



Chain Conveyors TL-01

Conveyor chain TL-01 is a universal conveyor intended for transport of corncob and hay bales. Infinite chain, to which metal shovels are fitted, moves the engine-low-range gear by means of a chainwheel. During transportation of hay bales, conveyor's sides are lowered to horizontal position in order to gain wider working platform. There is an option to adjust height in both directions. The conveyor is easily transported on another location towing it by a tractor or another adequate vehicle.

Technical characteristics		TL01
Type		TL01
Reductor engine power	kW	1,1
Width	m	0,45
Length	m	8
Maximum lifting height	m	4,5

Belt Conveyors Tt-01

Conveyor belt is intended first of all for transport of sacks, boxes, small packages and bales, but it can also be adapted for transport of disposed material. The conveyor comes with an underdrive (on a trolley), mechanism for incline adjustment, and an infinite rubber band can transport both ways (loading and unloading). It is most often used in warehouses for final products storage, loading sacks on a truck and unloading from a truck into a warehouse.



Technical characteristics		Tt01
Type		Tt01
Reductor engine power	kW	1,5
Width	m	0,5
Length	m	6
Maximum lifting height	m	2,5



Screw Conveyors Pt-01

Screw transporter is intended for transport of granular (corn, wheat, barley) and powdery materials. It is most often used for filling and emptying of silo cells, and loading and unloading of transport vehicle.

Technical characteristics				
Type PT01	Dužina (m)	6	8	9
Engine power	kW	2,2	3	4
Pipe diameter	mm	160	160	160
Maximal lifting h.	m	3,5	4,5	5
Capacity		10-12 t/h	10-12 t/h	10-12 t/h

Depending on the capacity, they can be made with larger ones diameter of the pipe (Ø 180, 200 i 250mm).

Natural Stone Mill M-01

Natural stone mill is intended for grinding of grains, i.e. production of whole grain flour. During grinding, thanks to lower spinning speed of a stone, grinded mass is not heated too much, so the flour retains the original natural features. The mill consists of two stones; one if fixed to the mill base, and the other, a rotating one, is placed on an axle with a stone lifting/lowering mechanism. By lifting and lowering the stone, grinding granulation is regulated, and with it also capacity of the mill. Fineness of the grinded material is also regulated with flow speed of grains grinded.



Technical characteristics					
Type		M-01 600	M-01 700	M-01 800	M-01 900
Engine power	kW	2,2	3	4	7,5
Number of revolutions	rev/min	1400	1400	1400	1400
E.M.Capacity	kg/h	40-60	60-80	80-100	100-150
Weight	kg	380	450	560	720



Grain Flour Production Line

The whole grain flour production line is intended for grains grinding, sifting and packing of whole grain flour. The line consists of an intake hopper, inclined dosage screw transporter, natural stone mill, inclined discharge screw transporter and a rotational sifter with sacking system. The line most often operates with the mill with stone diameter of 800 mm and 1,000 mm.



- Belt and screw conveyors
- Conveyors for bales and cobs corn
- Bucket elevators
- Pneumatic conveyors
- Animal feed production lines
- Mixes (vertical, horizontal)
- Hammer mills
- Mills with natural stone

**LINES FOR
THE PRODUCTION**
OF ANIMAL FEED
AND INTEGRAL FLOUR

Hammer Mill (Groats Mill) MO-2



Technical characteristics

TYPE MO2	Capacity	Weight
(kW/br. obrtaja)	(kg/h)	(kg)
2,2/2800	300	85
3/2800	350	91
4/2800	500	105
5,5/2800	800	123
7,5/2800	1200	135
11/2800	2000	170
15/2800	2500	195

Hammer mill MO-2 is intended for grinding of grain (corn, wheat, barley) and other components that are used in fodder production (crushed soybean and sunflower seeds, palletized alfalfa flour). The mill can be used in households as a separate machine or as a component of a fodder production line.

Clover Mill M-03-L



Technical characteristics

TYPE	M-03-L
Elect. power	kW 11
Capacity	kg-h 300
Weight	kg 160
Knife	L 550 mm
Housing	diameter 650 mm

Groats mill for clover grinding is intended for grinding of baled and dry clover, where alfalfa flour is obtained from that can be used as a component in fodder production. Mill can be used for grinding of straw and large amounts of corn on cob. Chopped straw is most often used as a base in mushroom production.

Lines with Vertical Mixer SM-01 and Mill M-02



Technical characteristics

LINE TYPE		SM01-300	SM01-500	SM01-700	SM01-900
Scale	kg	300	500	700	900
Mixer engine power (kW)	kW	1,1	1,5	2,2	3
Mill engine power	kW	4	5,5	7,5	11
Screw conveyor power	kW	0,55	0,75	0,75	0,75
Weight	kg/h	300	500	700	900
Capacity	kg	265	340	385	480

It is intended for animal feed production in households and small farms. It is easily operated and it can be installed in compound space. Input components are manually weighed, grinded and inserted into the mixer according to particular prescription. Mixing is done through a vertical spiral that lifts the mixer through a cylindrical pipe. A mass returns again to the mixer bottom in free fall. Mixing time is 8 to 10 minutes. The vertical mixer is a component of a line that consists of a groats mill (hammer mill), a horizontal screw transporter with an intake hopper, a vertical mixer and a control cabinet.

Lines for the Production of Pre-mixed

In a small planetary or horizontal HM-01 mixer is carried out the premixing of micro components (mineral-vitamin ingredients). Upon completion of the premixing process, the mass is directly inserted into a larger horizontal mixer HM-01 where the mixing is performed with the carrier of the premixture.



Sack System with Electronic Scale SU-3

Electronic packer hanged on two measuring cells through electro-pneumatic caps enables rough and fine filling of a fixed sack. Electronics enable automatic treatment and automatic correction of pouring. Weighed sack is automatically released on a conveyor belt, goes through a stable sewing machine and is palletted through an inclined belt. Packing weigh and other parameters important for packing accuracy are set on a measuring device.



Animal Feed Production Lines with Horizontal Mixer HM-01

Horizontal mixers are most often components of a line that consists of a hopper scale for dosage of input components, a groats mill, a horizontal mixer with a pre-hopper, packing machine with mechanical or electronic scale and a control cabinet.

Horizontal Mixer Hm-01



Horizontal (counter-current) mixer is intended for production of compound foods for animal feeding, for mixing powdery materials in construction. Mixing time of one lot is 4 to 5 minutes.

Technical characteristics

TYPE		HM01-50	HM01-100	HM01-200	HM01-300	HM01-500	HM01-1000
Scale	kg	50	100	200	300	500	1000
El. Reductor Power	kW	1,1	1,5	2,2	4	5,5-7,5	11
Weight	kg	90	200	260	310	520	950
Volume	l	100	200	400	600	1000	2000

Depending on purpose, most often for food industry needs and for mixing chemically aggressive materials, they are made of pro chrome (stainless) steel and sheet metal.

Mobile Packaging Machine SU-1



Technical characteristics

TYPE		SU-1
Electromotora power	kW	0,55
Length of conveyor	m	2
Screw conveyor pipe diameter	mm	od 90 do 130

The husker is intended for husking of corn on cob. Corn on a cob is inserted into an intake hopper where a scraper roller husks it. Eccentric sifter that oscillates horizontally separates the grain from a cob. Depending on corncob size, distance adjustment between the scraper roller and lattice is done through two adjustment screws and two springs.

Technical characteristics

TYPE		K-01
Capacity	kg	2000/h
Electromotor power	kW	2,2
Weight	kg	173
Dimensions (HxWxL)	mm	1500 x 1400 x 800

Mobile packer is intended for packing, i.e. sacking of disposed material (corn, wheat and other fodder components) from a truck, silo or floor warehouse. Inclined screw transporter with an intake hopper is placed on a mobile platform where there is a measuring scale on it (warehouse or electronic), which is connected to the screw transporter electromotor with an inductive probe. The screw transporter is started through foot or hand switch and the sacking process begins. Screw transporter stops operating through the probe on a set weight and the sacking process ends. Mobile packer is most often placed under a truck on exhaust slide openings (pipes) or on silo openings.