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CUTTER

Semi-finished product is inserted to the hopper, than proceeds between feed rollers and the rotating cutting head. Fragmented semifinished product is sliding into the conveyor.

The machine is made of stainless steel suitable for food production, according to STN 17 241 (DIN 1.4301), supporting frame is made from structural steel BS 11375 and BS 11521 and provided with a protective coating.

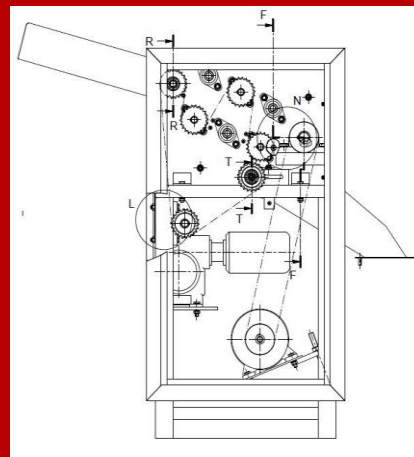
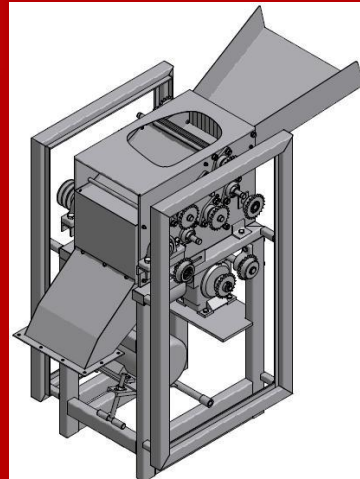
Overall dimensions :

Width:	650 mm
Height:	1330 mm
Lenght:	670 mm + 435 mm (hopper)

Cutting performance:	100 – 200 kg / hod.
Input power:	3 kW rezacia hlava 0,63 kW pod. valce

Weight:	348 kg
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Output flange:	150 x 300 mm
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SID spol. s r.o., Južná trieda č.48, 040 01 Košice
Tel.: +421/55/678 35 50, +421/905 905 189



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WORM CONVEYOR

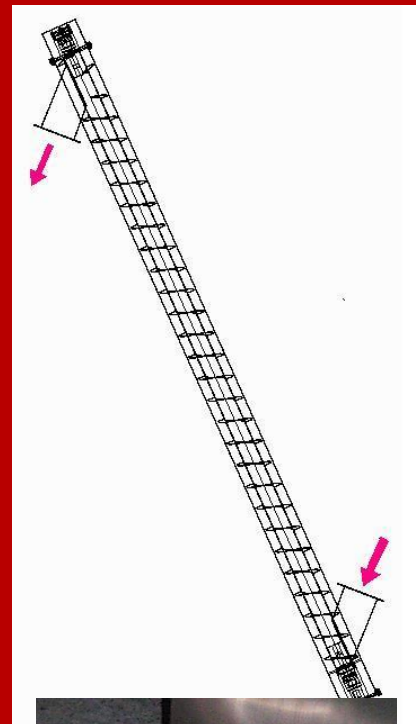
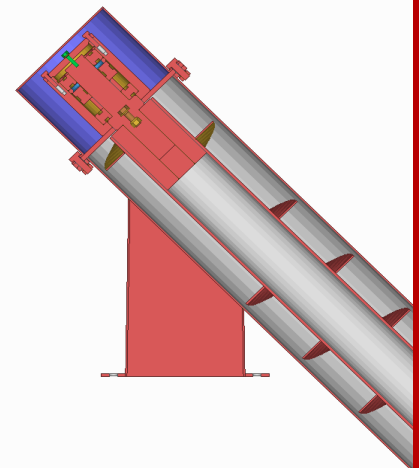
Worm conveyor is used for transportation of bulk materials. It's construction ensures transportation in every installation position. In steeper positions is for loading used filling conveyor, in slight installation positions is used just simple inroad. Perfect unloading is ensured with the last opposite oriented thread of the worm conveyer on it's end after the lunge.

According the usage, the worm conveyors are produced from stainless steel suitable for food productions and from common conventional steels for other transportation of bulk materials.



According requested amount of material which needs to be transported, the worm conveyors are made in various dimensions. As a drives are used electromotors with the gear types AMF25 to AMF100 according the dimensions of worm conveyor.

SID spol. s r.o., Južná trieda č.48, 040 01 Košice
Tel.: +421/55/678 35 50, +421/905 905 189
E-mail: sid@sid.sk, <http://www.sid.sk>





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DRYER

Drying runs in a rotary dryer using the hot air. The drying air is supplied to the dryer from the separate aggregate. Warm air is discharged from the device by the separate pipe.

The machine is made of stainless steel suitable for food production according to STN 17 241 (DIN 1.4301), supporting frame is made from structural steel BS 11375 and BS 11521 and painted with a protective coating.

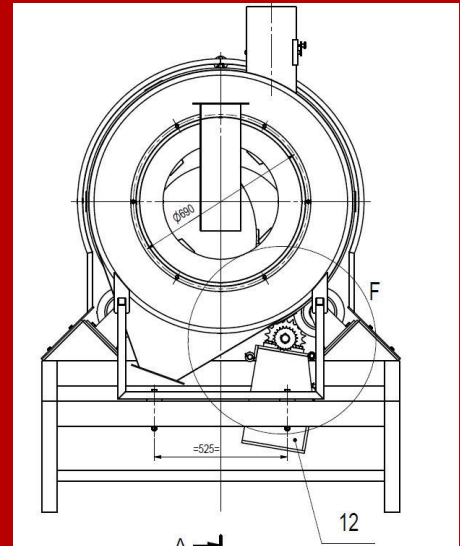
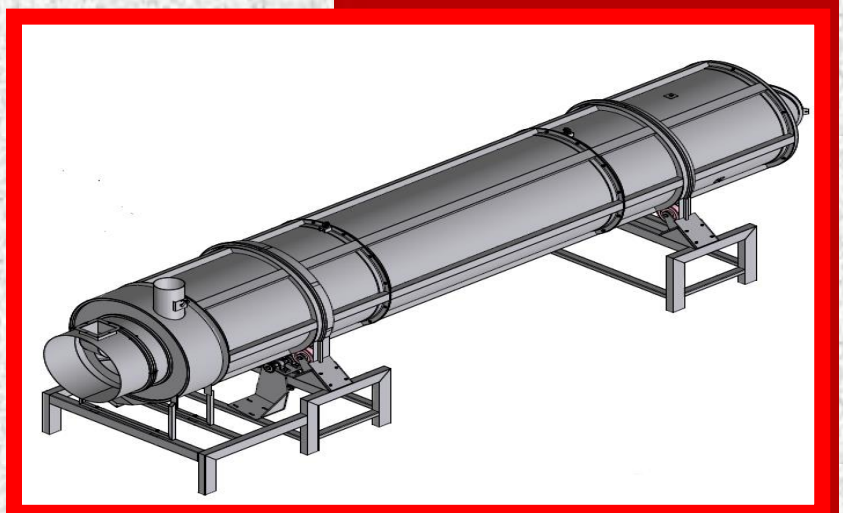
Semi-finished goods falls from the conveyor to the rotary drying drum. During the process the semi-finished product is dried and proceed to the output conveyor.

Dimensions:

Diameter of the cylinder : D = 1020 mm
Lenght : 5000 + 800(input,output)
Height : 1230 mm – os valca

Drying power : 100 – 150 kg/hod.
Input power : 1,1 kW

Weight : 1168 kg
Input and output flange : 150 x 150 mm



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COOLER

Air cooler ensures cooling of material after drying. The fan on the top cover is blowing the air through the material, warm air is discharged to the outside by pipe.

The machine is made of stainless steel suitable for food production, according to STN 17 241 (DIN 1.4301), supporting frame is made from structural steel STN 11375 and STN 11521 and provided with a protective náiterom.

Dimensions of cooling tower:

Height : 3000 mm

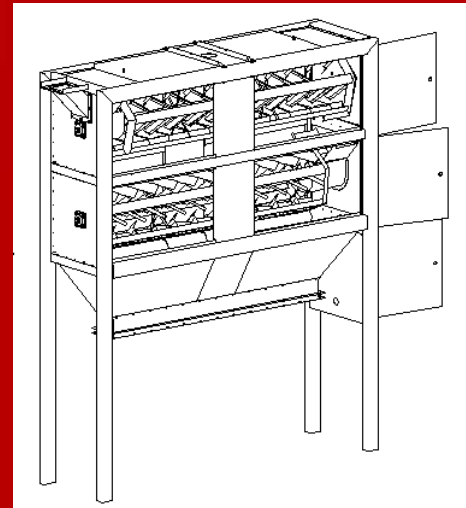
Width : 720 mm

Lenght : 2500 mm

Output : 100-200 kg/hod.

Input power : 1,1 kW pohon
0,370 kW –chladenie

Output : D = 140 mm



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E-mail: sid@sid.sk, <http://www.sid.sk>



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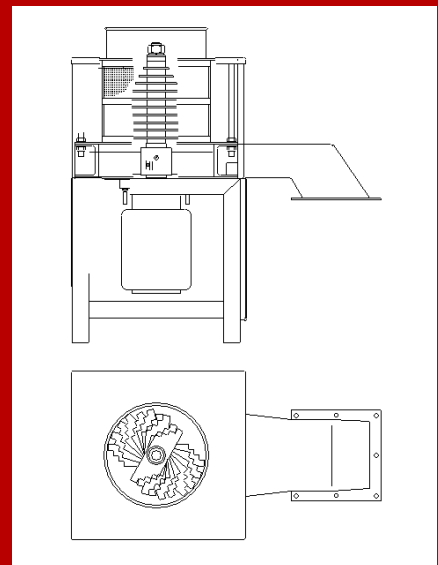
GRANULATOR

In the granulator, dried material is crushed to a prescribed grain size. The finished product proceeds to the conveyor.

The machine is made of stainless steel suitable for food production, according to STN 17 241 (DIN 1.4301), supporting frame is made from structural steel STN 11375 and STN 11521 and provided with a protective coating.

Dimensions :

Width :	410 mm
Height :	805 mm
Length :	410 mm + 340 (výpad)
Output :	100 – 250 kg/hod.
Input power :	3 kW
Input :	D = 200 mm
Output flange :	150 x 150 mm



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SILO

Finished product is collecting in silo before packing. Number and volume of the silo is adapted according requirements of space and other requests.

Silo is produced from stainless steel for food production, according to the STN 17241 (DIN 1.4301), supporting frame is made of structural steel STN 11521 and painted with protective coating. Common capacity of the silo is 3 m³.

Input and output of the silo is realized in accordance with final packing system, space and layout of the machine.

Simple control of amount of bulk materials in the silo is possible and easy checked through the transparent panel on the body of silo.





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HOT AIR AGGREGATE

Hot air aggregate ensures supply of hot air for the dryer. Its chamber is made of stainless steel, resistant to high temperatures (SEW 470-72, EN 10085, DIN 1.4841 grade-2B). Heat source is a gas burner "WEISHAAPT - type WG10N/1-C, ZM-LN and special mixing machine with extra low emissions of NOx and CO type WG10-c of the same manufacturer. Burner with a power of 25 to 110 kW is compact alloy body with integrated fan and engine ECK 03/F-2/1 wattage of 130 W. Burner is equipped with a high memory gas ignition, sliding a two-step or continuous power regulation, in accordance of the used regulatory device. Electronic associated gas combustion control gas-air with separated stepper servo drives type STE4,5 and automatic gas leak control armatures is integrated into the digital control unit of the burner. Centrifugal fan type Nicotra AT 10/10 with volume of air blown from 3500 m³/hr. to 6500 m³/hr., which is adjustable with throttle on input, guarantees its performance in time quality of the material drying.

Dimensions of air aggregate:

Width :	1300 mm
Hight :	750 mm + rám
Length :	1600 + 800 mm
Output :	3500 – 6500 m ³ /hod.
Air temperature :	100 – 150 °C
Input power :	1,5 kW
Output :	D = 670 mm

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