feed vegetables from the weighing and packing machine to the Raschel machine, preventing goods blocking; this solution is recommended when weighing large portions. We offer two types of sewing heads: single-thread and double-thread.

BASIC PARAMETERS:

- L/W/H [cm]: 420/120/160;
- Productivity [t/h] : approx. 6 ;
- Installed power : 4 kW;
- Required compressed air 5 bar ;
- Power supply : 3x380V+N+PE, plug 5x32A.

BASIC EQUIPMENT :

- Vibration of the hopper ;
- Bag base vibration ;
- lacquered construction ;
- touch screen panel ;
- single-needle sewing head ;
- central lubrication of the sewing head.



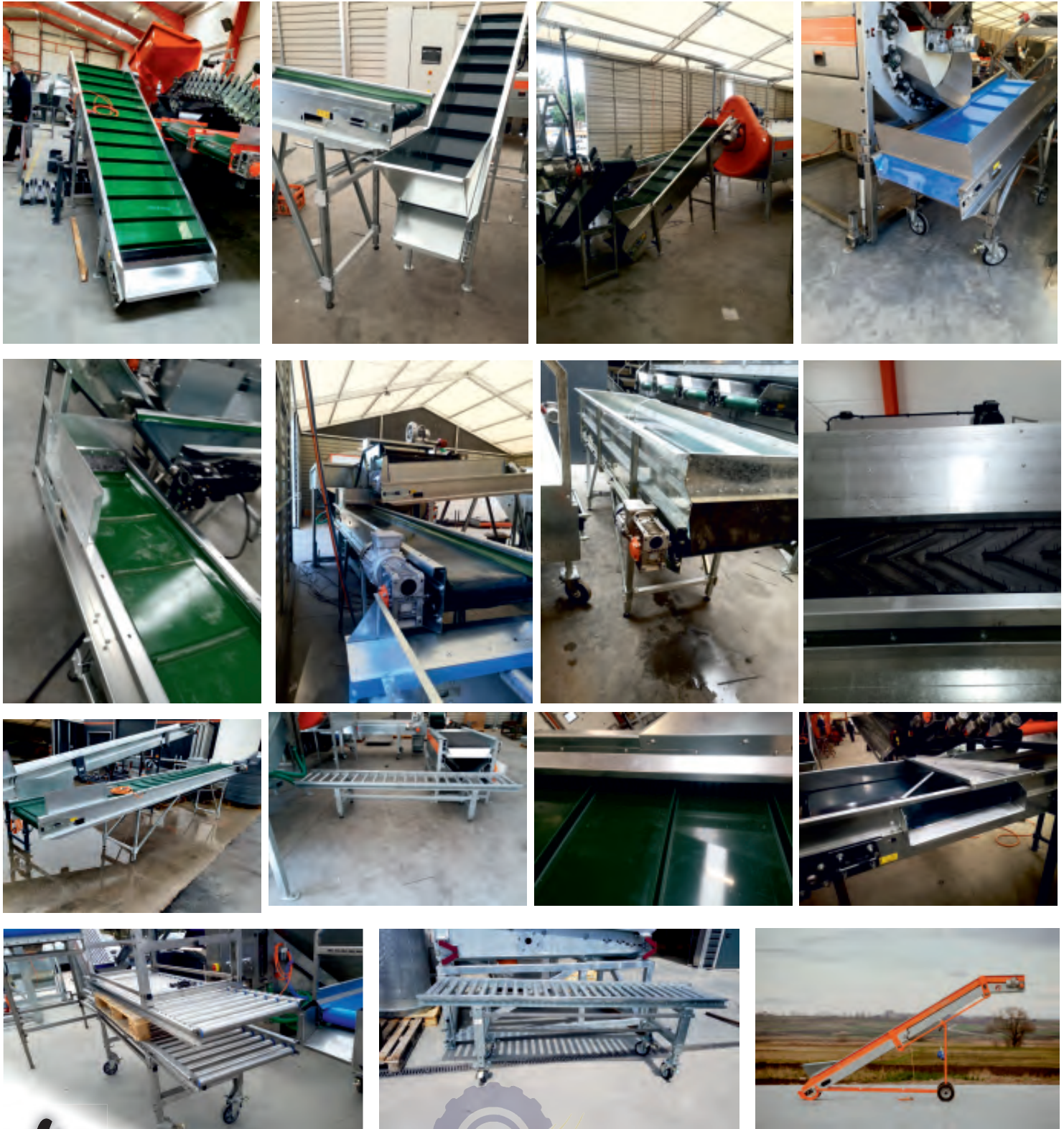
This machine is used for automatic weighing of the set portions of root vegetables. The operation of multi-channel scale is based on the automatic combination of a few weighed portions selected from 10 available (weighed portions) and combination into one, closest to the set weight. The machine may operate in the automatic and manual mode. The efficiency of multi-channel scale depends on the size of the portion weighed, vegetable type and operation mode. The possibility of machine cooperation with one or two raschel machines. The machine has a novel solution of two feeding belts moving crosswise in relation to the vegetables travel, what reduces product blocking on the scale input and moves apart the vegetables evenly to all the weighing containers. Owing to the technology applied, the scale has high weighing precision and its operation is easy and intuitive thanks to the use of mobile touch panel.

BASIC PARAMETERS:

- L/W/H [cm] : 460x596x305;
- Productivity depending on the portion 5-15t/h ;
- Capacity of weighing containers: 15 l;
- Possibility to save 100 different recipes ;
- Weight [kg] : 3000;
- Installed power [kW] : 7,5;
- Power supply: 400 V+N+PE, pin 5x32 A;
- Required compressed air .



We produce a wide range of conveyors with PVC or rubber belts. Feeding belts can be made with legs of appropriate height, feet or on wheels. The speed of the belts can be adjusted or constant. We adjust the dimensions of the machines, the working angle and pay attention to their purpose and sealing (for products with a small diameter). The offer also includes drive-less roller conveyors (for moving e.g. boxes).



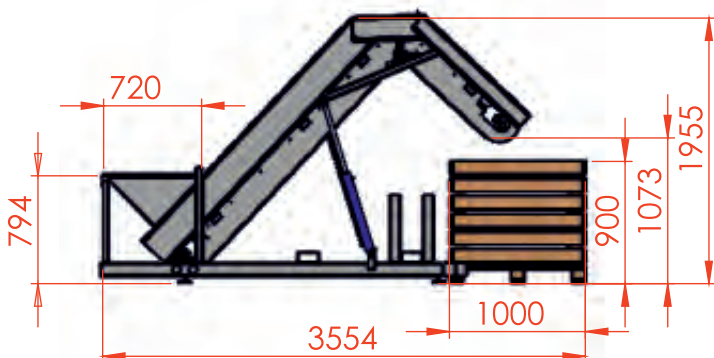
CONVEYOR FOR FILLING BOXES

Type: GS 80x325

“A gooseneck” conveyor belt that raises and lowers to adjust the product drop height. The machine is equipped with a PVC belt with 80 cm wide (include the flights), the speed is infinitely variable adjustment using an inverter. The filling of the pallet box is automatic, thanks to photocells, and ends when the box is full.

BASIC PARAMETERS:

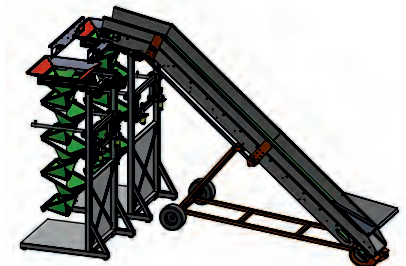
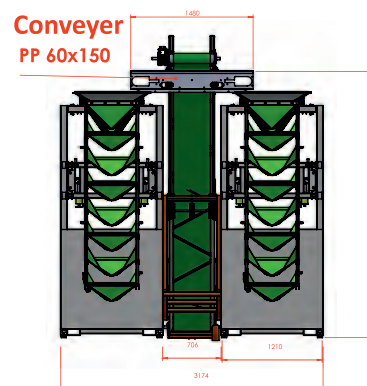
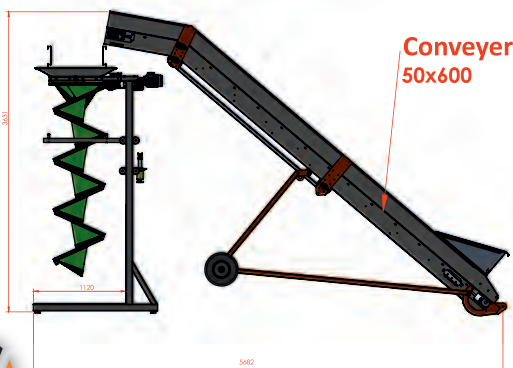
- L/W/H [cm]: 360x140x200;
- Weight: 450 kg;
- Installed power [kW]: 4 kW;
- Power supply: 3x400V +N+PE.



The device is used to fill pallet boxes or BIG-BAG bags (can be adapted to various sizes). It is available in a single- or double-station version. The filling process is controlled using sensors. The frame is equipped with cascades (PVC) that protect the product during loading.

BASIC PARAMETERS:

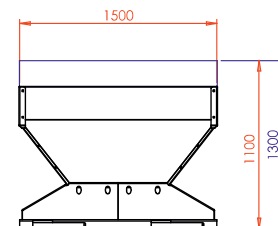
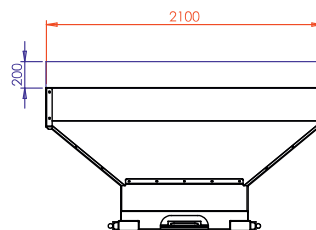
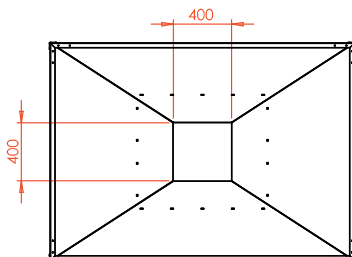
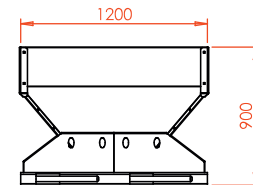
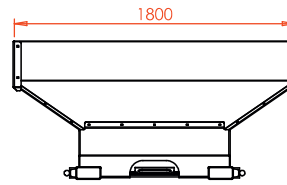
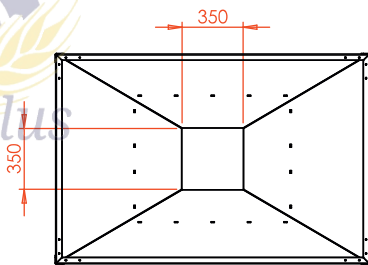
- NO. of filling sections (psc.): 1, 2;
- NO. of cascades (psc.): 8 or 16 (depending on the type);
- Feeder working: (L x W) cm: 50 x 60;
- Installed power (kW): 4 or 7 (depending on the type)
- Power supply: 3x 400, pin 32 A.



The device is used to fill pallet boxes or BIG-BAG bags (can be adapted to various sizes). It is available in a single- or double-station version. The filling process is controlled using sensors. The frame is equipped with cascades (PVC) that protect the product during loading.

BASIC PARAMETERS :

Type	L/W/H [cm]	Weight [cm]	Productivity
Typ 1	180x120x90	180	1m ³ – 600 kg
Typ 2	210x150x110	245	1,7m ³ – 1000 kg
Typ 2+20	210x150x130	265	2,3m ³ – 1300 kg



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