



PRODUCT PORTFOLIO



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ABOUT US

We are the leading Croatian company specialized in designing and producing custom-made agricultural equipment. In our production there are processing equipment for industry: for processing of medicinal and aromatic herbs, equipment for food industry, oil mills for pumpkin seed oil, systems for dedusting and separation.

Herbas d.o.o. is specialised in drying and processing of medicinal herbs (with emphasis on chamomile and industrial hemp), aromatic herbs, spice herbs. We are also designing and producing transporting equipment, thermal generators and heating systems on bio-mass fuel, dryers for herbs, fruits, vegetables, seeds, mushrooms and wood.

We have been working in this field for many years and we have a lot of knowledge and experience in machining technology, specifications and quality demands of these products. Taking into account the specificities of each customer, together we come to the most acceptable solution.

Production of machines for technological processes in the processing and process industry, with special emphasis on the development of chamomile and herb processing machines.



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HARVESTING EQUIPMENT

Herbas harvesting equipment have many things in common, but each harvester was designed for specific needs.

We offer simple, superior harvest equipment for maximizing productivity with industry unique equipment for harvesting various type of the herbs.

Harvesters are towed and for the connection to the tractor a cardan or hydraulics is used.

HARVESTING EQUIPMENT

HARVESTER KVH-2000EH



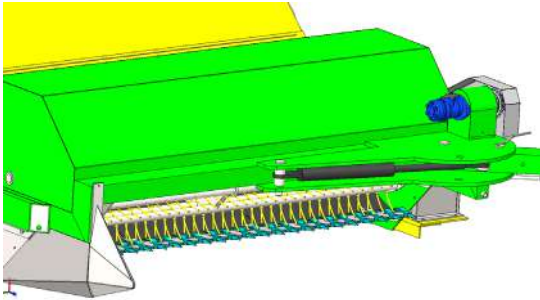
VIDEO

The harvester is designed for harvesting of chamomile. The quality of harvesting is defined by the quality of the chamomile in the field, the height and speed of picking, and outside weather conditions.

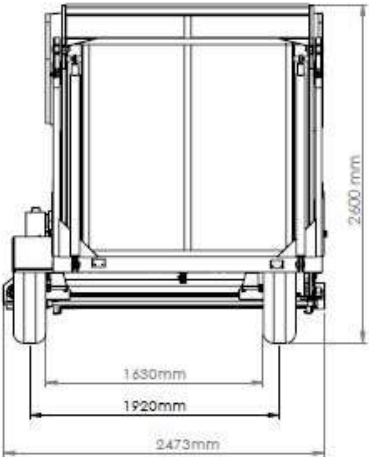
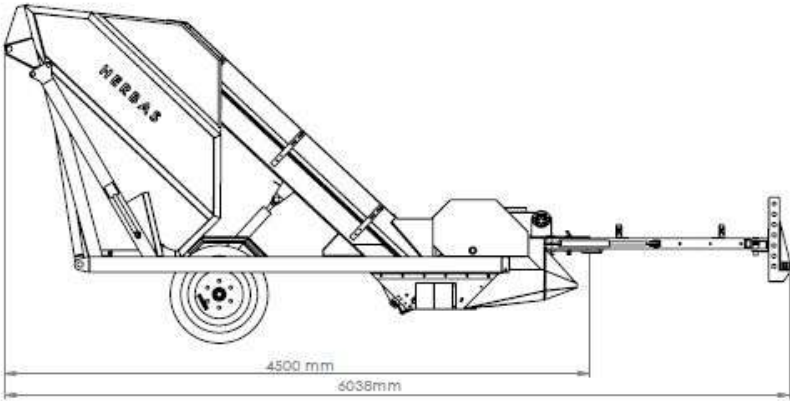
The harvester is made of steel construction on which is mounted knuckle-gear drive for the rotating harvester drum. Drum is used for picking the chamomile flower heads. After picking the chamomile flower heads, harvester drum throws harvested flowers to the conveyor. Conveyor feeds the basket with a hydraulic system for discharging. Basket empties via its own hydraulic system connected to the hydraulic system of the tractor.

The harvester is designed for harvesting the European type of chamomile.
With optional mowing system it's possible to harvest some other types of herbs like mint, nettle, mallow, etc.

drive type:	traction - tractor
capacity:	0.35 – 0.25 ha / h
grip width:	1850 mm
bunker capacity:	2.7 m³
required tractor power for traction and drive:	30 kW
winch drive:	hydro motor
collection basket drive:	tractor hydraulics
weight	1600 kg



OPTIONAL MOWING SYSTEM



HARVESTING EQUIPMENT

HARVESTER K VH-2000EHT



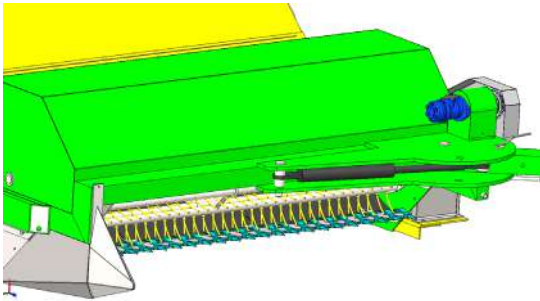
VIDEO

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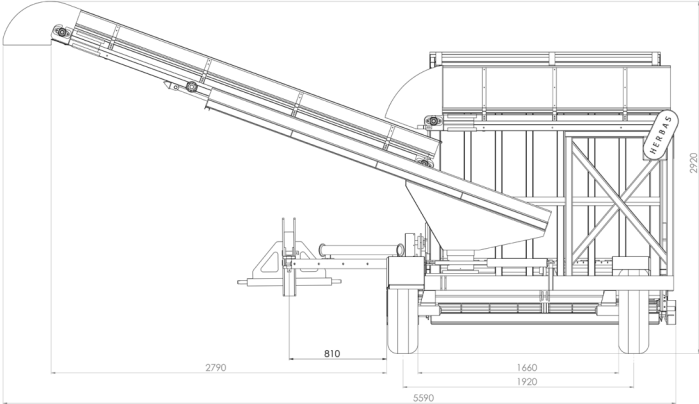
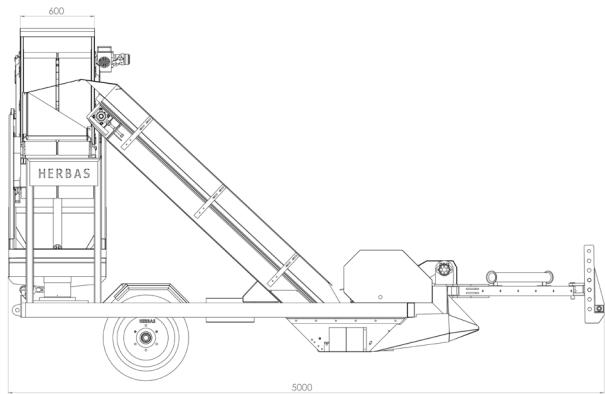
Harvester is made of steel construction on which is installed hydromotor (but without hydro pump) and hydraulic pipes. Drive of the hydromotor is achieved through tractor. Through the hydromotor is achieved the drive of the drum for harvesting of the chamomile, and belt conveyor for transport of the harvested chamomile flowers onto the second belt conveyor that transport chamomile to the trail of another tractor. Switching from transport to work mode and vice versa is achieved through hydraulic cylinder.

The harvester is designed for harvesting the European type of chamomile.
With optional mowing system it's possible to harvest some other types of herbs like mint, nettle, mallow, etc.

drive type:	traction - tractor
capacity:	0.35 – 0.25 ha/h
grip width:	1850 mm
required tractor power for traction and drive:	30 kW
winch drive:	hydro motor
collection basket drive:	tractor hydraulics
weight	2000 kg



OPTIONAL MOWING SYSTEM



HARVESTING EQUIPMENT

PUMPKIN SEED HARVESTER HKV-70



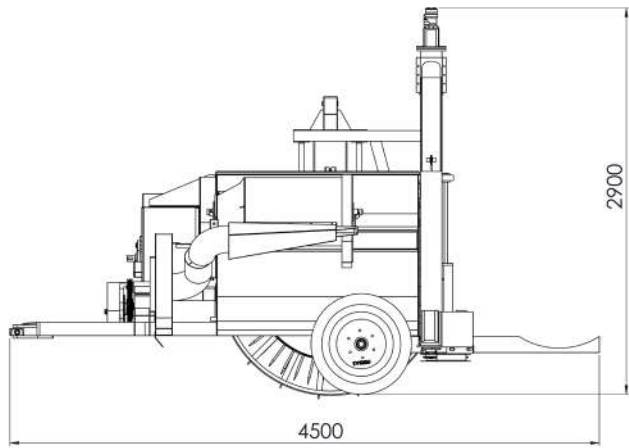
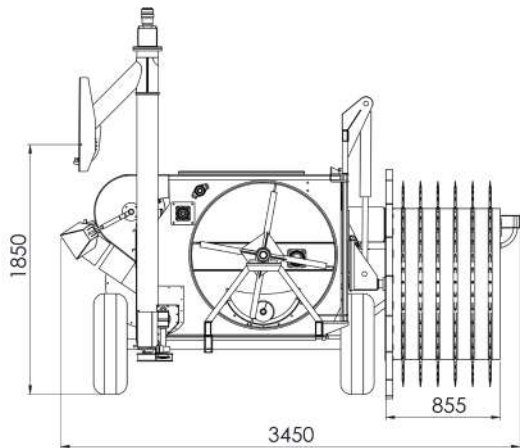
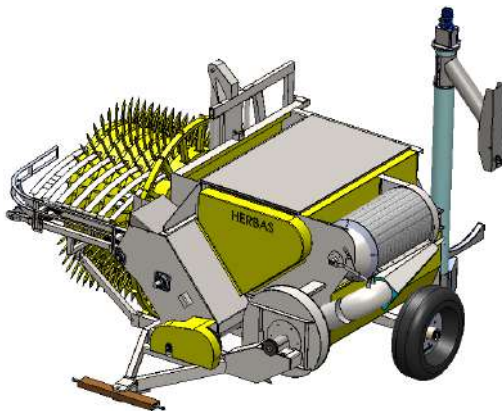
Type HKV 70 – traction harvester for pumpkin seeds is designed for harvesting pumpkins collected in the rows.

Pumpkin seed harvesters are a vital piece of equipment for farmers who grow pumpkins for their seeds, which are used for both culinary and industrial purposes.

Drive of the harvester is achieved through knuckle-gear drive connection with tractor which enables rotation of the drum for separation of seeds from the rest of the pumpkin and drive of fan for vacuum cleaning of seeds from impurities. Simple solid construction ensures good working performance, low maintenance and reliable operation.

The foldable design allows easy transport of harvester.

drive type:	traction - tractor
capacity:	1 ha/5 h
length of drum for cleaning seeds:	1500 mm
required tractor power for traction and drive:	40 kW



PROCESSING EQUIPMENT

Certain types of herbs need to be shredded before being fed into the line in order to achieve optimum capacity and high-quality processing.

Finished products are delivered as flowers, leaves, seeds, milled material, powder, dust, etc., according to the client's requirements.



PROCESSING EQUIPMENT

CHAMOMILE FLOWER SEPARATOR RGK-H 600



Chamomile flower separator is designed to separate the chamomile flower from herb or stems. Total length of the flower with the rest of the stalk is 16 mm. Processing material is dosed in hopper of the separator (manually or via belt transporter) on which bottom are mounted two rotating rollers with round holes. Rollers in rotation are in collision with moving knives which are cutting longer stems. Under the rollers is stringed vibration sieve, which separates the chamomile flower from smaller fractions (herb, petals, pulvis).

Solid and simple construction ensures quality and reliable machine operation.



INOX

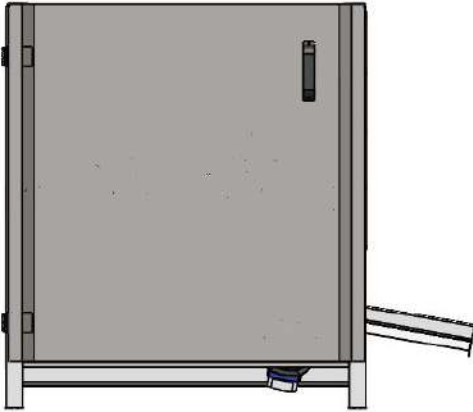
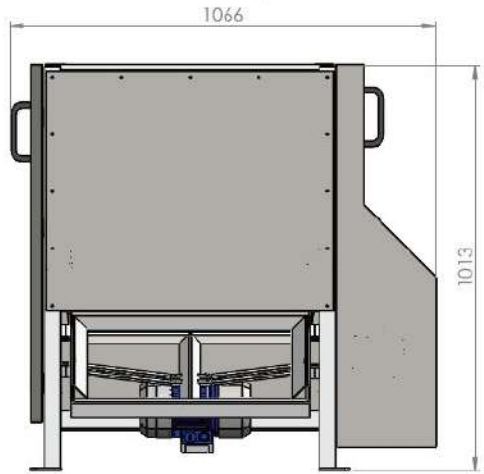
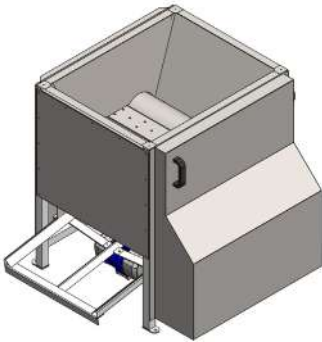
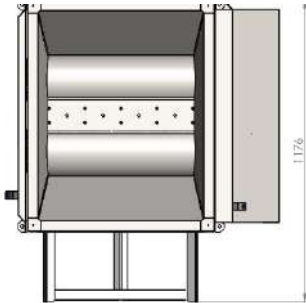
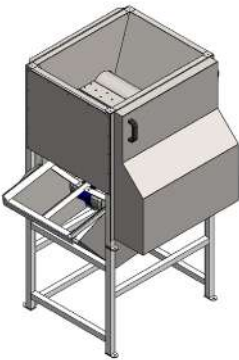


OUTPUT MATERIAL



MILD STEEL

Roller width:	600 mm
Capacity:	70-100 kg/h
Electric power:	0,67 kW
Weight:	280 kg



PROCESSING EQUIPMENT

VIBRATING SIEVE - VS SERIES



VIDEO

Vibrational sieves are designed for separation of materials on two to four fractions, depending on the number of sieve inserts (floor screens).

The size of sieved materials is defined by mesh screen size on each floor of the sieve.

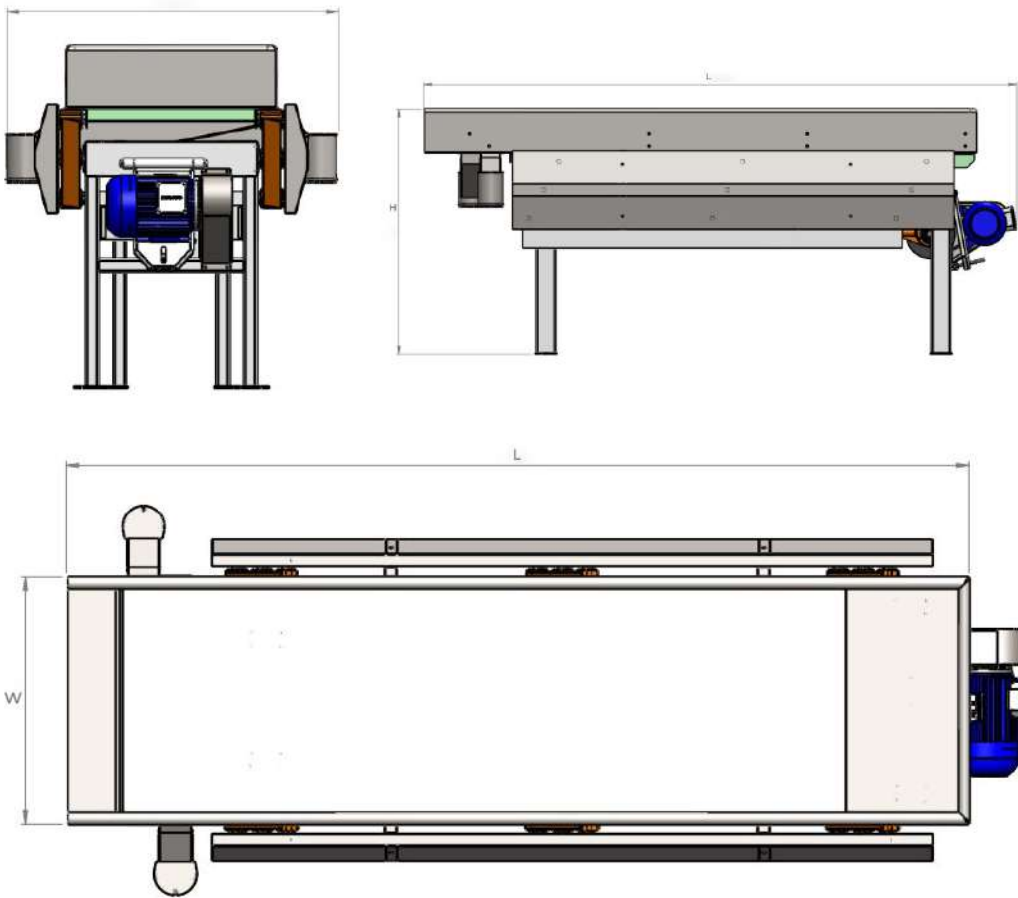
The construction of the sieve is made of structural carbon steel or INOX AISI 304. The floors are made of technical INOX AISI 304 nets and the mesh sieves according to Customer preference.

Dosing in the sieve can be manually, mechanically (in processing line) or via an integrated dispensers on the sieve.

On the back side of the sieve are mounted doors, for easy replacement of the sieves and for cleaning. For each floor screen can be performed cleaning, with a rubber balls arranged in cages beneath each floor.

The number of floors of the sieves is from 1 to 3, and number of fractions of the processed material is from 2 to 4.

VIBRATION SIEVE TYPE	WIDTH (W)	LENGHT (L)	NUMBER OF FLOORS
VS 6	600 mm	from 1400 mm to 2250 mm	1 or 2
VS 9	900 mm	from 2350 mm to 3000 mm	1,2 or 3
VS 12	1200 mm	from 3000 mm to 4000 mm	1,2 or 3



PROCESSING EQUIPMENT

ROTATING-PLANETARY SIEVE - RS 150

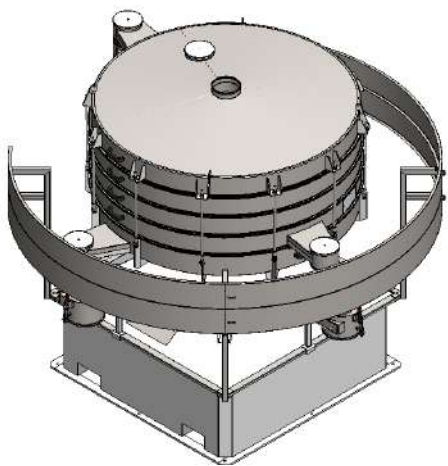
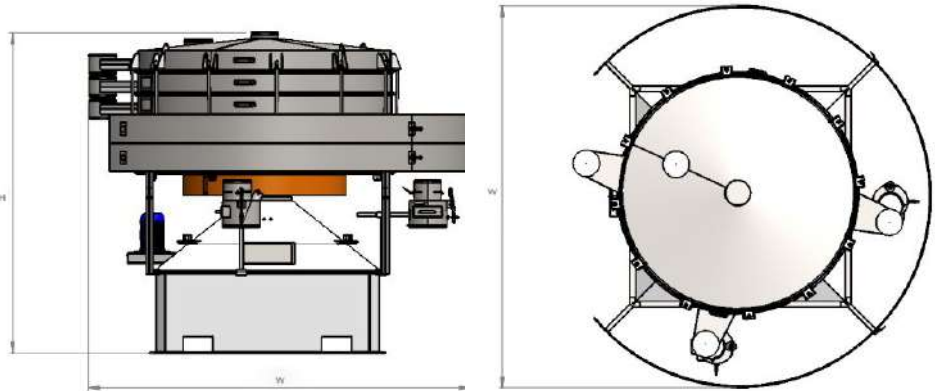


VIDEO

Sieve type RS-150 is designed for separation of materials on two to five fractions, depending on the number of embedded/built-in inserts (sieves). We are producing rotating-planetary sieves in diameter of 1000-2100 mm, with inserts and sieve mesh (according to Customer demand). The size of sieved materials is defined by mesh screen size on each floor of the sieve. Possibly need for increasing the capacity of sieving for certain types of materials can be increased by installing one or more floors that could be connected together into a common output.

The sieve could be made of carbon steel or INOX AISI 304. The floors are made of technical nets in INOX AISI 304 and the mesh sieve according to Customer demand.

Standard sieve diameter:	1450 mm
Capacity:	300 kg/h
Electric power:	1,5 kW
Weight:	900 kg



PROCESSING EQUIPMENT

CYLINDRICAL SEPARATOR



VIDEO

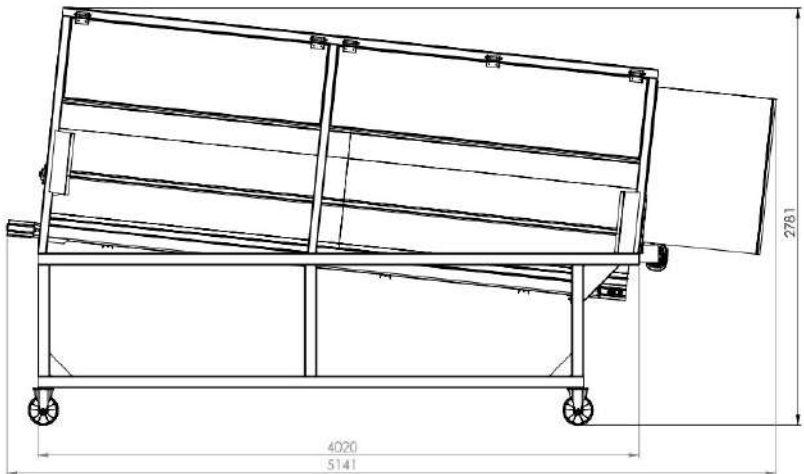
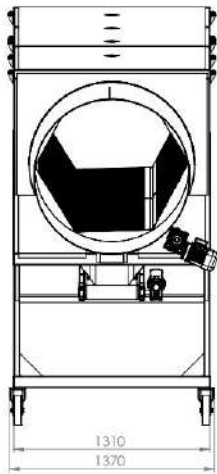
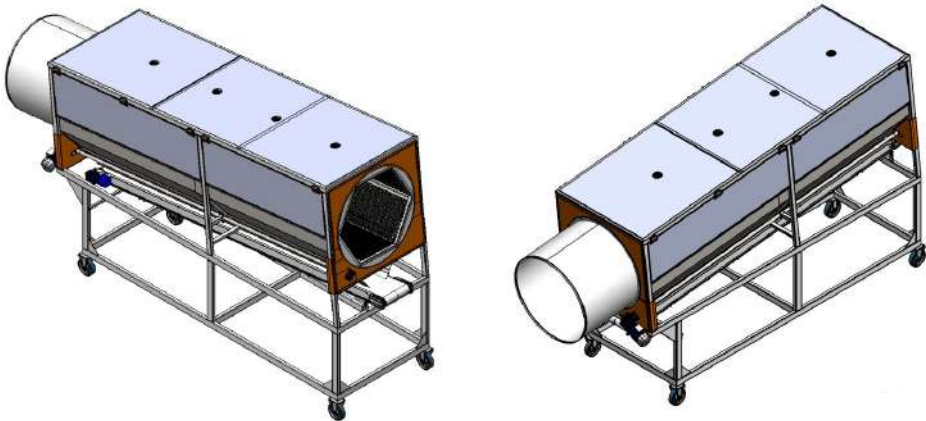
The cylindrical separator is designed for separating the processing material into two fractions. The sizes of the separated fractions are defined by the size of the mesh opening on the drum of the separator.

Cylindrical separator is often used for separation of fresh harvested chamomile flowers before drying. Such separation of fresh chamomile reduces the cost of drying and increases the total value of the harvested chamomile flowers.

The cylindrical separator is easy to use, reliable and quiet.

The machine can also be used to clean tobacco or other herbs from dust and impurities, as well as other similar purposes of separating smaller from larger fractions.

Drum length:	4000 mm or 3000 mm
Capacity:	5000 kg/h of fresh herbs
Electric power	0.75 kW – 1.6 kW
Weight:	550 kg



SEP/DK-4000 (INOX)



SEP/DK-4000 (MILD STEEL)



PROCESSING EQUIPMENT

MIXER



VIDEO

The MB-80 mixer is a versatile and highly efficient piece of equipment that is designed for the uniformation or homogenization of different types and fractions of materials throughout an entire batch. This mixer is ideal for a wide range of applications, from mixing herb mixtures to blending different types of materials.

The charging process of the MB-80 is designed to be as easy as possible, with the option to charge the mixer through either a door or an opening in the ceiling. This allows for efficient and quick charging, minimizing downtime and maximizing productivity. Additionally, on the side of the hopper, there is an opening for discharge and packing bags of herb mixtures, making it easy to package and distribute the final product.

The drive of the mixer screw is made through a motor reducer, which provides a powerful and reliable mixing process. The duration of mixing depends on the required homogeneity of mass or other technological requirements, ensuring that the final product meets the highest standards of quality and consistency. Furthermore, the mixer is designed with a discharge opening that allows for discharge during operation of the machine, further increasing efficiency and productivity.

The MB-80 mixer is constructed from carbon steel or INOX material, providing long-lasting durability and resistance to wear and tear. Overall, the MB-80 mixer is an essential piece of equipment for any operation that involves the mixing and homogenization of materials, providing a high level of performance, efficiency, and reliability.



PROCESSING EQUIPMENT

HERB CUTTER RB-200

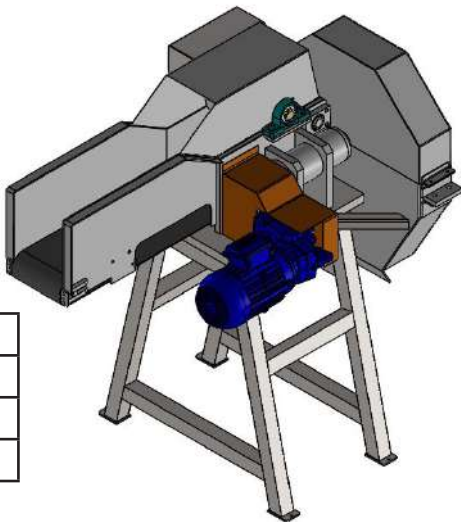


VIDEO

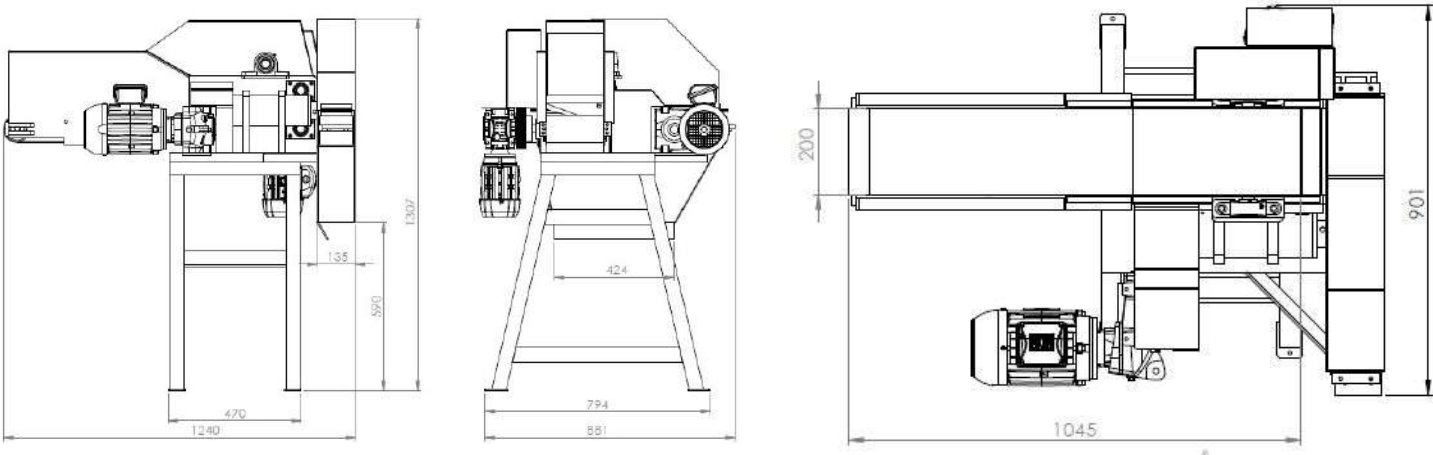
Designed for cutting different types of herbs in fresh (raw) or dry state. The cut length depends of technology requirements. It is also used for grinding the dried material prior to further processing.
Cutter consists of a base, rotor and stator.

Herbs cutter type RB-200 has a dosing trough input belt conveyor width 200 mm. Material is transported to two rotating knives of effective length of 200 mm. Cutting length is the speed ratio of movement of conveyors and retractor roller knives and the speed of rotation of the knives.

Cutter can be used in processing line or as a stand-alone machine.



Band width:	200 mm
Capacity:	up to 2000 kg/h of fresh herbs
Electric power:	2.5-1.35 kW
Weight:	250 kg



RB-200 (MILD STEEL)



RB-200 (INOX)



PROCESSING EQUIPMENT

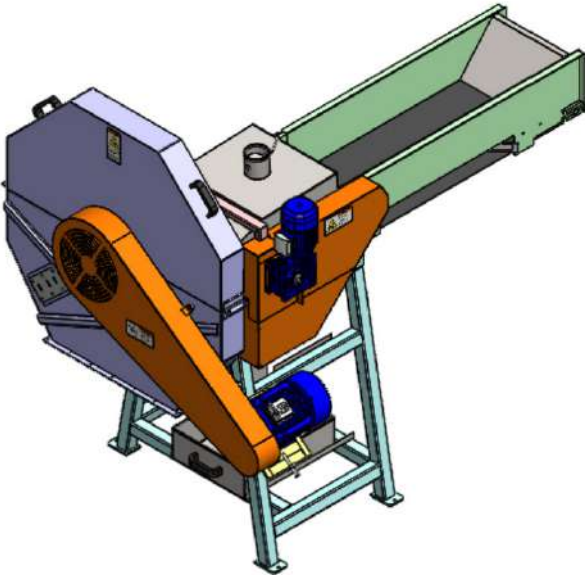
HERB CUTTER RB-400



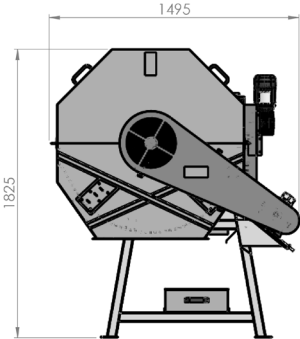
VIDEO

Designed for cutting different types of herbs in fresh (raw) or dry state. The cut length depends of technology requirements. Cutter is made with dosing conveyer width of 400 mm and knife length of 400 mm. Knife in rotation cuts compressed herbal mass. Cut length is defined by ratio between speed of dosing conveyer and rotary speed of knives. Cutter is equipped with a large hooper for work with raw green material. Maximum capacity is 5000 kg of raw green herbal mass/h.

- Machine components:
- Dosing conveyor – width 400 mm
 - Cutter housing with static knife (cutter opening after dosing conveyor)
 - Rotor with knife holder
 - Output ramp
 - Machine mount



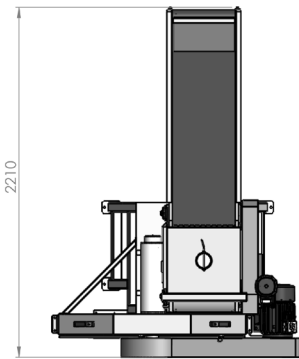
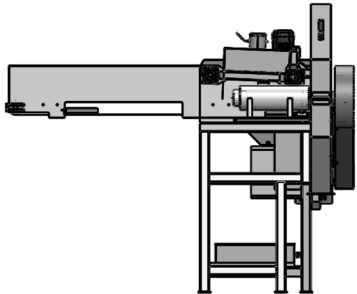
Band width:	400 mm
Capacity:	up to 5000 kg/h of fresh herbs
Electric power:	4,37 kW
Weight:	600 kg



RB-400 (MILD STEEL)



RB-400 (INOX)



PROCESSING EQUIPMENT

HERBS CUTTER URH 50-6 WITH INTERCHANGEABLE SIEVES

Herbs cutter with interchangeable sieves, type: URH 50-6 is designed for preparation of the plant/herb material for grinding or milling for bulk packaging of tea of minimum size of fractions 3 mm.

Cutter consists of a base, the rotor and stator set.
The rotor and stator are made with slots for knives attachment. Size of fraction is changed by changing sieves on the stator.

Cutter is supplied with a set of three sieves (according to customer’s demands), the same or different size of perforations, made of INOX AISI 304.

The basic design of the device has assembled counter-knives, which in action with knives in rotation are cutting off the herbs on length of the mesh screen of sieve. The processing material is dosed through the hopper.

Capacity:	50-300 kg/h (depending on material and the size of fractions)
Electric power:	1,5 kW
Weight:	200 kg



PROCESSING EQUIPMENT

HERB CUTTER RBG-200



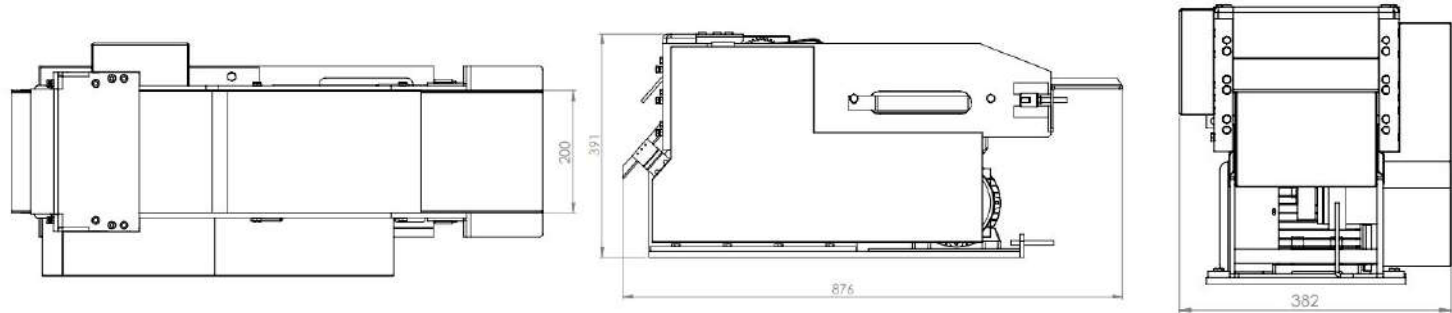
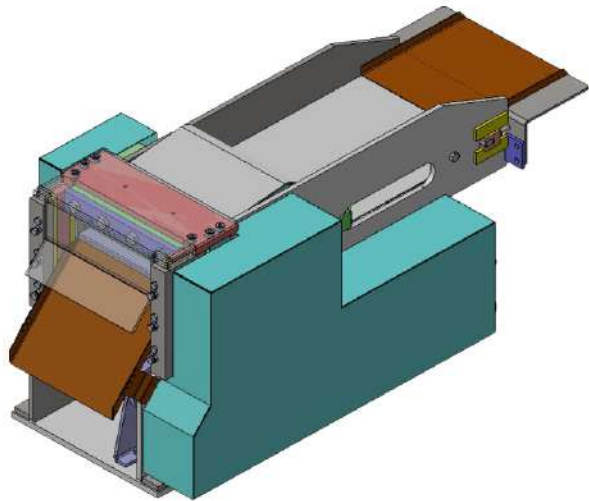
VIDEO

Cutter RBG-200 is designed for cutting different types of herbs in fresh and dry state, to the cut length according to the technology requirement.

The length of the cut is defined by the relationship between the speed of the conveyor belt, the speed of the knife and the direction of processing material.

The herb cutter type RBG-200 has a trough width of 200 mm.

Band width:	200 mm
Capacity:	50 kg/h of dry material
Electric power	0.55 kW
Weight:	90 kg



PROCESSING EQUIPMENT

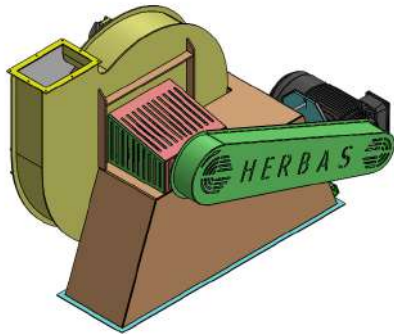
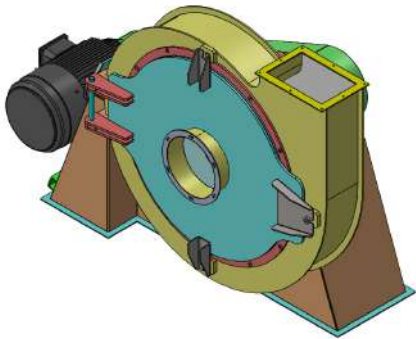
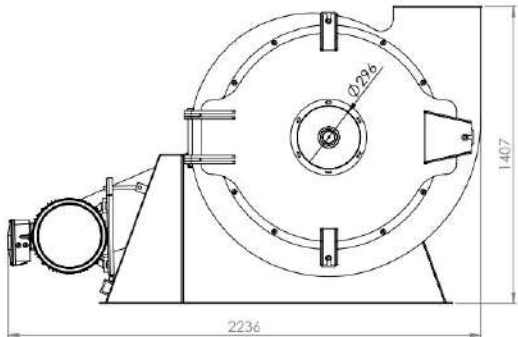
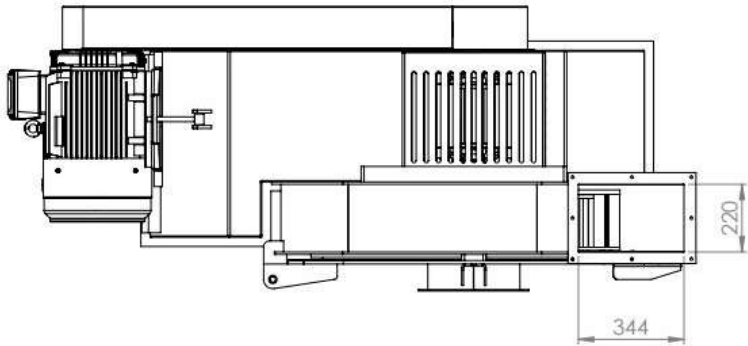
MILL - HM 815

The mill for dry herb mass, type HM-815 is designed for shredding of dried herb mass to the size of the fractions according to the mesh opening of the sieve. Screen cleaning is achieved by air flow.

The fractions that are shredded to the defined size are passing through a sieve and are separated from the rest of the material. After separation the shredded fractions are transported by pneumatic transport to the next stage of processing.

The size of the output material is defined by the size of the mesh opening of the mill screen.

Drum width:	850 mm
Capacity:	1000 kg/h
El. Power	22 kW
Weight:	950 kg



PROCESSING EQUIPMENT

PNEUMATIC SEPARATOR - CFS 800



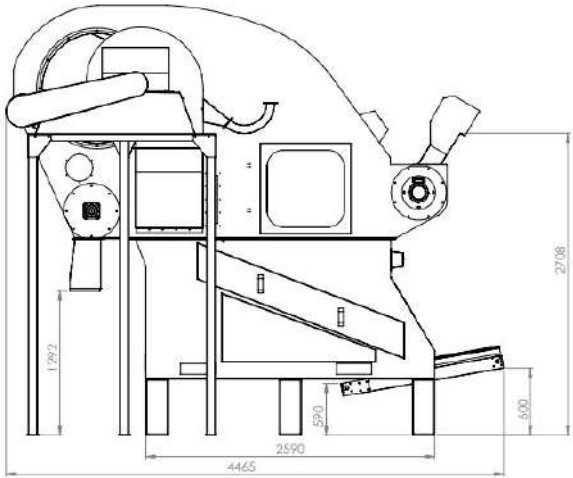
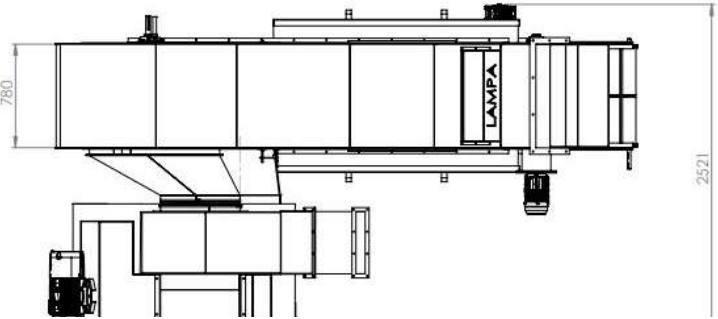
VIDEO

The CFS-800 pneumatic separator is a machine specifically designed for separating processing materials into two fractions based on the different weights of the individual fractions. The processing material is first loaded into the hopper of the separator, where it is evenly distributed before being fed into the separator itself.

Once inside the separator, the material is subjected to an air current generated by a fan, which causes the lighter fractions to be lifted and transported through an outlet designated for this purpose. Meanwhile, the heavier fractions are transported to the back outlet of the separator.

The intensity of the separation can be adjusted by controlling the strength of the air flow, which is done via the control cabinet. This allows for fine-tuning of the separation process to ensure that the final fractions are as accurate as possible. Overall, the CFS-800 pneumatic separator is an efficient and precise tool for separating materials based on their weight.

Tunnel width:	800 mm
Capacity:	2000 kg/h
El. Power	16 kW
Weight:	1500 kg



PROCESSING EQUIPMENT

PNEUMATIC SEPARATOR - HPS 630



VIDEO

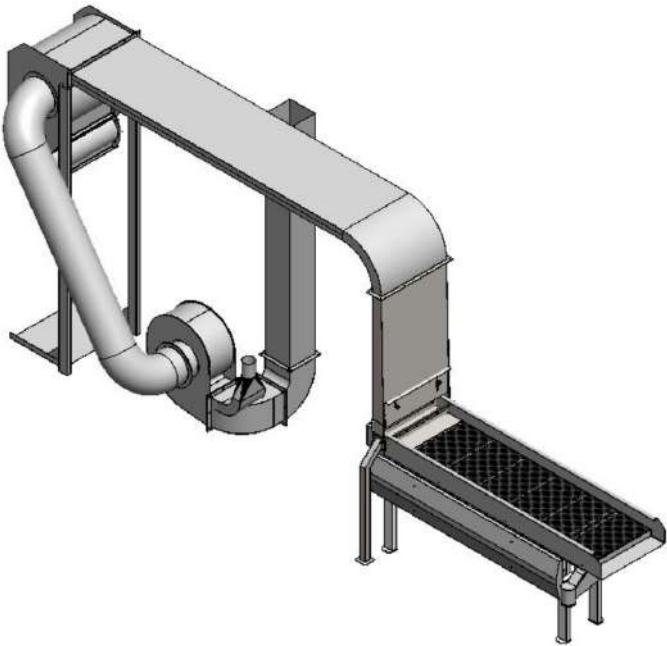
Pneumatic separator, type: HPS-630, with vibrational conveyor, air-lock and fan, is designed for separating processing material into two fractions.

Separation is performed according to the different weight of individual fractions (lighter on one side, heavier on the other).

The processing material is dosed onto the vibrating conveyor, from where the material travels towards the suction air tunnel of the pneumatic separator. In the air tunnel, the lighter fractions are lifted by the air flow and transported through the outlet for the lighter fraction. The heavier fraction is discharged by gravity at the nearest outlet.

The intensity of the separation is defined by the strength of the air flow, which is adjusted on the control cabinet.

Tunnel width:	630 mm
Capacity:	500 kg/h - 1000 kg/h
El. Power	4,5 kW
Weight:	450 kg



PROCESSING EQUIPMENT

REBLER - REB 100



VIDEO

Rebler, type REB-100 is designed for separation of leaf blade form the stalk.

Processing material is dosed through the opening on the top of the rebler from where it enters into conical sieve where is rotating brush that is shredding the leaf on fractions according to the mesh openings.

Material: carbon steel or INOX AISI 304 (according to Customer demands)

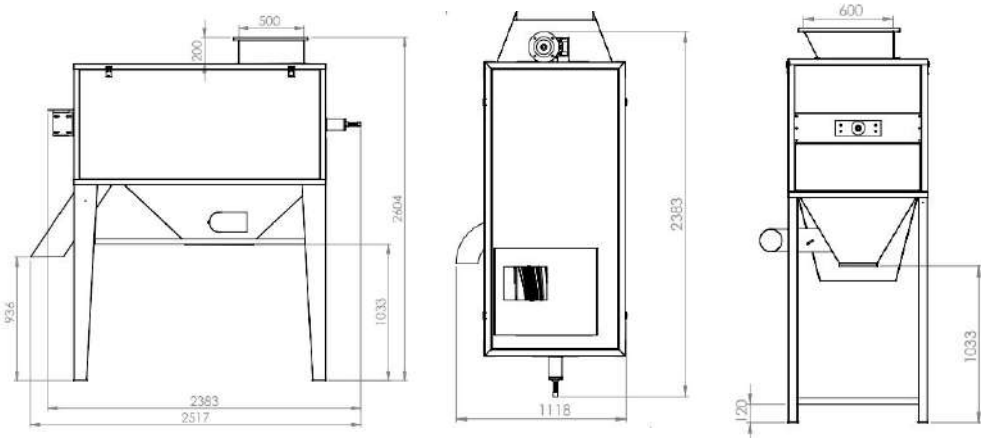
Brushes: from polyamide fibers.

Color: RAL 9002 or other, according to Customer

Option: Additional conical sieves with a sieve mesh on demand

Working platform of 'rebler': Platform heigth is 1500 mm, made of standard carbon steel with an anti-slip surface of the ribbed aluminum sheet or grid floor, protective railing, climber with a back protection and the protection from the rebound.

Sieve length:	1000 mm
Capacity:	500 kg/h
Electric power:	1.5 kW
Weight:	250 kg



PROCESSING EQUIPMENT

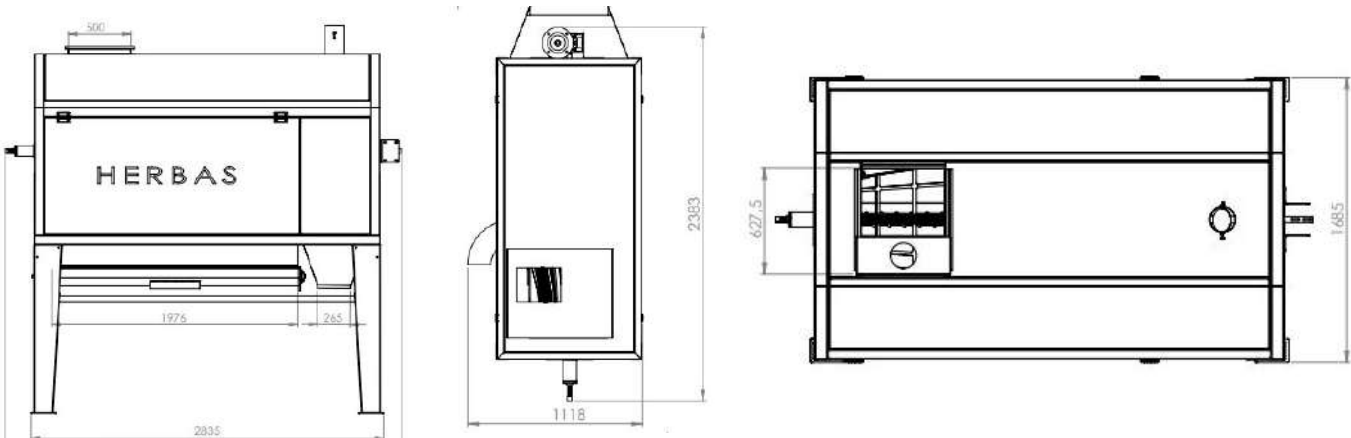
REBLER - REB 200



VIDEO

Rebler, type: REB-200, is designed for separating the leaf blade from the stem. The processing material is dosed through the hopper at the top of the separator from where it enters the conical-semi-circular screen. In a screen the leaf blade is mechanically separated from the small stalk by rotating brushes, where the leaf and the part separated from the stem, is shredded into a fraction defined by the size of the mesh opening of the sieve. On the back part of the separator, behind the perforated or mesh part of the conical semi-circular screen, there is an outlet for the separated parts of the stem and stalk, while below the screen is an outlet for separated leaf parts.

An conical replaceable sieve for the rebler, in a different mesh opening size, defines a different maximum size of the output material.



Sieve length:	2000 mm
Capacity:	1000 kg/h
Electric power:	1.5 kW
Weight:	550 kg



PROCESSING EQUIPMENT

WASCHING MACHINE FOR PUMPKIN SEEDS HPBK - 50/270

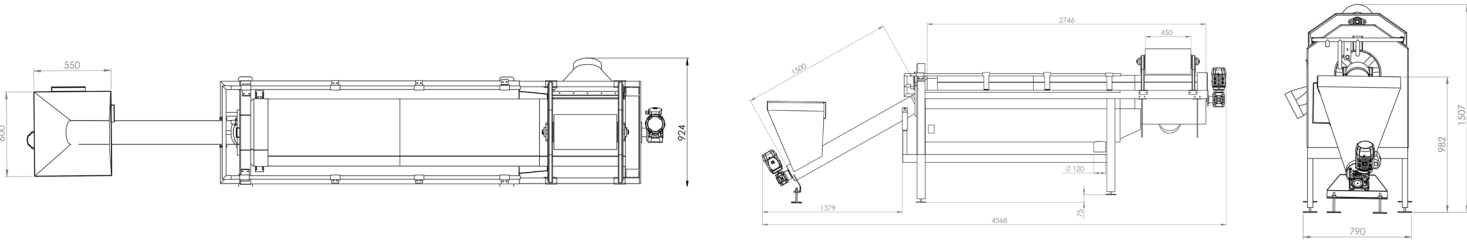
Washing machine type HPBK50/270 is designed for washing of pumpkin seeds and herbs after harvest and before drying, in order to remove impurities from the processing material.

Seeds are, via screw dozer, dosed in a rotating cylinder made from perforated sheet metal. During the rotation of the cylinder, the processing material is washed with high pressure water jet.

The cylinder is inclined. On the back of the cylinder is mounted a brush which cleans the perforated cylinder out of stuck seeds.

The machine can be made from mild steel or INOX AISI 304.

Cylinder width:	500 mm
Capacity:	2000 kg/h
El. power	0,92 kW
Weight:	480 kg



PROCESSING EQUIPMENT

MACHINE FOR POLISHING OF PUMPKIN SEEDS PSB-25 X 56

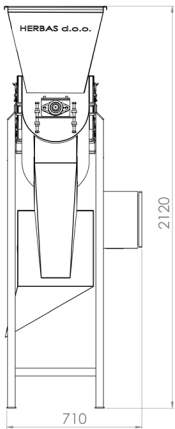
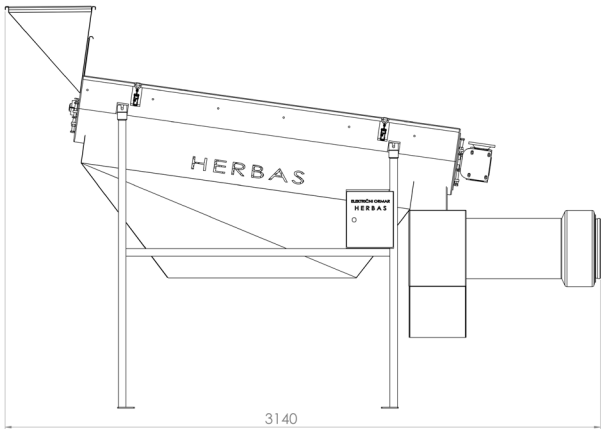


VIDEO

The PSB-25 × 56 is a highly specialized machine that is designed for polishing and cleaning seeds to remove impurities. The machine is specifically engineered to provide a high level of surface gloss on the seeds by passing them through the machine and separating lighter impurities through pneumatic separation. This process not only removes impurities but also enhances the appearance of the seeds.

The machine has a capacity of 500-800 kg of dried seeds per hour, making it an efficient and productive solution for seed processing. This high capacity allows for large quantities of seeds to be polished and cleaned in a short amount of time, which can help to increase productivity and reduce labor costs.

The PSB-25 × 56 machine is an essential piece of equipment for seed processors, farmers, and other related industries. It is built with durability and longevity in mind, ensuring that it can withstand the rigors of regular use. The machine is easy to operate and maintain, which makes it an ideal solution for seed processing.



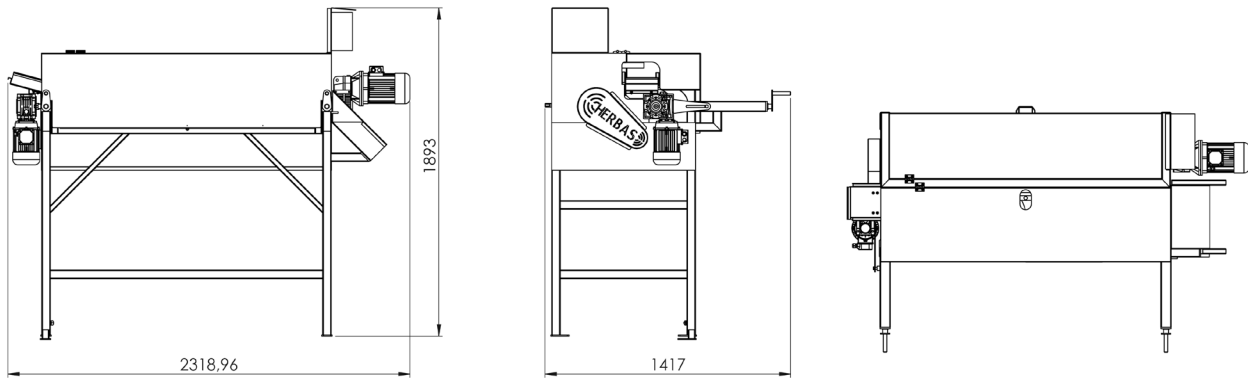
PROCESSING EQUIPMENT

CELERY WASHER HPBK-C150



Celery washer HPBK-C150 is an essential piece of equipment for the cleaning process of celery root. After being harvested from the ground, celery root often has soil and mud particles that need to be removed in order to maintain its quality and appearance.

The HPBK-C150 celery washer uses a combination of brushing and splashing with water to clean the celery root thoroughly. The celery is first placed inside the washer and then the brushes start rotating, removing all the dirt, mud and soil particles from the surface of the celery root. After the brushing process, water is splashed on the celery root, which helps to remove any remaining particles and also rinses the celery to make it ready for packaging.



BEFORE WASHING



AFTER WASHING



PROCESSING EQUIPMENT

BARBOTER WASHING MACHINE

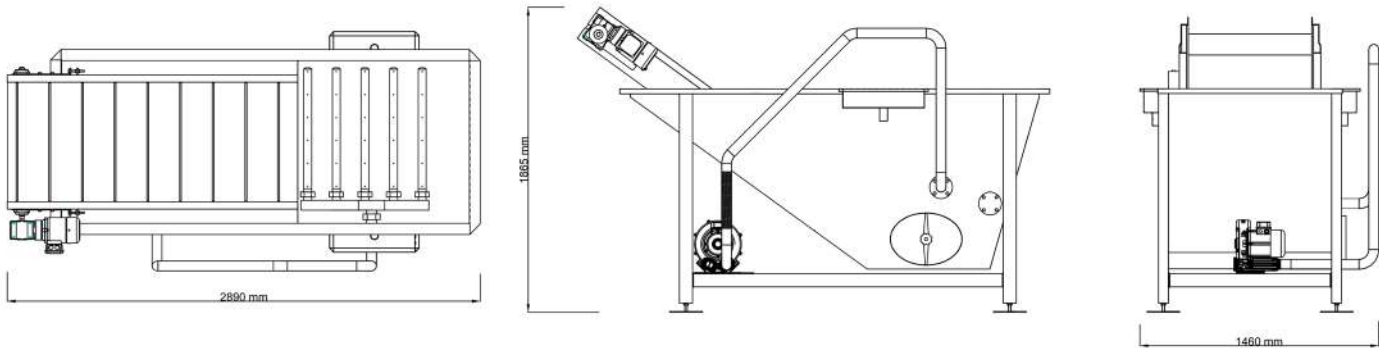


VIDEO

The barboter is the ultimate solution for efficient and effective washing of fruits and vegetables in large scale operations. This machine features a hopper with water and belt conveyor system that allows for seamless washing and transfer of produce to boxes.

Barboter ensures thorough cleaning and helps to sanitize the produce for even greater food safety.

With its spacious design and high-capacity capabilities, the barboter is the perfect choice for farmers, food production facilities, and any operation that requires large-scale processing of fruits and vegetables.



PROCESSING EQUIPMENT

MACHINE FOR REMOVING OLIVE LEAVES FROM THE BRANCH - SSL-M/60



VIDEO

The SSL-M/60 is a specialized machine that is specifically designed for removing olive leaves from branches. It is constructed from carbon steel, which ensures that it is able to withstand the rigors of regular use.

The machine features a rotor with an electric motor drive that is located within the casing. The rotor is responsible for cutting and separating the leaves from the branches using PVC strings.

One of the key features of this machine is that it is designed to be operated manually, which means that users can control the dosing of the processing material, providing a level of precision and control that is not possible with more automated systems.

This machine is an efficient and reliable solution for removing leaves from olive branches, making it an ideal choice for olive farmers, processors, and other related industries.



PROCESSING EQUIPMENT

HYDRAULIC PRESS HP-20

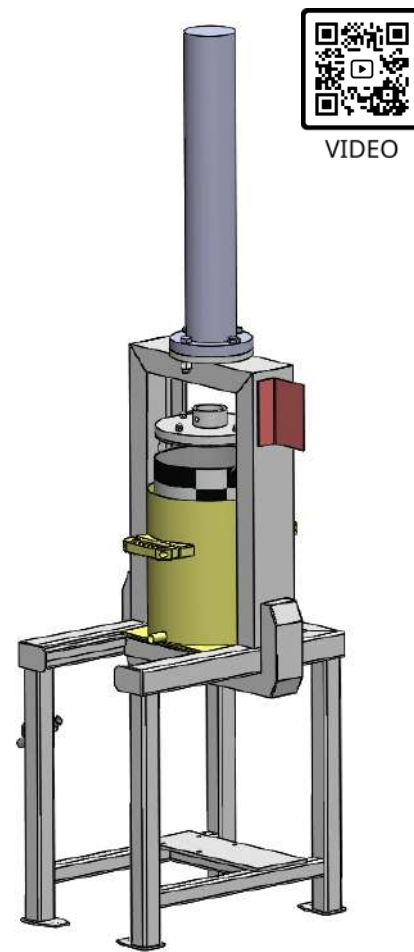
Hydraulic 5-ton press HP-20 is designed to press macerated herbs for extraction of different bioactive components, but is practically universal and can be used for small scale production of different pressed products.

Material that is ready to be pressed is placed into a 20 L perforated container.

Pressure of 65 bar is achieved via hydraulic pump driven by single-phase electric motor and hydraulic cylinder. Manometer at the operator side shows the achieved pressure in the cylinder.

Press is operated manually using joystick for up and down motion.

To prevent damage to the perforated container, there is safety function that prevents down motion of the piston if the perforated container is not in the correct position.

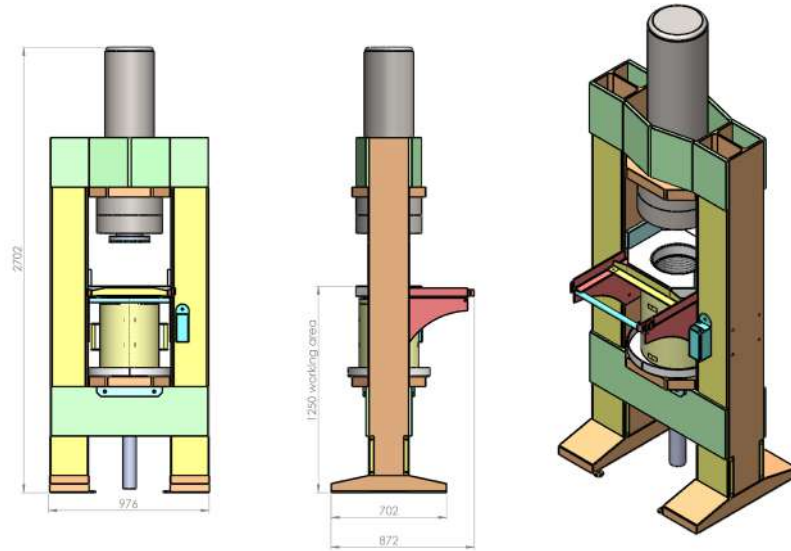


PROCESSING EQUIPMENT

HYDRAULIC PRESS HP-300

HP-300-2 are designed for pressing of prepared and cooked ground mass of pumpkin seeds. Hydraulic press is equipped with hydraulic aggregate, electrical control cabinet, cylinder for filling and pressing of material.

When charging, the pressing cylinder with the conditioned and heat treated mass, between batches volume of 1.5-2 l two circular plates are placed for the purpose of quality pressings. Process of pressing is controlled via control cabinet or manual controls via hydraulic drive.





PROCESSING LINES

In the processing of a dried product, that is cutting, threshing, screen separation and airflow classification we offer custom designed units that can work separately or combined with other machines in one processing line.

With our integrated line it is possible to separate in continuous all those components of a medicinal herb or plant. We can separate heavy from light (seeds from husks), long from short (leaves from stems), little from big (tea cut from tea-bag-cut).

This allows the producer to collect in automatic the best of his production.

PROCESSING LINES

CHAMOMILE PROCESSING LINE- basic assembly



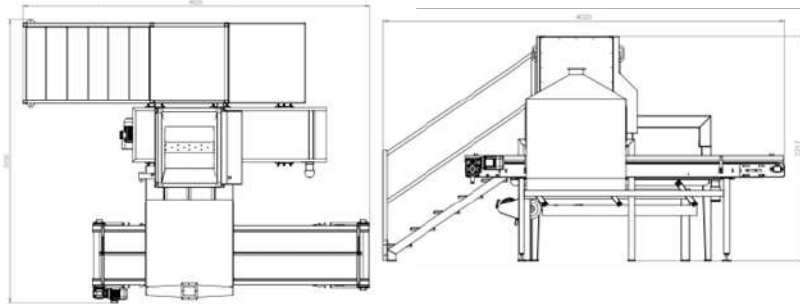
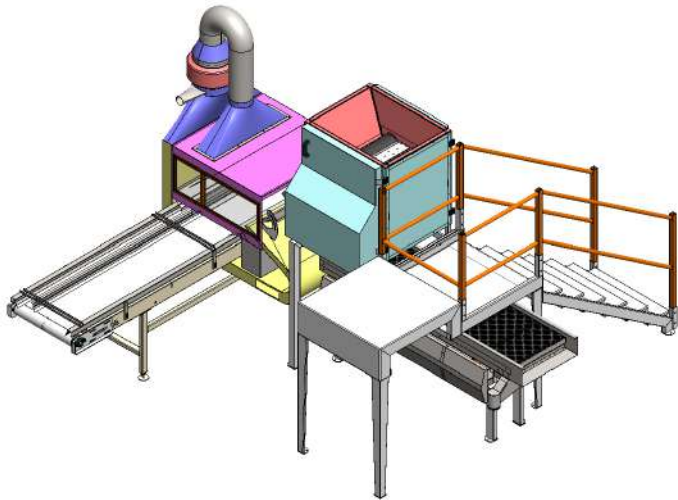
VIDEO

The processing material is placed manually into the hopper of chamomile flower head cutter where is performed separation of chamomile flowers from the rest of the stem. Separated herb stem is cut into the smaller fractions of size 10 – 20 mm (16 mm preferable).

Separated chamomile flowers are falling onto the string sieve of the chamomile flower head separator and into the pneumatic separator for a pneumatic separation. Pneumatic separator separates the chamomile flower heads on 1st class chamomile flower heads from the 2nd class chamomile flower heads. Separator separates also impurities (dust, rock, metal) and all according to the weight of fractions, with tangential separation of dust. After the pneumatic separator, as a part of this machine, there is belt conveyor for transport of classified processing material into the final boxes/ containers prepared from the Customer. Also organioleptic inspection could be done on the same conveyor.

The mixture of the rest of the herb from the chamomile flower head separator is dosed onto the vibrational sieve and is being separated on three fractions: dust, extra pulvis, herba+petals.

Capacity:	85 kg/h
Electric power:	3 kW



INPUT MATERIAL



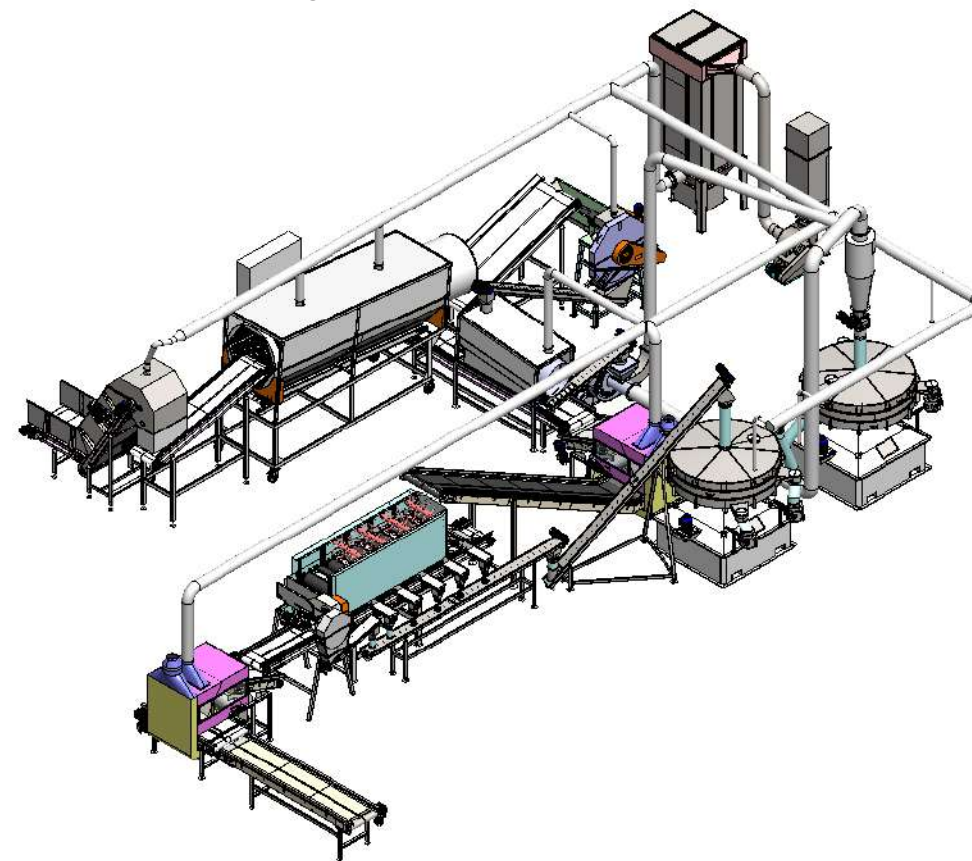
OUTPUT MATERIAL

PROCESSING LINES

CHAMOMILE PROCESSING LINE

The chamomile processing line consists of dosing system, conveyors, cylindrical separators, cutters, screw conveyors, pneumatic separators, flower separators, planetary sieves, and filters. The line consists of dosing system, conveyors, cylindrical separators, cutters, screw conveyors, pneumatic separators, flower separators, planetary sieves, and filters. Chamomile is dosed on the input conveyor, which is carried evenly by the inclined conveyor with built-in spikes according to the given set capacity and fed into the cylindrical separator via the inclined belt conveyor. In a cylindrical separator, chamomile flowers (heads) are separated from the herbal part of the plant. The herbal part of the stem continues towards the cutter, where the material is roughly cut and returned to a small cylindrical separator in order to further separate the flowers from the herbal part of the stem. Furthermore, the herb is transported to the mill for milling shredding it in the so-called Industrial or herbal pulvis. The sifted flowers on the large and small cylindrical separator are connected on a common belt conveyor and enter the pneumatic separator, where heavier impurities, metal, stone, and soil are separated and thus preventing further stoppages. The flower from the separator is transferred transported by an inclined conveyor to the chamomile flower (head) separator, where the stem is separated to a maximum of 15 mm in total length. The separated flower is sent to the pneumatic separator where it is separated into the first and second classes. The first class is manually sorted from possible impurities on the revisionary belt conveyor or on the machine with optical and similar devices. The mixture of the stalk, extra pulvis, and petals is transported by screw conveyors to the planetary sieve where the extra pure pulvis is separated from the rest of the material (petal and stalk). After separating the flowers, the remaining herb (stalk) enters the cutter, where it is chopped into a fraction of 0-10 mm and together with the materials separated above travels to the planetary sieve. From the planetary sieve, the small stalk and petals enter the pneumatic transport of the mill, from where, after milling, they are transported to another planetary sieve where the material is separated into 3 fractions. The upper fraction is returned to the mill, the middle fraction is the required fraction of 0.25 – 1 mm (or similar), and the third is dust < 0.25 mm.

In the process of material manipulation and milling, dust is created, but it's separated on the planetary sieves. Another type of dust, floating dust, is taken to the air filter by dedusting.



PROCESSING LINES

ROSE HIP PROCESSING LINE

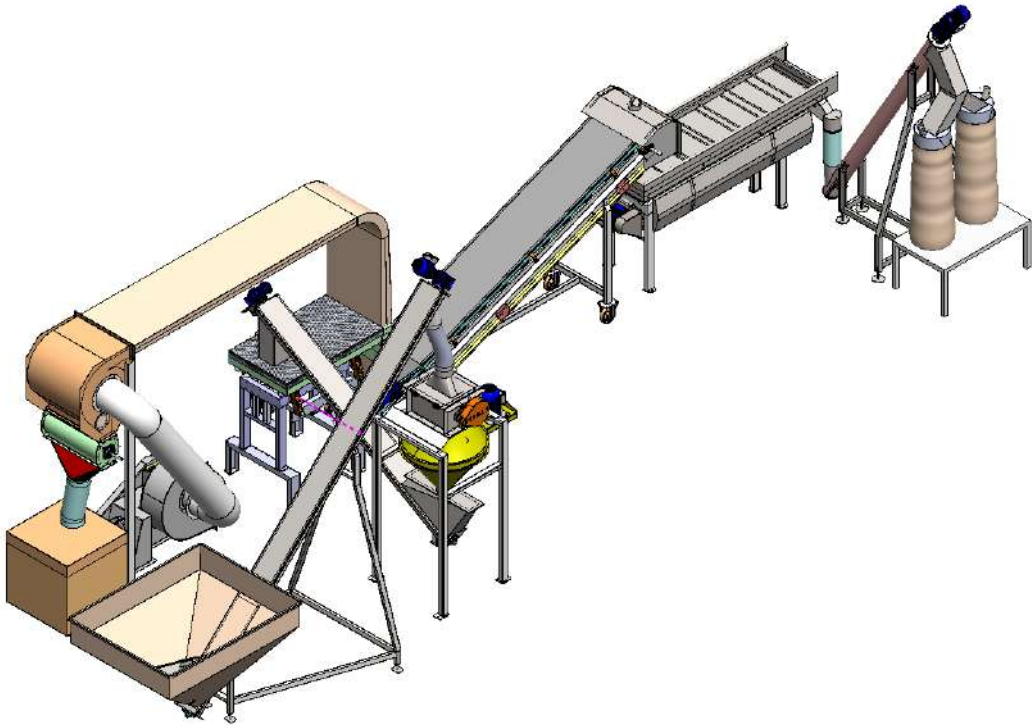


VIDEO

Processing material (whole rose-hip fruit) is dosed into the hopper of dosing screw conveyor. Screw conveyor is dosing rose hip seeds evenly into the Rosehip grinder with centrifugal separator, where the fruits are being open separated in parts: fruit, seed and hair. After the opening of rose hip fruits, the mixture of all the parts is transported with screw conveyor on the vibrational conveyor of pneumatic separator. Vibrational conveyor is used to get the even layer of the processing material entering the pneumatic separator.

Processing material is dosed into the input tube of pneumatic separator. In pneumatic separator, using air flow produced by a fan, the processing material is separated on two fractions, according to the weight. The limit of separation is defined with parameters for air flow speed on the electronic control cabinet.

The pneumatic separator has two outlets: one for heavier fractions (mixture of fruit parts and seeds) and one for lighter fractions (rose hip hairs). The seeds and fruit parts after being cleaned of hairs, are dosed onto the vibrating sieve for separation of seeds out of the rest of the fruits. The seeds are being dosed into the bags by screw conveyor for filling the bags. The processing could end here or being continued to TBC size processing.



Capacity:	400 kg/h
Electric power:	up to 10 kW

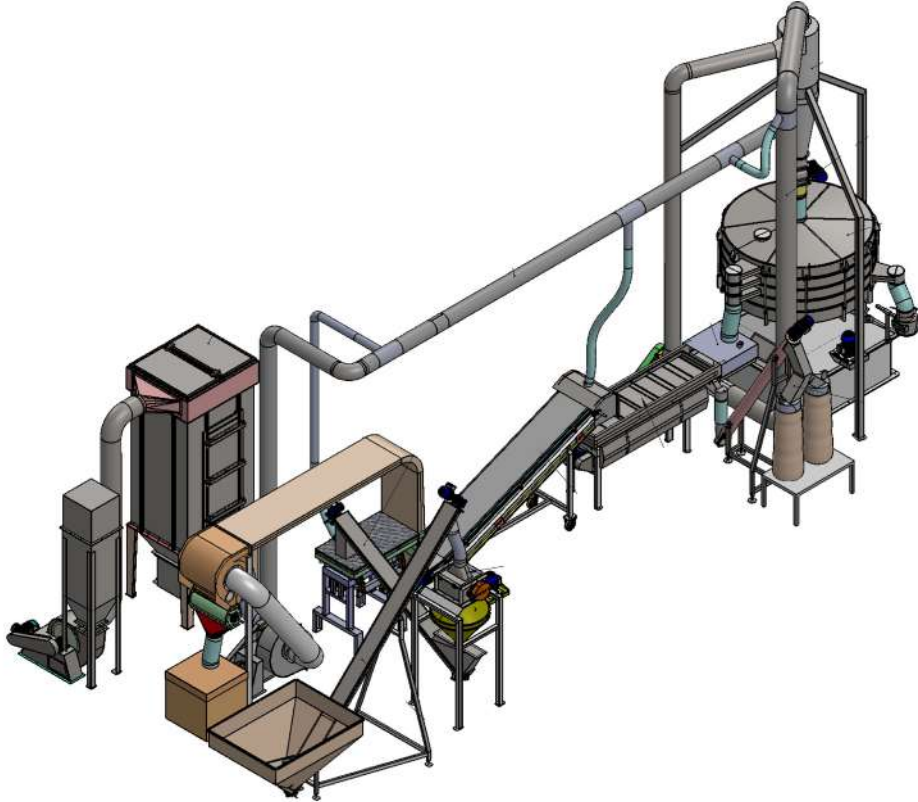
PROCESSING LINES

TBC ROSE HIP PROCESSING LINE

Processing material (whole rose-hip fruit) is dosed into the hopper of dosing screw conveyor. Screw conveyor is dosing rose hip seeds evenly into the Rosehip grinder with centrifugal separator, where the fruits are being open separated in parts: fruit, seed and hair. After the opening of rose hip fruits, the mixture of all the parts is transported with screw conveyor on the vibrational conveyor of pneumatic separator. Vibrational conveyor is used to get the even layer of the processing material entering the pneumatic separator.

Processing material is dosed into the input tube of pneumatic separator. In pneumatic separator, using air flow produced by a fan, the processing material is separated on two fractions, according to the weight. The limit of separation is defined with parameters for air flow speed on the electronic control cabinet. The pneumatic separator has two outlets: one for heavier fractions (mixture of fruit parts and seeds) and one for lighter fractions (rose hip hairs). The seeds and fruit parts after being cleaned of hairs, are dosed onto the vibrating sieve for separation of seeds out of the rest of the fruits. The seeds are being dosed into the bags by screw conveyor for filling the bags.

While continuing process, rose hip fruit parts are dosed from the first floor (big fraction) of vibrational sieve into the mill for shredding the processing material into the smaller fractions. After the milling the processed material is transported via pneumatic transport into the multi layer rotary screen for final sieving and the overfraction is transported back to the mill for additional shredding. The material is finally sieved into three fractions (possibly four) and on size defined with mesh screen on multi layer rotary screen. There is also possibility to install the magnets on final outputs, in order to separate ferromagnetic metals out of the final material.



Capacity:	900 kg/h
Electric power:	up to 18 kW

PROCESSING LINES

REBLING PROCESSING LINE WITH BATCH INPUT MATERIAL



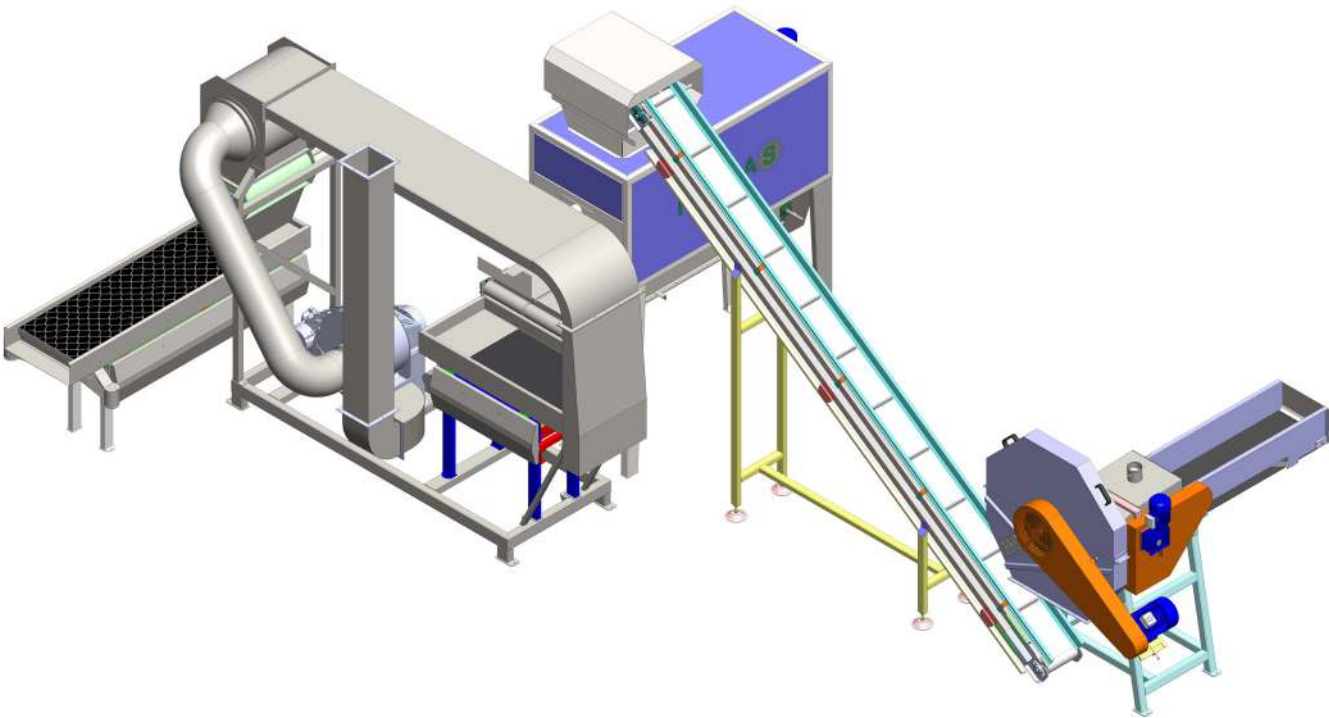
VIDEO

Dried processing material is dosed onto the input belt conveyor of herb cutter where is cut on size of maximum 100 mm. After cutting, processing material is dosed onto the conveyor for filling the rebler and dosed into a hopper of rebler. In rebler is performed mechanical separation of stem from the leaf.

The big fractions of the stem on back output of the rebler are transported through hopper tube with free fall into the container prepared by Customer. Smaller fractions of the stem, along with separated leaf material, are dosed on vibrational conveyor, where processing material is spreading through whole it's surface in order to be dosed equal into the pneumatic separator.

In pneumatic separator, using air flow produced by a fan, the processing material is separated according to the weight, on two fractions. The limit of separation is defined with parameters for air flow speed on the electronic control cabinet. The pneumatic separator has two outlets: one for heavier fractions and one for lighter fractions. The heavier fractions like stem, stone and metal are falling through nearest output hopper tube with free fall into the container prepared by Customer.

The fan of the pneumatic separator vacuums smaller fractions which are via airlock dosed on a two-levelled vibrational sieve and sieved on three fractions, according to the size of mesh screen.



Capacity:	200-300 kg/h
Electric power:	up to 15 kW

PROCESSING LINES

REBLING PROCESSING LINE WITH BALLED INPUT MATERIAL

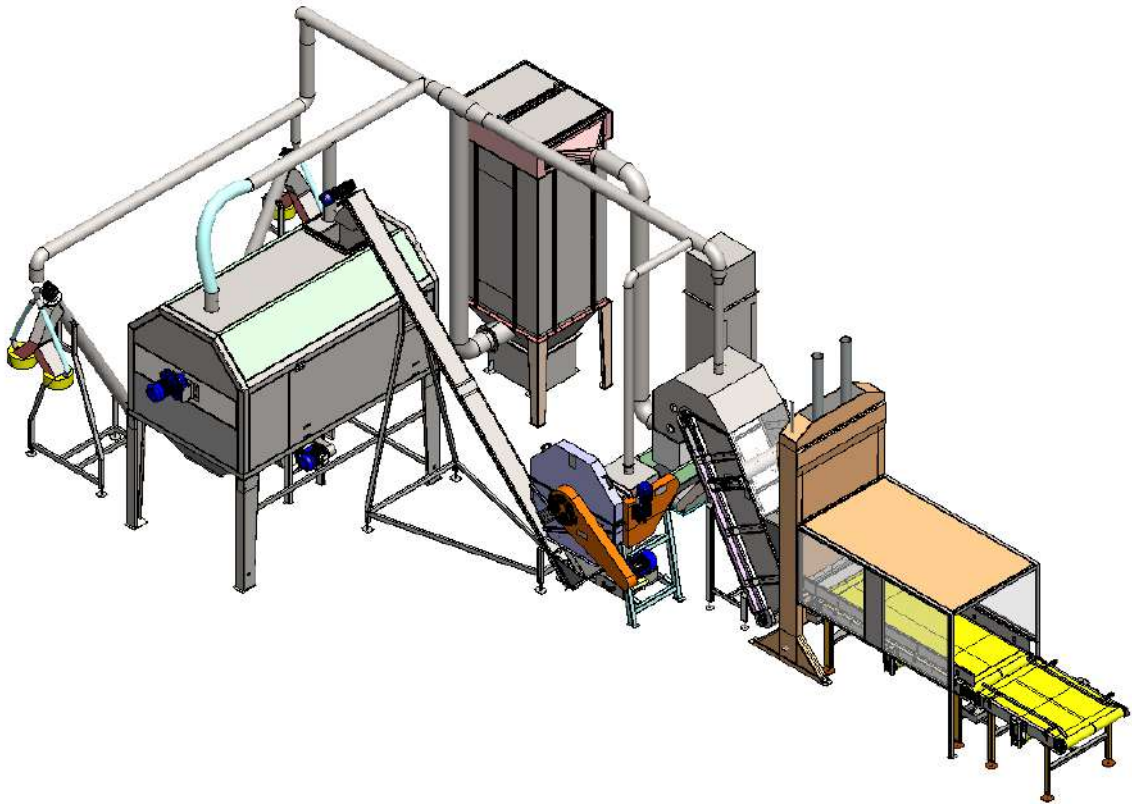
Dried processing material is dosed onto the input belt conveyor. The material could be either in bales, either bulk material. Processing material is further transported into the herb cutter for preparation to conciss material, where is cut on size of maximum 100 mm (preferential 20-50 mm). After cutting, material is dosed into dosing screw conveyor for filling the rebler and dosed into a hopper of rebler. In rebler is performed mechanical separation of stem from the leaf.

The big fractions of the stem on back output of the rebler are transported through hopper tube with free fall into the container prepared by Customer.

Smaller fractions of the stem, along with separated leaf material are dosed on a two-levelled vibrational sieve. Vibrational sieve is sieving processing material on three fractions, according to the size of mesh screen.

Final processed material is dosed into the prepared bags via final screw conveyor.

Processing line is attached to filtration system in order to avoid the dust in working area around the processing line. Dry filter system, with pipeline is design like pulse jet bag filter for dedusting of processing line at the points of the process. Pulse jet bag filter, is a self-cleaning dry filtration system. The pulse jet dust collector cleaning system removes particulate matter and dust from the surface of internal filter media with bursts of compressed air.



Capacity:	600 kg/h
Electric power:	up to 18 kW

PROCESSING LINES

PRODUCTION AND PROCESSING LINE FOR FINELY CUT PELLETS

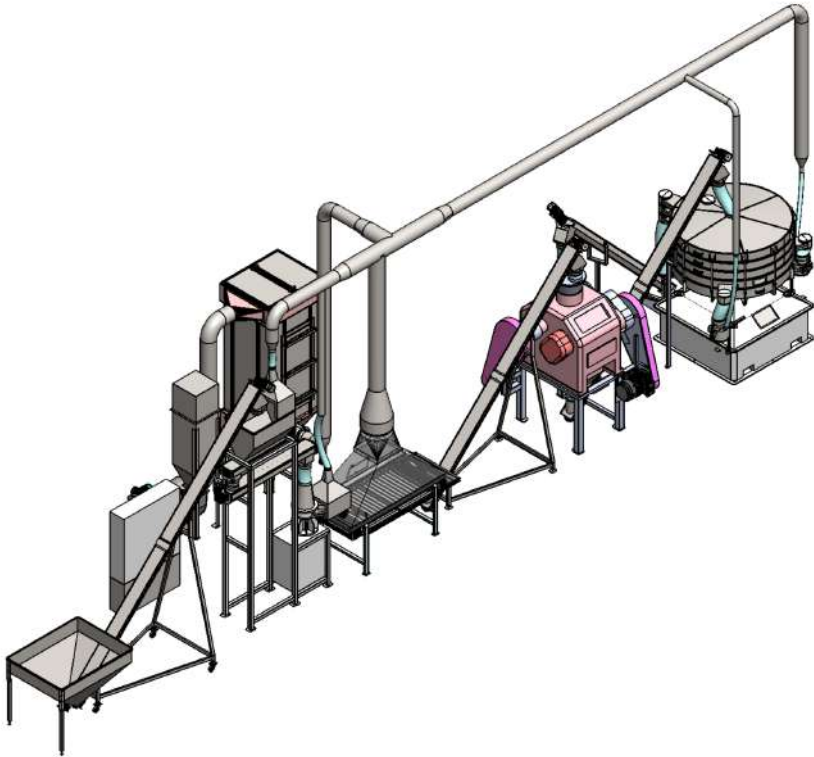


VIDEO

Processing material (powdered or milled) is placed inside of conveyor hopper and transported inside of chute of Pelleting machine. Inside of hopper is actuator for constant dosing of material into the screw conveyor and further to pelleting machine. Inside of pelleting machine processing material is pressed and shaped to pellets. Material from pelleting machine is transported to Cooler where is cooled as fast as possible by airstream on temperature required for further processing to roller mill. Roller mill is used for milling pellets into required fractions in one or several passes. Crushing and grinding of material inside mill is achieved by two pair of rollers, where material is crushed by passing between rollers.

Distance between rollers is adjustable. After milling, processing material is transporterd to Multilayer rotary screen which is designed for tumbler screening. This kind of screening is a separation method that uses three-dimensional elliptical movement to separate very fine particles from larger ones. Material from inclined screw conveyor is transported inside of screen and separated to size of particles required for final product. Multi-layer rotary screen can have few floors, depending on size of final product. Larger particles on upper floors are returned to roller mill, by screw conveyor, for additionally crushing. Lower floor material is usually final product.

Processing line is attached to filtration system in order to avoid the dust in working area around the processing line. Dry filter system, with pipeline is design like pulse jet bag filter for dedusting of processing line at the points of the process. Pulse jet bag filter, is a self-cleaning dry filtration system. The pulse jet dust collector cleaning system removes particulate matter and dust from the surface of internal filter media with bursts of compressed air.



Capacity:	400-500 kg/h
Electric power:	up to 35 kW

PROCESSING LINES

TBC PROCESSING LINE



VIDEO

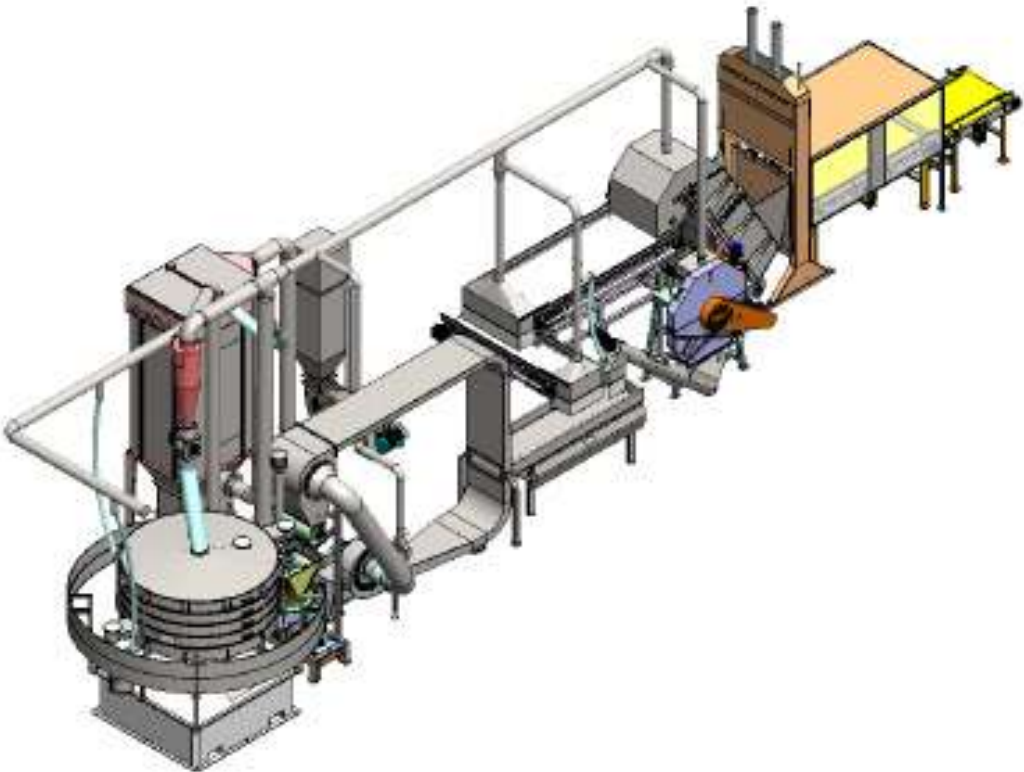
Dried processing material is dosed onto the input belt conveyor. The material could be either in bales, either bulk material. Processing material is further transported into the dosing conveyor which transport material into the herb cutter where is cut on size of 20-50 mm. After cutting, material is dosed onto the belt conveyor for dosing the vibrational conveyor. Vibrational conveyor is spreading the processing material through whole it's surface in order to dose it equal into the pneumatic separator.

In pneumatic separator, using air flow produced by a fan, the processing material is separated, according to the weight, on two fractions. The limit of separation is defined with parameters for air flow speed on the electronic control cabinet. The pneumatic separator has two outlets: one for heavier fractions and one for lighter fractions.

The heavier fractions like stem, stone and metal are falling through nearest output hopper tube with free fall into the container prepared by Customer.

The fan vacuums smaller fractions which are via airlock dosed on a two-levelled rotating-planetary sieve and sieved on three fractions, according to the size of mesh screen. Final processed material is dosed into the prepared bags via final screw conveyor.

Processing line is attached to filtration system in order to avoid the dust in working area around the processing line. Dry filter system, with pipeline is design like pulse jet bag filter for dedusting of processing line at the points of the process. Pulse jet bag filter, is a self-cleaning dry filtration system. The pulse jet dust collector cleaning system removes particulate matter and dust from the surface of internal filter media with bursts of compressed air.



Capacity:	400-500 kg/h
Electric power:	up to 35 kW

DRYERS FOR AGRICULTURAL PRODUCTS

Fruit is most commonly dried inside trolley dryers, with horizontal air circulation between the different shelves of the trolley. Vegetables are normally dried inside trolley dryers, but it is not uncommon to use floor chamber dryers as well, with either a stable or segmented moving floor. A floor chamber dryer is also commonly used for drying medicinal herbs, although good efficiency is also attainable using a continuous flow dryer. Tobacco is dried inside a standard floor trolley dryer equipped with racks for loading tobacco leaves or, in the case of machine harvesting, chamber dryers that enable loading into specially designed containers.

Along with the solutions above, we also offer accompanying thermal generators powered by the following energy sources: biomass, natural/liquefied gas or heating oil.



DRYING EQUIPMENT

FLOOR CONTAINER DRYER HKS-12/60



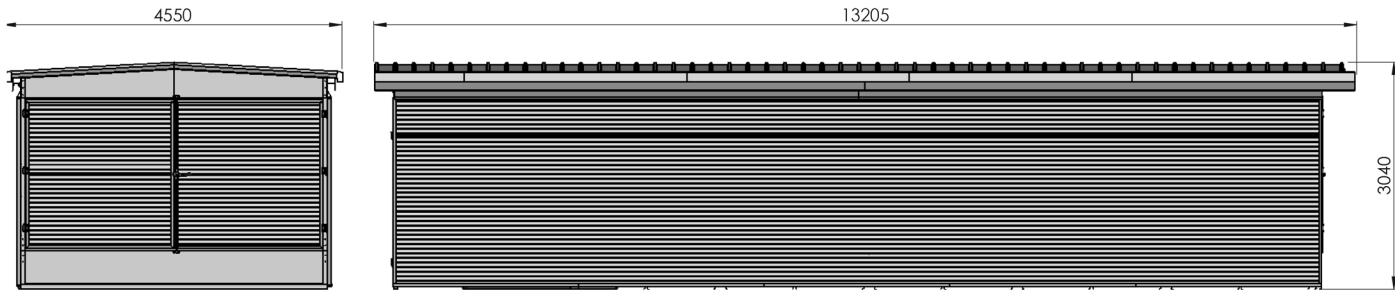
Floor container dryer is designed for drying of herbs, grains , pumpkin seeds, vegetables, mushrooms etc.
Dryer HKS -12/60 is produced in 3 sizes with an effective surface area of the floor 24 m², 32 m² or 40 m² meters.

Construction of the dryer is made from galvanized steel pipes, and the walls and roof of thermo-insulating panels 50 mm thick with a polyurethane filling. The dryer is container type and certificeted as machine.
Floor of the dryer is made of perforated galvanized sheet metal thickness of 1.5 mm, Ø 3.2 mm perforations.
The doors are double for charging and discharging of processing material.

Dimensions of the dryer:
height: 2800 mm / width: 4000 mm
Layout of an effective length:
6000 mm for the dryer of 24 m² / 8000 mm for the dryer of 32 m² / 10000 mm for the dryer of 40 m²

Dryer capacity for the layer of 50 cm, the effective surface area:

m2	m3
24	12
32	16
40	20



DRYING EQUIPMENT

PORTABLE CONTAINER DRYER



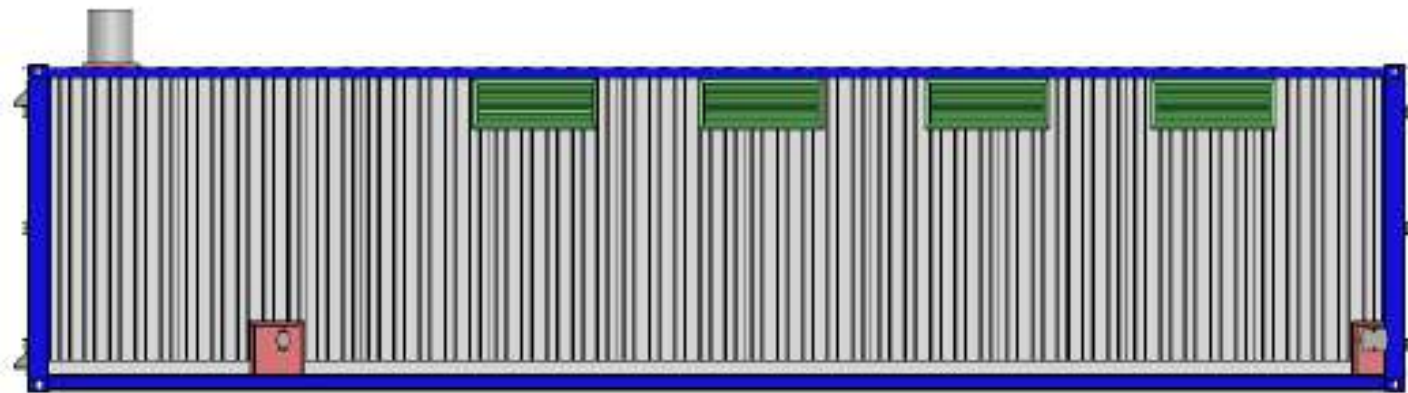
VIDEO

Designed for drying of herbs, grains, pumpkin seeds, vegetables, mushrooms etc. in several location during the season.

Construction of the dryer is made of shipping container and the walls and the roof of thermo-insulating panels.

The doors are double doors in front and one on the back at thermal generator.

Floor of the drier is made of perforated galvanized sheet metal thickness of 1,5 mm and Ø3,2 mm perforations, with possibility of floor to be mobile loading and discharge of processing material without entering the dryer.



DRYING EQUIPMENT

PORTABLE CONDENSATION DRYER - KSP 22



VIDEO

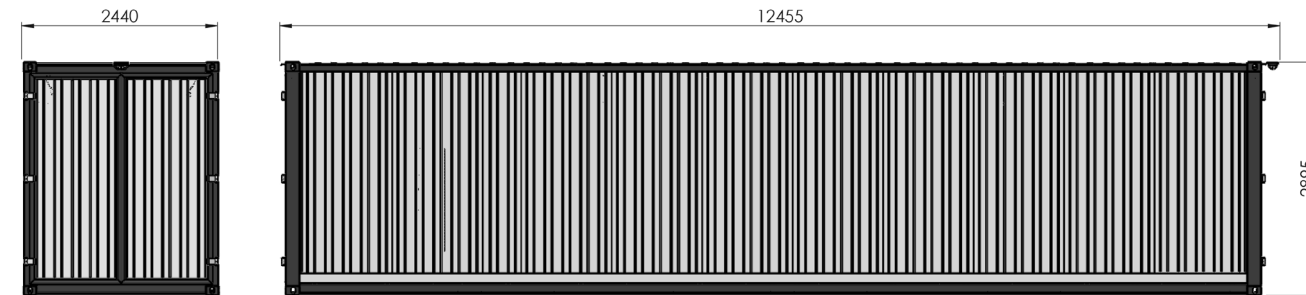
The type KSP 22 condensation dryer is intended for drying all types of plant mass, especially that where the loss of essential oils during the drying process needs to be prevented.

At temperatures over 30%, losses become significant due to oil volatility. When it comes to condensation dryers, drying may be conducted at lower temperatures, from 20°C to 30°C, where fresh air is not added, but rather the same air is constantly recirculated.

Moisture condensation and extraction from the chamber is conducted by air passing through a capacitor. In other words, during recirculation the air captures the moisture from the plant mass being dried and supplies it in the form of water in the capacitor.

The dryer is designed as both a trolley and floor dryer, i.e. the plant mass can be supplied through the perforated dryer floor or into shelves (frames with a permeable bottom) on one or more levels. Supplying through the floor or one or more levels depends on the type of material, density and layer height.

This method of drying with the same air being recirculated and without adding fresh air leads to significant energy savings, but above all, it improves the quality of the final product. The only drawback is longer drying times, i.e. a higher number of units of time is needed for the same volume of dried plant mass. More specifically, the drying time of the condensation dryer is 36 to 48 hours. Lastly, it is important to highlight not only the significant energy savings, but also the quality of the final product, which retains almost 100% of the plant content.



DRYING EQUIPMENT

TROLLEY DRYER - HRS 1000-2

Trolley dryer is designed for drying raw (green) plant material, fruits and vegetables.

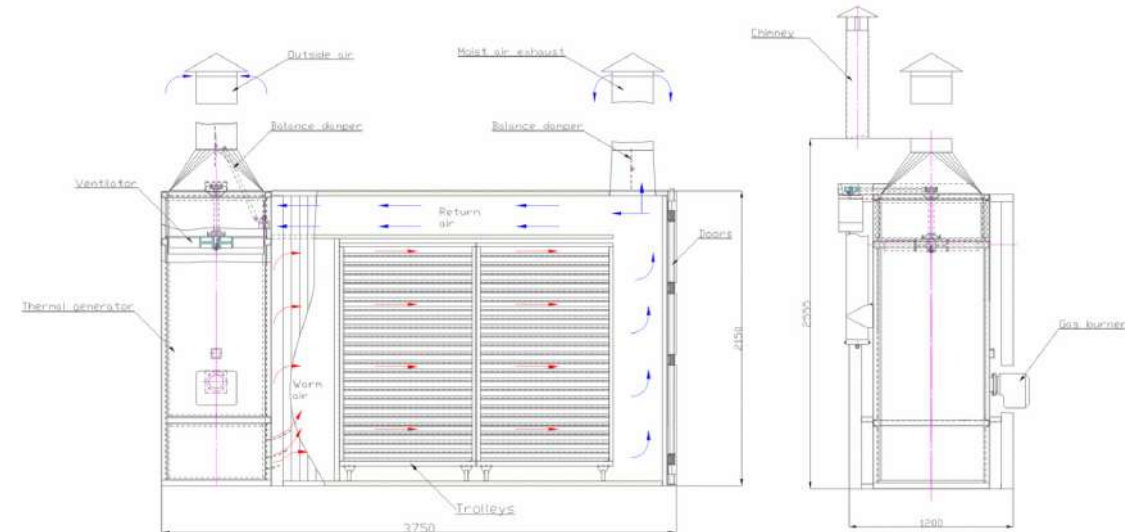
Mode: Processing material is dosed in an even layer on the shelves of trolleys which are placed inside the dryer. Heating of the air to the temperature required for the drying is carried out with thermal generator. The heated air is blown into the dryer by fan.

Airflow in the dryer is horizontally, between the shelves i.e. between layers of processing material. Moisture saturated air is ejected through outlet flaps or outlet channels and unsaturated outside air is drawn through the flaps or channel for unsaturated air. In order to allow work of automatics and automate the process of drying, in the dryer could be located temperature and humidity probes.

When the humidity drops to a certain level (according to set parameters on the control cabinet), the valve to discharge moist air closes and drying is carried out in unsaturated air recirculation in automatic mode.

Construction: Profiled INOX AISI 304 sheet metal

Revetment: Thermal isolation panels 50 mm thick



DRYING EQUIPMENT

THERMAL GENERATOR - NATURAL GAS

Thermal generators type HT-P90 and HTG-160P are designed for heating the space with warm air, often use for drying but could also be adjusted for heating.

Thermal generator with power of 50 – 160 kW can be equipped with an axial or radial fan, his capacity is 14.000 to 30.000 m³ of air, with single-gas burner, gas ramp, electronic thermostat with temperature probe and electrical cabinet.

Fuel: natural gas or LPG



THERMAL GENERATOR - FUEL OIL

Thermal generators type HT-P90 and HTG-160P are designed for heating the space with warm air, often use for drying but could also be adjusted for heating.

Thermal generator of power of 50 – 150 kW can be equipped with an axial or radial fan, his capacity is 14.000 to 30.000 m³ of air, single-oil burner, electronic thermostat with temperature probe and electrical cabinets.

Fuel: fuel oil



DRYING EQUIPMENT

THERMAL GENERATOR - BIOMASS WITH AUTOMATIC DOSING



VIDEO

Thermal generator type HT-AD is designed for heating spaces with warm air, often used for drying.

Energy source: wood chips G20 or wood pellets. The fuel is put into the input hopper which is 1 m³ of capacity, through which it is transported by a screw conveyor system into the furnace.

Thermal generator furnace is made out of sheet metal and the parts that are exposed to intensive heat are made out of fireproof sheet metal.

Thermal generator of power of 10 – 150 kW can be equipped with an axial or radial fan, his capacity is 14,000 to 30,000 m³ of air, electronic thermostat with temperature probe and electrical control cabinet. The removal of ash is done manually by emptying ash-container.





TRANSPORT EQUIPMENT

Our transport equipment production programme includes various standard transporters and transport systems.

We design and manufacture conveyor belts, screw conveyors, roller conveyors, chain conveyors, bucket conveyors, segmented and pneumatic conveyor systems according to the specific requirements and project assignment and in cooperation with the client. All of these can be constructed from either standard carbon steel or stainless steel.

TRANSPORT EQUIPMENT

BELT CONVEYOR

Belt conveyors are designed for transport of bulk and unit loads.
Depending on the purpose, they are used in processing lines or as a standalone machine.

According to the purpose, selection for the conveyor belts is carried out, for which we provide all the necessary certificates (FDA standards, etc.).

Dimensions of conveyors:

Width: 200-1200mm (according to the technology and Customer requirements)

Length: up to 30.000 mm (according to the Customer's requirements)



ROLLER CONVEYOR

Roller conveyors are designed for the transport of various compact cargo, mostly in production and packaging lines and transports to storages.

We produce roller conveyors with a drive and without drive.

Dimensions of conveyors:

Width: 100-1500mm (according to the technology and Customer requirement)

Length: According to the Customer requirement



TRANSPORT EQUIPMENT

SCREW CONVEYOR

Screw conveyors are an essential tool in the material handling industry, providing a reliable and efficient method for transporting bulk materials, powders, and seeds from one point to another. These conveyors are commonly used in a wide range of industries, including agriculture, food processing, and manufacturing.

One of the key advantages of screw conveyors is their ability to handle both dry and semi-dry materials, making them suitable for a wide range of applications. They are also known for their ability to accurately and evenly dose transport materials, ensuring consistent and precise movement of materials.

Our company specializes in the production of standard screw conveyors, with diameters ranging from 60mm to 400mm. Our conveyors are built with high-quality materials and are designed to withstand the rigors of heavy-duty industrial use.



CHAIN CONVEYOR

Chain conveyors are an efficient and versatile option for transporting various types of compact cargo in production and packaging lines. They are particularly useful for handling cargo at parallel processing lines, as they can easily adapt to different dimensions and technology requirements.

The width and length of the conveyor can be customized to meet the specific needs of the application.

Additionally, chain conveyors are durable and require minimal maintenance, making them a cost-effective solution for a wide range of industries.



TRANSPORT EQUIPMENT

PNEUMATIC TRANSPORT

Pneumatic transport is designed for the transport of powder, fine grain and granular materials, with particle size up to 15 mm. The system is made of structural steel, and is consisting of a dosing system, the hopper, piping, tangential horizontal or vertical cyclone separator, airlocks and fan cell. Dosing starts in the hopper of pneumatic transport where the processing material is transported by pipeline to the separator.

Separation system consists of a tangential horizontal or cyclone separator.

In closed pneumatic transports with most of the air in recirculation, with tangential separator on fan drive is performed dedusting of pipes and maintenance of the entire system in a negative pressure and thereby preventing leakage of dust in the working area or the environment.



VIBRATIONAL CONVEYORS

Vibrational conveyors are a versatile and efficient means of material transportation. They work by utilizing vibrations to move materials from the input to the output of the conveyor.

This allows for the efficient and equal distribution of materials, making it ideal for use as a preparation step in processing operations.

The transport speed of the vibrational conveyor can be adjusted by adjusting the amplitude and frequency of the vibrations, allowing for optimal performance with different types of materials. They are commonly used in a variety of industries such as food processing, mining, and manufacturing.



INDUSTRIAL EQUIPMENT

Our company specializes in providing top-of-the-line industrial equipment for a variety of industries.

Our offerings include solutions for desinsection with CO₂, pasteurization with steam vacuum chambers, efficient processing lines for creating pellets, metal detection, separation of electronic waste, and essential equipment for the food industry.

With years of experience and a commitment to quality, our products are designed to meet the specific needs of each industry and enhance the production processes.



CHAMBERS FOR DISINSECTION WITH CO₂

HIGH-PRESSURE CHAMBER FOR DISINSECTION WITH GAS CO₂

Chambers are designed for disinsection of herbs and food raw materials by using gas CO₂. Chamber for disinsection is the horizontal high pressure vessel shape, the outer diameter of 1.900,00 mm and a total length of 10.000,00 mm.

The volumetric capacity of the chamber is about 20 m³ and a working chamber capacity is in a function ratio of both the gas pressure and treatment time. For gas pressure of approx. = 12 bar duration of treatment is about 12 hours.

The processing material is placed on euro-pallets. On a front side of chamber are doors for charging the material into the chamber. Doors are same diameter as chamber.

Both sides of the chamber are closed by concave floor; one side of the chamber was closed by welding and the other side is closed with doors with a bayonet closure system hanging from a bracket that is attached to a moving frame. The lid is sealed with gasket of special construction.

When the period of disinsection is done, the rest of CO₂ is ejected out of the chamber with ventilation system. Regarding the fact this chambers come in pair, 50% of CO₂ left after processing can always be transported to a neighbor chamber. After a safe system for measuring of CO₂ measures that CO₂ concentration is in permitted level, doors of the chamber can open and then can start the process of emptying the chamber.



CHAMBERS FOR DISINSECTION WITH CO2

LOW-PRESSURE CHAMBER FOR DISINSECTION WITH GAS CO2

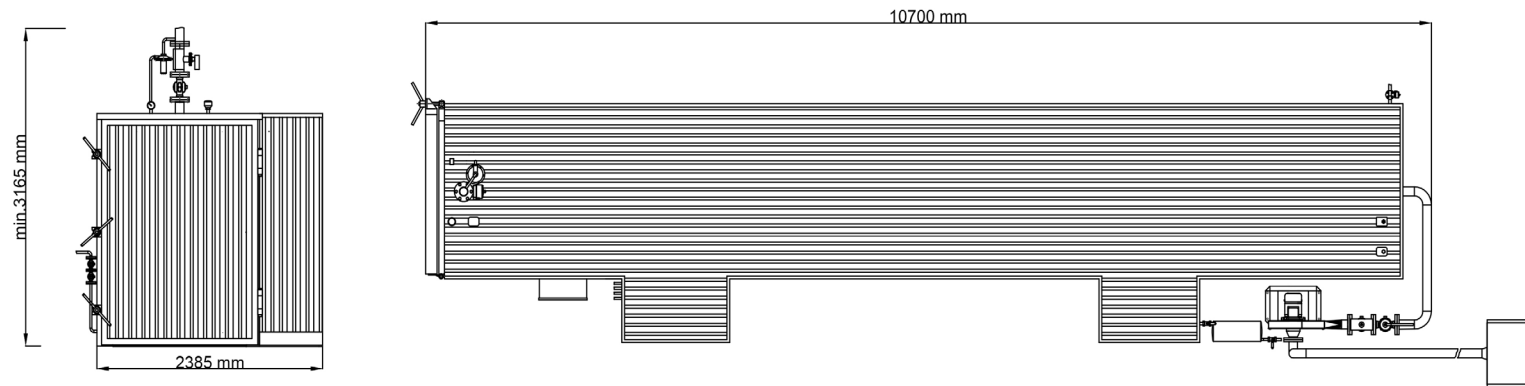


VIDEO

Chamber is designed for disinfection of herbs and food raw materials by using gas CO₂. Chamber for disinsection is the horizontal isolated container.

The volumetric capacity of the chamber is about 22 m³ and a working chamber capacity is in a function ratio of both the gas pressure and treatment time. For gas pressure of approx. = 0,2 bar duration of treatment is about 72 hours.

The processing material is placed on euro-pallets. On a front side of chamber are doors for charging the material into the chamber.



VACUUM CHAMBERS

VACUUM CHAMBERS FOR PASTEURIZATION WITH STEAM

The purpose of the chamber for steam pasteurization is to reduce bacterial contamination to allowed level.

Processed medicinal herbs are fed into permeable bags in maximum layer of 80 mm, which are placed on the shelves of trolleys. The process of pasteurization begins with vacuuming or drawing the air out from the space of vacuum chamber. Vacuuming is performed by using a vacuum pump with water ring to a minimum level of 80% of vacuum. Upon attaining the desired level of negative pressure, in the space is put dry steam that penetrates deeply into the material layer for pasteurization and in a short period of time the temperature of the layer rises to the desired level, usually in the range of 70-80 °C. The maximum possible temperature is 94 °C and then transfers to overpressure.

After reaching the set temperature and the flow of time required for successfully carried out process of pasteurization, equalization of the internal pressure of the chamber with the external pressure is carried out and with that ends the process. With pressure equalization of chamber pressure with environment pressure the intake of outside air is performed and due to preventing contamination of the treated material must be filtered through a HEPA filter.



FILTRATION EQUIPMENT

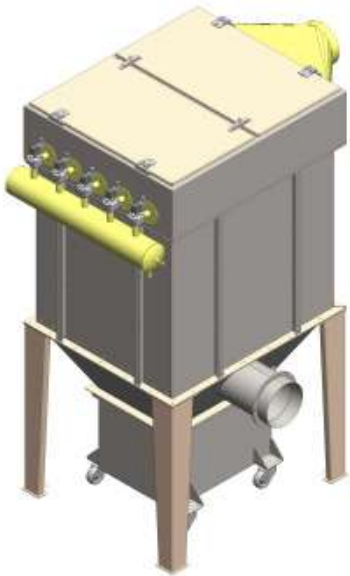
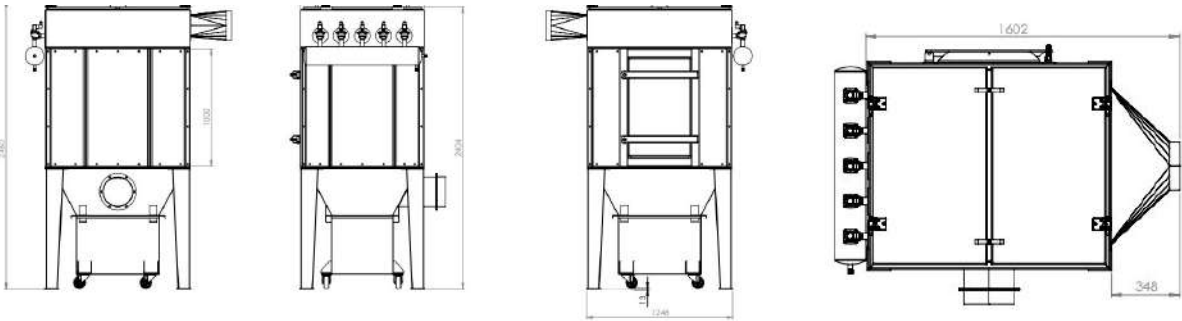
FILTER - HVF 24

The filter, type: HVF-24, is designed for collecting the dust generated during processing. The filter is connected to the processing equipment by a filtration pipeline.

Dry filter system, with pipeline is design like pulse jet bag filter for dedusting of processing line at the points of the process. Pulse jet bag filter, is a self-cleaning dry filtration system. The pulse jet dust collector cleaning system removes particulate matter and dust from the surface of internal filter media with bursts of compressed air.

For the proper work of the filter, it should be connected to the compressor owned by the User.

Number of bags:	30 pcs
Capacity:	5-10 suction points
El. Power	4 kW
Weight:	650 kg



HEATING OF GREENHOUSES PROCESSINGS HALLS AND WORK SPACE

Equipment for heating of the inner space is designed for heating of various inner spaces: building, prefabricated buildings, greenhouses, production halls and offices.

For heating of the inner space could be used either hanging either stand-alone thermal generator. As the energy source for heating could be used natural gas, fuel oil or biomass. Thermal generators could dose warm air directly or through heat exchanger hot water – air, which requires boiler as source of hot water.



HEATING EQUIPMENT

NATURAL GAS THERMAL GENERATOR - HANGING

The TGH-100 Thermal Generator is a powerful heating solution designed for large spaces. It features a high-performance axial fan with a capacity of 14000 m³ of air per hour, as well as a single-stage gas burner, gas ramp, electronic thermostat with temperature probe and a control electrical cabinet.

This thermal generator can be powered by either natural gas or LPG, making it a versatile option for a variety of heating needs.



THERMAL GENERATOR WITH OIL BURNER - HANGING

The TGH-100 Thermal Generator is a powerful and efficient solution for heating any space. With an axial fan capacity of 14000 m³/h and a single-stage oil burner with a power range of 20-100 kW, this thermal generator can accommodate any heating need.

The electronic thermostat and temperature probe, as well as the control electrical cabinet, ensure accurate and efficient heating. And with fuel oil as its fuel source, the TGH-100 is both reliable and cost-effective.



HEATING EQUIPMENT

HOT WATER BOILER - AUTOMATIC FEEDING

Hot-water boilers TKH – 90 A/D and TKH – 600 A/D are designed for heating rooms and halls, greenhouses and hothouses. Depending on the model, the fuel is biomass (wood chips G20 or wood pellets).

The dosage of fuel into the boiler, when wood pellet or wood chips are used as a fuel, is fully automatic and is made from container with screw conveyor via dosing devices with airlock dispenser, preventing return of the flame.

Fuel is burned in a boiler with a parameter metering of air, which achieves combustion with minimal residues of unburned combustible material. Cleaning and ash extraction is automatic. Temperature control is automatic and is controlled via sensors and control devices.



VIDEO



REST OF OUR PRODUCT PORTFOLIO



**GAS STOVE FOR THERMAL
TREATMENT OF THE MILLED MASS**



**SMASHER OF PUMPKIN RESIDUE
MASS AFTER MOLDING**



**MIXER FOR CONDITIONING OF GROUND
MASS OF PUMPKIN SEED**



PACKING MACHINE



HYDRAULIC PRESS MB-300



ELECTRONIC WASTE SEPARATOR



HERBS CUTTER SB-100



MILL FOR DRIED PLANT MASS



REVISORY CONVEYOR



AIRLOCK



METAL DETECTION



TOBACCO DRYERS

NOTES

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