



AKTIV



Flour-Feed-Mill Machinery
Modification-Installation and Diagrams

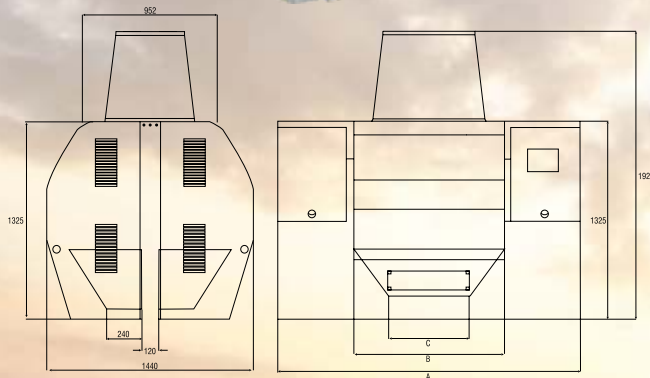


Roller Mill Vals Вальцевой Станок



roller mill is designed to grind and crush grain by four cylinders which threaded according to purpose grinding type.

- *High strenght perfect frame
- *High extraction rate
- *High stability
- *Silent operation
- *Aesthetic appearance
- *Minimal maintenance
- *High sanitation
- *Perfect precision
- *Low operating costs



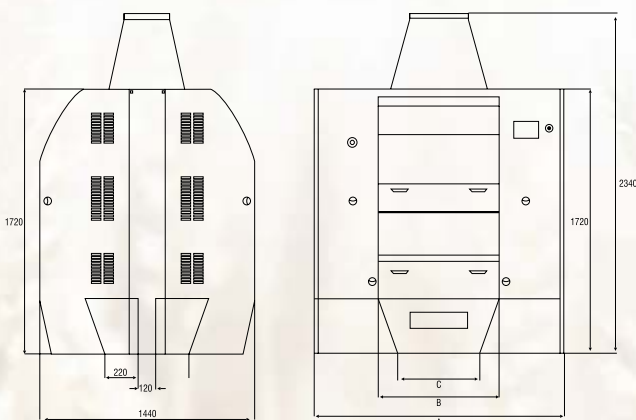
Type	Cylinders Size(mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
ADV-80	Ø250 x800	1595	808	300	2698
ADV-100	Ø250 x1000	1795	1008	500	2996
ADV-125	Ø250 x1250	2040	1258	695	3525

Double Roller Mill Çift Katlı Vals Двойной Вальцевой Станок



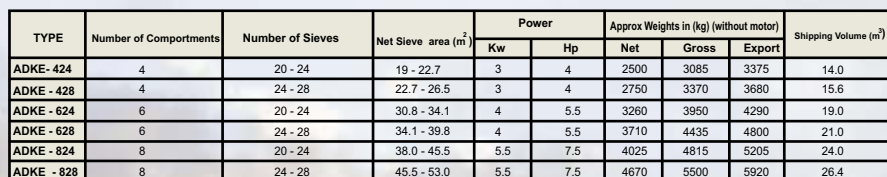
roller mill is designed to grind and crush grain by eight cylinders which threaded according to purpose grinding type.

- *High strenght perfect frame
- *High extraction rate
- *High stability
- *Silent operation
- *Aesthetic appearance
- *Minimal maintenance
- *High sanitation
- *Perfect precision
- *Low operating costs

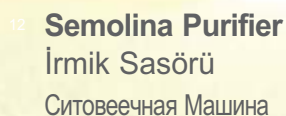


Type	Cylinders Size(mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
ADCKV-80D	Ø250 x800	1815	808	400	4650
ADCKV-100D	Ø250 x1000	2015	1008	500	5100
ADCKV-125D	Ø250 x1250	2265	1258	670	5680

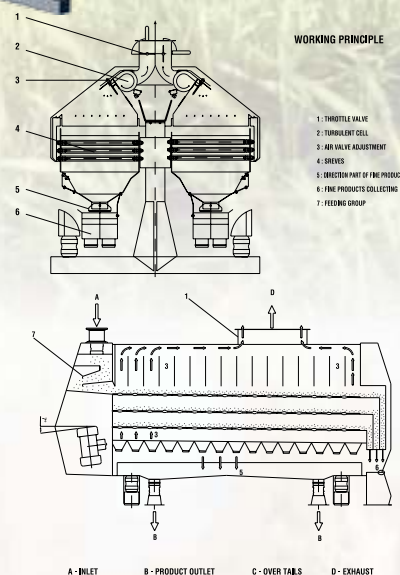
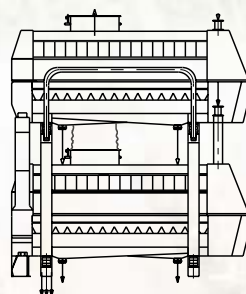
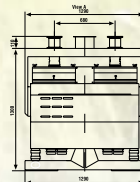
Квадратный Рассев



- *High efficiency
- *High sanitation
- *Long life
- *High precision
- *Up to 28 sieves per compartment
- *Easy to place and remove sieves
- *Minimal maintenance
- *Low operating costs
- *High quality



- *Sensitive air flow adjustment
- *Easy cleaning
- *Adjustable aluminium screen
- *Silent operation
- *High sanitation
- *Efficient semolina extraction
- *Long life
- *High quality

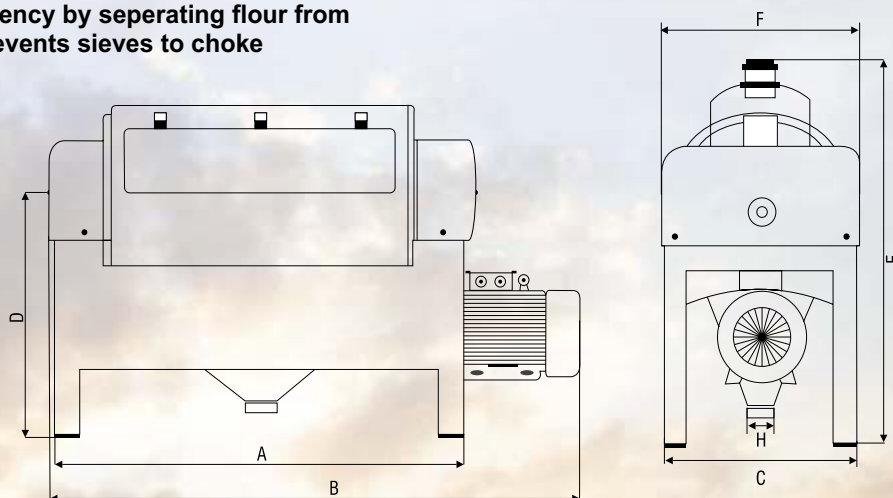
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Vibrating Bran Finisher Vibro Kepek Fırçası Вибро Вымольная Машина

This machine increases flour extraction efficiency by separating flour from bran by vibrational motion. Also, vibration prevents sieves from choking.

- *High efficiency
- *Low power requirement
- *High sanitation
- *Minimum maintenance
- *Long life
- *High quality



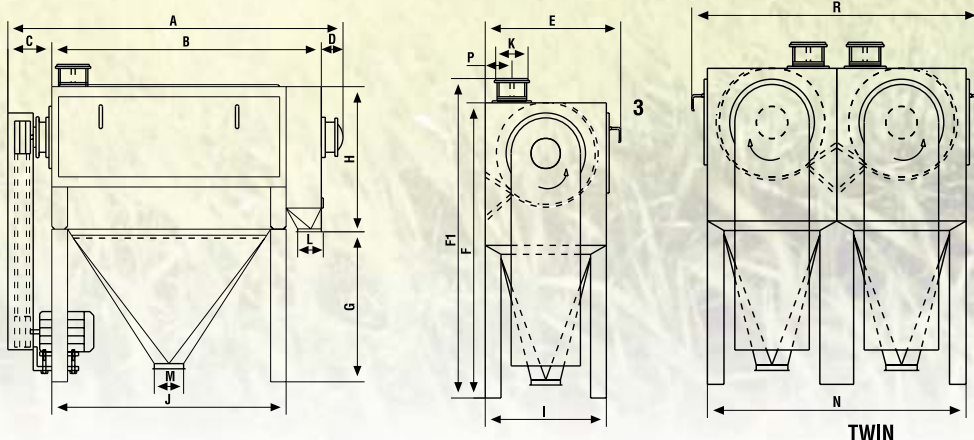
TYPE	Capacity(t/h)		Power (kw)		Dimensions									Weight (kg)
	Flour	Bran	Flour	Bran	Volume (m³)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	ØG (mm)	ØH (mm)	
ATVB	900	1600	5.5	7.5	1.8	1580	1530	720	820	1320	735	120	120	420

Bran Finisher Kepek Fırçası

Вымольная Машина

Bran finisher is used for separating flour from bran particles. ATHUKF increases the flour extraction rate of the plant.

- *High sanitation
- *Minimum maintenance
- *Maximum flexibility
- *Easy cleaning sieve
- *Low power requirement
- *Silent operation
- *High quality



DIMENSIONS mm

TYPE	A	B	C	D	E	F	F1	G	H	I	J	K	L	M	N	P	R
ATKTV-4511	1700	1370	225	105	630	1440	1540	610	830	545	1210	120	140	140	--	60	--
ATKF-4511 D	1700	1370	225	105	--	1440	1540	610	830	--	1210	120	140	140	1090	--	1260

TYPE	Diameter	Screen Length	Capacity (kg/h)	Power (kw)	Exhaust (m³/min)	Net Weight (kg)	Gross Weight (kg)
ATHUKF-4511	45	110	900 1800	5.5	10	320	450
ATHUKF-4511 D	45x2	2x110	2x900 2x1800	2 x 5.5	14	620	730

Drum Detacher is used in flour mills to purify endosperm particulus from bran before sifting process in order to increase the efficiency

- *Easy design
- *High efficiency
- *High capacity
- *Compact design
- *Low operation costs
- *High quality



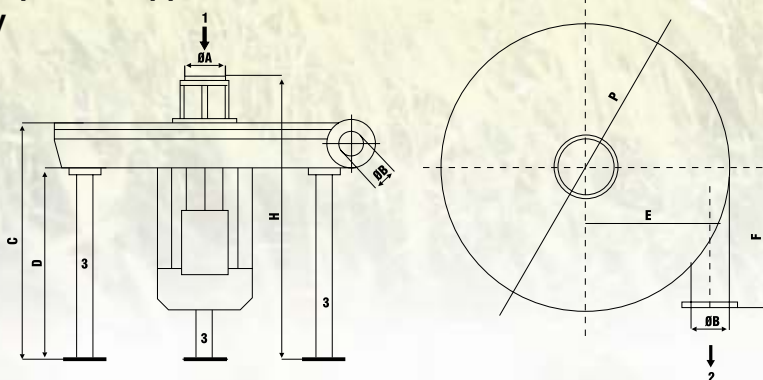
TYPE	Capacity (kg/h)	Power (kw)
AKTVDD-15	1500	2.3
AKTVDD-20	2000	3.0
AKTVDD-25	2500	4.0

Impact Detacher

İrmik Kırıcı
Энтолейтор

AKTVMS Detaches semolina particles at semolina passages and underneath roller mill lines.

- *Rounded body
- *Maximum hygiene
- *Standing or suspended application
- *High efficiency
- *High capacity
- *Long life



1- MATERIAL INLET
2- MATERIAL OUTLET
3- INSTALLED STANDING



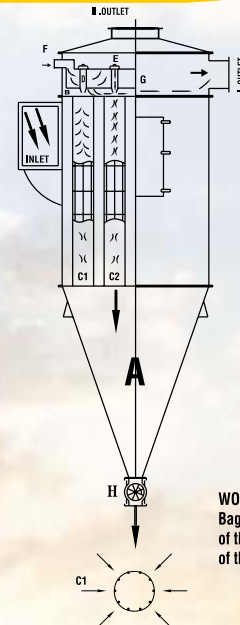
TYPE	DIMENSIONS in mm									Motor	Capacity	Motor Speed	Weight	Volume
	Ø A	Ø B	C	D	E	F	H	Ø P	Ø Rotor	kw	kg	Rpm	kg	m³
AKTVMS-1	130	75	620	520	190	320	725	545	510/450	4	1	3000	130	0.7
AKTVMS-1.2	130	75	620	520	200	310	735	605	510/450	5.5	1.2	3000	145	0.7
AKTVMS-1.5	130	75	620	520	200	310	735	605	510	7.5	1.5	3000	165	0.7
AKTVMS-2.5	130	75	620	520	200	310	735	605	510	11	2.5	3000	180	0.7
AKTVMS-3.5	185	110	800	620	320	420	950	690	610	11	3.5	3000	210	1



Jet Filter Jet Filtre Аэроджет Фильтр

airjetfilter is used for removing dust particles from dust-gas mixtures. The round filter housing allows a first separation by means of centrifugal force. The subsequent filtration through the filter fabric purifies the air to a high degree. The filter can work in pressurized or vacuumed environment.

- *High sanitation
- *High accuracy
- *Efficient filtering
- *Compact design
- *Minimum maintenance
- *Low energy consumption
- *Silent operation
- *Long life
- *High quality



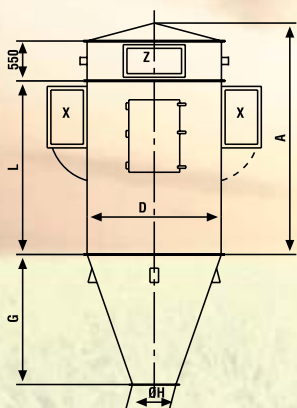
DESIGN (KEY OF DRAWING)

- A Dust air chamber
- B Clean air chamber
- C Filter bags
- D Rinsing air nozzles
- E Rinsing air valves
- F Low pressure rinsing air
- G Integrated rinsing air tank
- H Discharge airlock

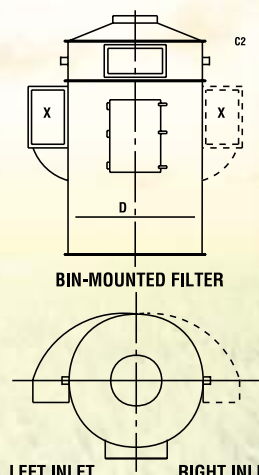
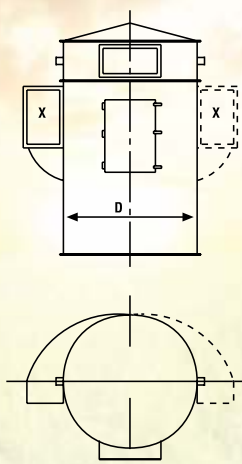
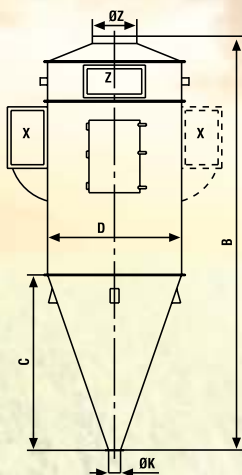
WORKING PRINCIPLE:

Bag C1 filtration phase filtration of the untreated air on the outside of the filter bags.

Bag C2 cleanoff phase the bags, covered outside with dust, are alternately cleaned off from the inside by rinsing-air blasts. The dust drops into the discharge airlock H.



ASPIRATION FILTER WITH ROTOFLOW



BIN-MOUNTED FILTER

LEFT INLET

RIGHT INLET



Mode Number of Bags		ADJF-10			ADJF-18			ADJF-26			ADJF-39			ADJF-52			ADJF-78			ADJF-104		
Bag Length		1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400
Filtration Area (m ²)		4.3	6.4	8.6	7.7	11	15	11	16	22	16	25	33	22	33	45	33	50	67	44	64	90
A (mm)		1940	2540	3140	1960	2560	3160	1975	2575	3175	2008	2608	3208	2028	2628	3228	2100	2700	3300	2250	2850	3650
B (mm)		2640	3240	3840	3152	3752	4352	3355	3955	4555	3666	4266	4866	3906	4158	5106	4530	5130	5730	5000	5750	6580
C (mm)		700			1190			1380			1658			1878			2430			3150		
ØD (mm)		750			1000			1140			1340			1500			1840			2350		
X (mm)		145x250			215x400			270x500			300x650			360x750			500x800			780x890		
Z (mm)		250x350			350x400			350x450			400x500			450x550			460x650			500x700		
		Ø 350			Ø 400			Ø 450			Ø 550			Ø 550			Ø 600			Ø 700		
ØH (mm)														560			560			560		
ØK (mm)		160			160			160			160			160			160			160		
Aspiration Filter Weight (kg)	Net	285	320	355	485	545	605	585	655	725	890	995	1100	1115	1240	1365	1615	1790	1965	2300	2700	3150
	Gross	470	535	600	765	865	965	910	1025	1140	1310	1465	1620	1605	1790	1975	2240	2495	2740	3150	3560	3850
Volume (m ³)		3.7	4.5	5.3	6.9	8.2	9.6	8.9	10.6	12.4	12.8	15.1	17.5	16.4	19.2	22.1	23.2	27.6	32	36.3	44.6	52

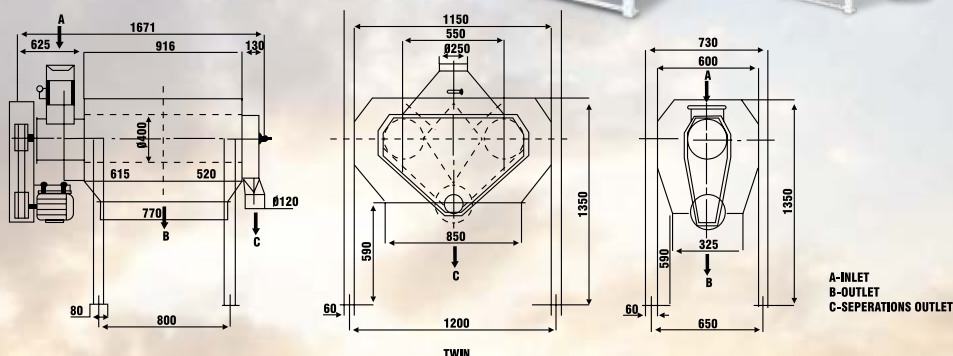
Turbo Control Sifter

Turbo Elek

Турбо Ресев

Usage aim of ADTE is to recontrol finished product against foreign material interference before packing or storage bins.

- *Minimum maintenance
- *High sieving efficiency
- *High through put capacity
- *Standing or suspended application
- *Silent operation
- *Compact design
- *High Precision
- *High quality



TYPE	Sieve Perforation	Capacity	Power	Rotor	Air Requirement (m ³ /min)	Weight (kg)	Volume (m ³)
ADTE	1.5	12	5.5	560	6 - 8	400	1.8
	2.5	20					
	3	25					
ADTE-D	1.5	24	11	560	12 - 16	650	3.2
	2.5	40					
	3	50					

Vibro product feeder is used to feed flowing product into a conveying line or directly to a machine at a suitable rate.

Product Feeder ADVY

Vibro Yedirici

Вибро фидер

- *Easy design
- *High efficiency
- *High capacity
- *Compact design
- *Low operation costs
- *High quality



ADVD Vitamin dosing machine adds the required amount of vitamin into the grinded product and it mixes the product in the system.

Vitamin Dosage Device ADVD

Vitamin Dozaj Makinesi

Витамин Дозатор

- *Speed adjustment system
- *True additive ratio
- *Long life
- *Minimum maintenance
- *High quality



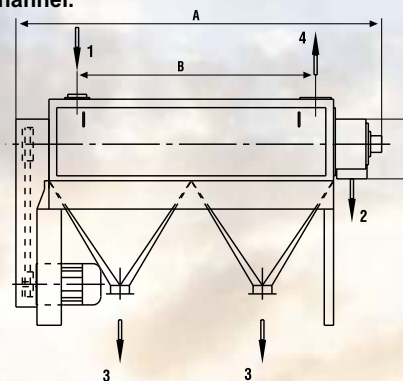


Classic Scourer

Klasik Kabuk Soyucu
Классическая Обочная Машина

primarily usage aim is to clean grain from foreign materials and peel wheat. It is also used for removing adhered impurities, bacteria and insects while suitable for first and second cleaning stage. It has good possibility of combination with CHAL air channel.

- *High extraction
- *Low power requirements
- *Maintenance minimum
- *Optimum peeling
- *Maximum hygiene
- *Low operating casts
- *Long life
- *High quaility



- 1 - Material Inlet
- 2 - Jacket
- 3 - Material Outlet
- 4 - Aspiration Connection

Dimensions mm

Technical Data

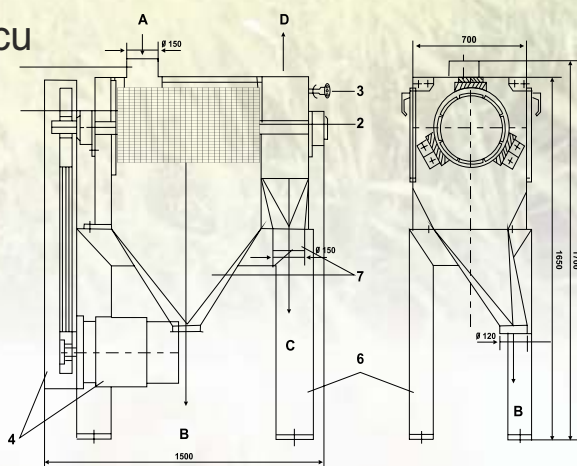
Type	Capacity (t/h)			Power (kw)	Aspiration Air (m ³ /min)
	Soff Wheat		Durum Wheat		
	I. Cleaning	II. Cleaning	I.II. Cleaning		
ADKS-30/150	10	8.5	8	11	10
ADKS-30/150 D	2 x 10	2 x 8.5	2 x 8	2 x 11	2 x 10

Type	A	B	C	D	E	F	G	J	Weight (kg)		Volume (m ³)
									Net	Gross	
ADKKS-30/150	2330	1500	510	860	1360	700	660	5-10	5-10	5-10	4
ADKKS-30/150 D	2330	1500	1020	1390	1360	700	660	6-20	6-20	6-20	8

In addition to the ADKS peeling quality and throghput capacity increased with cast iron drum design.

- *High capacity
- *High efficiency
- *Minimum maintenance
- *Higher sanitation
- *Long Life
- *Low energy consumption
- *High stability
- *Aesthetic design
- *High precision
- *High quality

Scourer Kabuk Soyucu Обочная Машина



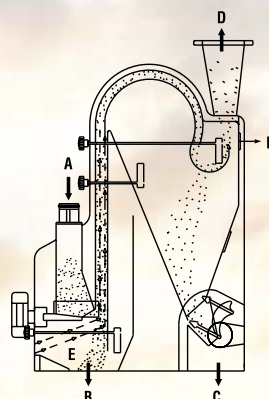
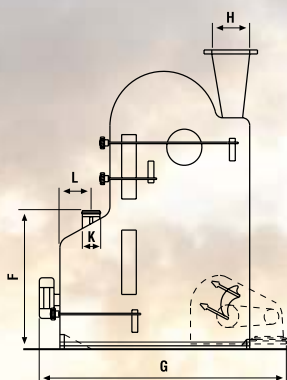
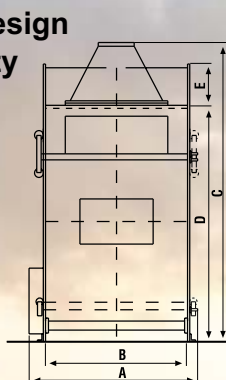
- A - Product Inlet
- B - Outlet
- C - Outlet
- D - Aspiration Connection

TYPE	Capacity (t/h)	Power (kw)	Required Air (m ³ /min)	Weight (kg)
ADKS-10	7,5	7,5	8	800
ADKS-12	8,5	11	10	900
ADKS-15	15	15	12	1200
ADKS-20	18	18,5	15	1250
ADKS-25	20	22	15	1275

Vibrating Air Cycle Tatar Vibro Tatar Вибрационный Татар

ADVT is used for separating crust and light particles from intermediate product by vibration drive and vacuum. Adjustable oscillating conveyor is for obtaining a uniform, thin stream of material being fed.

- *High efficiency
- *Low operating costs
- *Minimum maintenance
- *Modular design
- *High quality



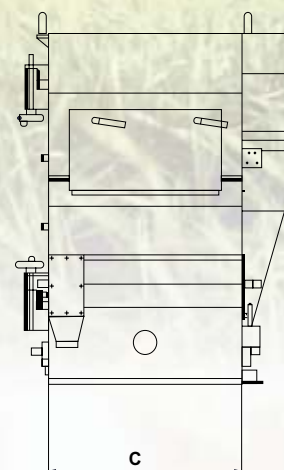
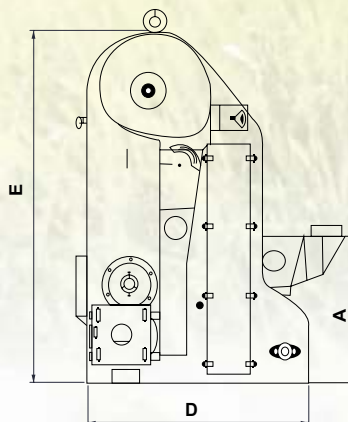
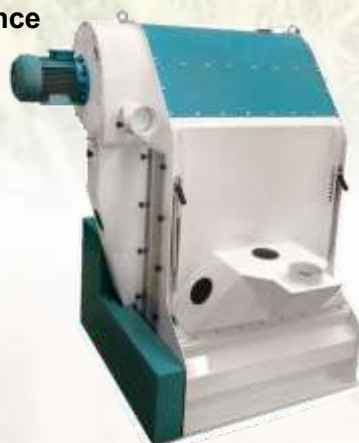
A-PRODUCT INLET
B-PRODUCT OUTLET
C-SEPERATION (Shaft, Husks, Ele)
D-AIR OUTLET
E-SUCTION AIR

Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø H (mm)	Ø K (mm)	L (mm)	Weight (kg)		Volume (m ³)	Capacity (t/h)	Required Air (m ³ /min)	
											Net	Gross			Min	Max
ADVT-500	730	500	1850	1450	175	915	1620	250	120	200	210	245	2.2	4	4	36
ADVT-750	980	750	1850	1450	175	915	1620	250	120	200	315	365	2.9	4 - 8	4 - 8	54
ADVT-1000	1240	1000	1850	1450	175	915	1620	250	120	200	415	477	3.7	8 -10	8 -10	72

This machines intention is to seperate dust ,light impurutres and broken kernel from unprocessed cereals by vacuum system. The system is independent from central aspiration.

- *Uniform air recycling
- *Low power requirements
- *High efficiency
- *Long life
- *Minimum maintenance
- *High quality

Air Cycle Tatar Radyal Tatar Радиальный Татар



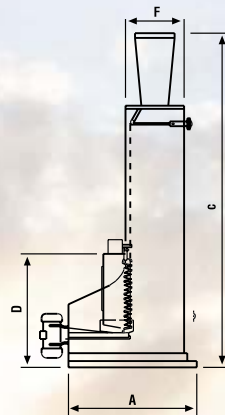
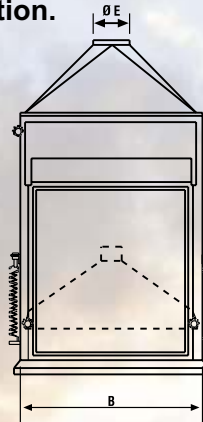
TYPE	A(mm)	E(mm)	D(mm)	C(mm)	Silo (t/h)	Cleaning (t/h)	Weight (kg)	Required air (m ³ /min)
ADRT-80	700	1755	1135	800	25	10	550	10
ADRT-100	720	1755	1135	1000	40	16	620	12
ADRT-150	720	1755	1135	1500	75	25	850	15



Air Channel Hava Kanalı Воздушный Канал

ADHK is designed for separation of light weight particles from grain.
Also possible to connect to central aspiration.

- *Optimum operation effect
- *Adjustibe feeding with rotating vibrator
- *Moduler application
- *Low power requirement
- *Silent operation
- *Maximum security
- *Uniform flow
- *Long life
- *High quality

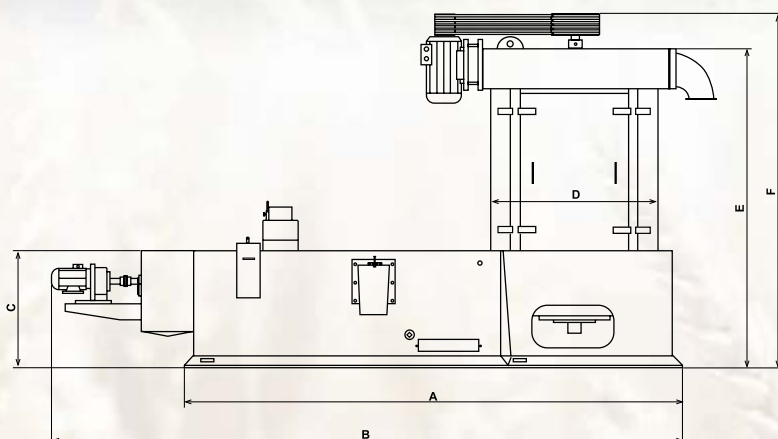


TYPE	Capacity (t/h)	Volume (m ³)	Power (kw)	Required Air (m ³ /min)	A	B	C	D	ØE	F	Weight (kg)
ADHK-50	4	0.3	---	40	400	600	1280	300	120	200	80
ADHK-80	5	0.43	---	50	400	800	1350	300	120	200	95
ADHK-100	10-14	0.65	0.085	80	400	1000	1420	300	150	200	120
ADHK-150	20	0.9	0.085	120	400	1500	1490	300	150	200	165

ADDY provides cleaning of dirty wheat grains by washing with water at cleaning units. It seperates foreign particles such as straw ,dust, stone from wheat grains.

- *High sanitation
- *Leakproof body
- *Efficient washing
- *Compact design
- *Minimum maintenance
- *Low energy consumption
- *Silent operation
- *High quality

TYPE	A	B	C	D	E	F	Capacity (t / h)	Power (rpm)
ADDY-6	2860	3840	530	900	1970	2240	2.5-3.5	7.5 x 1000/d - 1.1 x 160 Red
ADDY-8	2750	3760	650	1100	2000	2350	3 - 5	11 x 1000/d - 1.1 x 160 Red
ADDY-12	2900	3900	650	1250	2100	2370	8 -10	15 x 1000/d - 1.5 x 160 Red



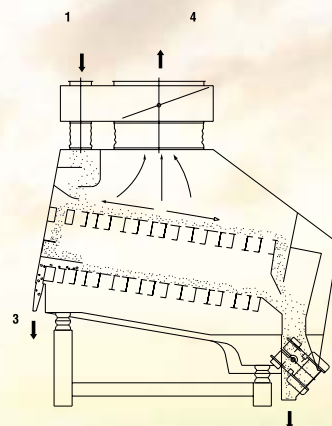
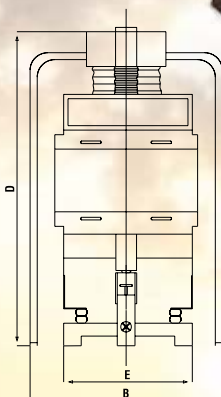
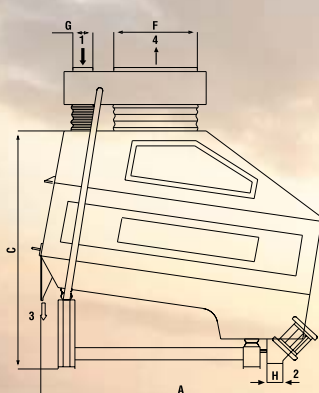
Vertical Washer Dik Yıkama Вертикальная Мойка



De-Stoner Taş Ayırıcı Камнеотборник

Used in grain and legumes lines for separation of foreign materials that have more density than the product such as stone, metal, glass.

- *Efficient separating
- *Clean material
- *High throughput capacity
- *High sanitation
- *Minimum maintenance
- *Low power requirement
- *High strenght sieves
- *High quality



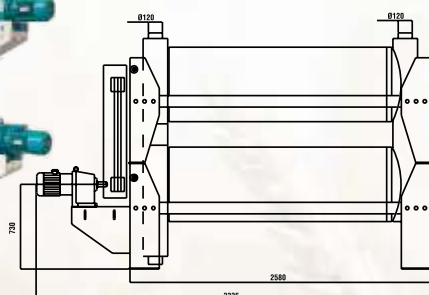
- 1- MATERIAL INLET
- 3- STDNE OUTLET
- 2- MATERIAL OUTLET
- 4- ASPIRATION CONNECTION

Type	Dimensions								Screen Size (mm)		Power	Required Air		Capacity (t/h)	Weight (kg)		Volume
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	mm	mm		m ³ /min	mbar		Net	Gross	m ³
ADTA-60	1580	1070	1430	1830	610	350	120	120	650	1200	2x0.18	90	12	6 - 10	400	525	6
ADTA-120	1580	1640	1430	1860	1200	500	140	140	1200	1200	2x0.34	120	12	10 - 16	600	765	8

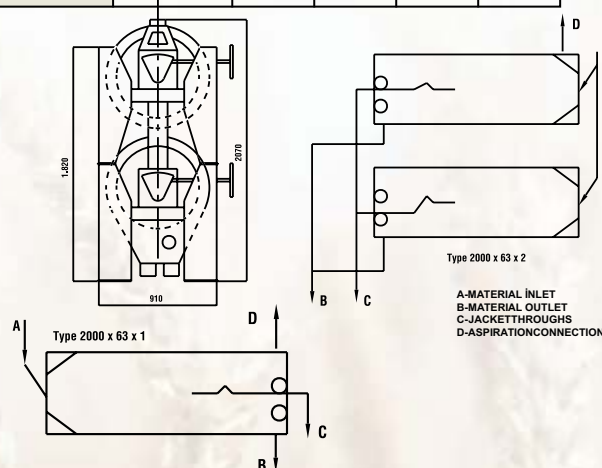
Trieur is used to separate the round particles smaller than wheat kernels, broken wheat kernels and particles bigger than wheat kernels.

- *Excellent separating
- *High capacity
- *High sanitation
- *Minimum maintenance
- *High quality

Trieur Triyör Триер



Type	Capacity (t/h)	Required Air (m ³ /min)	Power (kw)	Volume (m ³)	Weight (kg)
ADTS 40/110	15-2	6	0,75	1.75	250
ADTS 63/200	3-4	8	1,5	2.65	625
ADTS 63/240	5-7	8	1,5	2.76	700
ADTS 2X63/200	6-8	12	2x1,5	5.3	1130
ADTS 2X63/240	10-12	12	2x1,5	5.9	1210
ADTS 90/240	5	15	2,2	6.3	1400
ADTS 90/300	6	15	2,2	7.3	1600

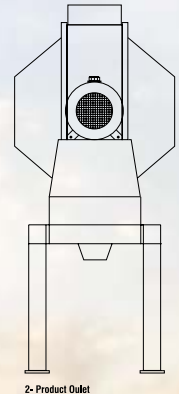
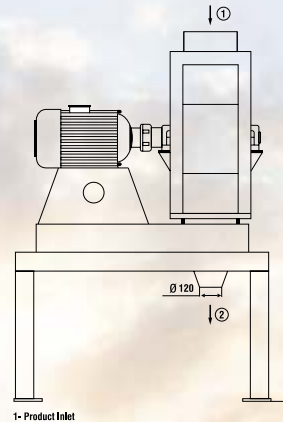




Hammer Mill Çekiç Değirmen МОЛОТКОВАЯ МЕЛЬНИЦА

Hammer mills recycle waste materials from grain separator and scourer subsequently materials are sent to bran silos.

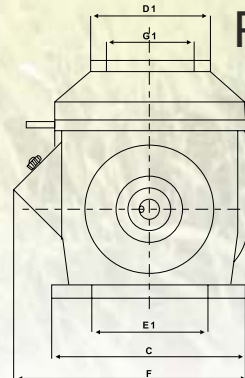
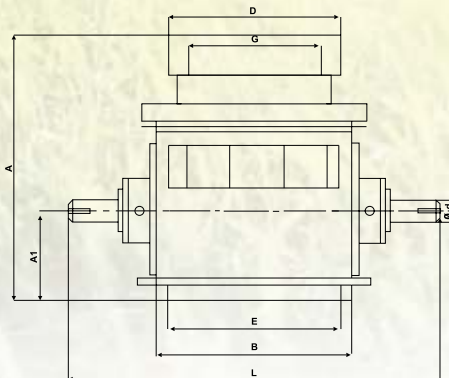
- *Long life
- *Minimum maintenance
- *Efficient recycle
- *Low operating costs
- *High extraction rate
- *High quality



Type	Capacity (t/h)	Power (kw)	Width (mm)
ADÇED-15	0,6	15	275
ADÇED-22	2,2	22	385

Blending Device is used for blending various materials in certain rates.

- *Long life
- *Minimum maintenance
- *True mixture
- *Low operating costs
- *High extraction rate
- *High quality



Blending Device Paçal Makinası Дозатор



TYPE	ADPÇL		ADPÇL-P		Pergen tage %
	Capacity (kg/h)		Capacity (kg/h)		
Gate	40 rpm	50 rpm	40 rpm	50 rpm	
1	204	255	600	750	5
2	408	510	1200	1500	10
3	816	1000	2400	3000	20
4	816	1000	2400	3000	20
5	1723	1000	5400	6750	45
Total	3960	3765	12000	13000	100

TYPE	A	A1	B	C	D	D1	ød	E	E1	F	G	G1	L	rpm	Weight (kg)
ADPÇL	365	125	275	270	240	165	30	240	160	320	185	120	545	40/50	80
ADPÇL-P	375	145	355	290	320	165	30	320	210	420	270	120	665	40/50	113

Dust Cyclone ADTSK

Toz Siklonu

Циклон Пыли

Dust Cyclone is used with the low pressure fan to purify product from dust.

- *Maximum separating
- *High precision
- *Modular design



Mono Cyclone ADMNS

Mono Siklon

Моно Циклон

Mono Cyclone is used after air channels or before dust cyclone, It purifies product from heavy materials in cleaning units.

- *Maximum separating
- *High precision
- *Modular design



Inclined Dampener

Açılı Yoğun Tav

наклонный Интенсивный Увлажнитель

Angular intensive dampener is used to moisturize grain densely at a sufficient moisture rate.

- *Long life
- *High sanitation
- *High capacity
- *High quality



Type	Capacity (t/h)	Power (kw)	Volume (m ³)	Weight (kg)
ADYT-250	12-15	11	5,2	620
ADYT-500	15-25	15	6,5	1040



Intensive Dampener

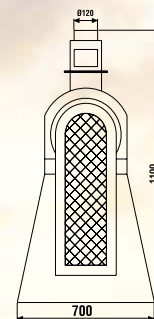
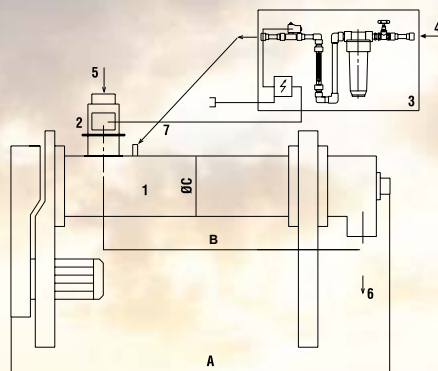
Cebri Tav

Интенсивный Увлажнитель

The usage aim of the machine is to dampen grain uniformly until the optimum humidity by the rotar system inside and self water inlet-outlet mechanism.

- *High capacity
- *Minimum maintenance
- *Long life
- *Low energy consumption
- *High quality

TYPE	A	B	ØC	Inlet (mm)	Outlet (mm)	Capacity (t/h)	Water Addition Rate	Power (kw)
ADCTV-3015	1900	1400	320	145x145	170x310	6-8	4 % - 5 %	3-4
ADCTV-3020	2300	1725	320	145x145	170x310	8-11	4 % - 5 %	5,5-11



- 1- Intensive Dampener
- 2- Inlet Box and Sensor
- 3- Debimeter
- 4- Water Inlet Pipe
- 5- Wheat Inlet
- 6- Wheat Outlet
- 7- Water Supply

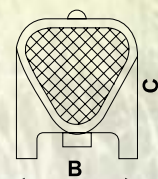
Triple Intensive Dampener

Üçlü Cebri Tav

тройной Интенсивный Увлажнитель

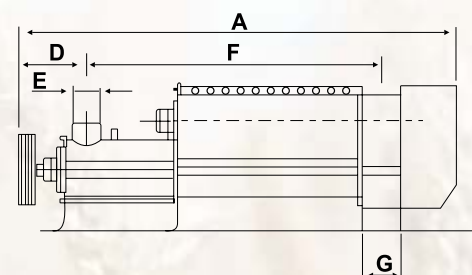
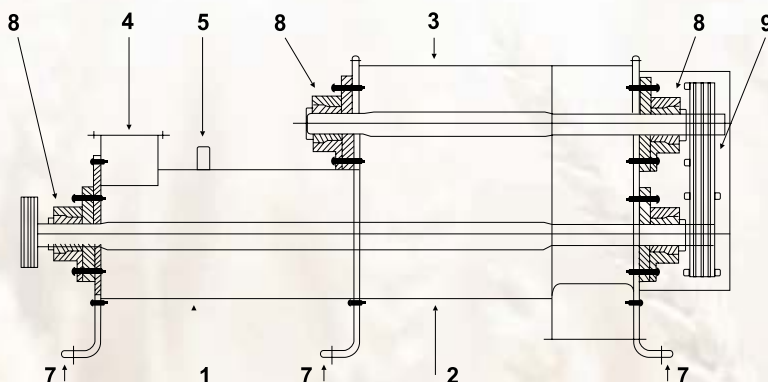
AD3CTV is used for moisturing more grain with less water in flour and semolina plants. With rotating three rotors, friction causes grain to peel.

- *Effective dampening
- *Pure material
- *Minimum maintenance
- *High sanitation
- *Low operating costs
- *High quality



- 1- Inlet pipe
- 2- Casing base
- 3- Casing shell
- 4- Grain Inlet
- 5- Water connection
- 6- Discharge
- 7- End plates
- 8- Bearings
- 9- V-belt transmission

TYPE	A	B	C	D	Ø E	F	Ø G	Capacity (t/h)	Water addition rate (l/h)	Motor (kw)	Weight (kg)		Volume (m³)
											Net	Gross	
AD3CTV-3250	1887	690	865	370	120	1120	200	5-10	200-550	5.5	230	300	1.8
AD3CTV-32100	2387	690	865	370	150	1620	200	6-20	300-1100	11	460	550	2.6



ADDM is used for temperine wheat in flour mill, adding water to mixture which is operated semi automatically. It can be installed to the inlet of ADDS dampener, ADYT dampener or B1 storage.

*True moisture rate

*Long life

*High quality

Type	Power (kw)	Pressure (Bar)	Temperature (C)
ADDM EVK	25	4/6	20
ADDM HKM	20	4/10	20
ADDM PGP	45	4/10	80
ADDM DGM	30	4/10	80



Automatic Dampening

Otomatik Tav Cihazı

Автоматическая Увлажнительная Машина

Measure	Range	Precision
Wheat Humidity	7 % - 25%	+/- 0,1
Wheat Volume	70 kg - 85 kg	+/- 0,1
Wheat Temperature	-10°C - + 90 C	+/- 0,1
Wheat Flow rate	-	+/- 0,1



DBAD measures required humidity at the specific weight, extraction capacity of grain, flow rate of water for grain dampening. Humidity and temperature of the input wheat is measured in great accuracy.

Box Magnet

Kutu Miknatis

ЯЩИК МАГНИТ

انغمس يـط

CSMB and CSMF are used for cleaning house or prior to milling for removing iron parts as nails, wires, screws.

- *Maximum seperating effect inspite of short magnets
- *Easy periodic cleaning
- *High precision
- *Infinite magnetic life
- *Modular design
- *No need for mainterance



Tube Magnet

Boru Miknatis

Труба магнит



Missile Magnet

Type	Capacity (t/h)	Lenght (mm)	Inlet (mm)	Width (mm)
CSMF 100	10	570	100	200
CSMF 120	17	640	120	230
CSMF 150	30	680	150	275
CSMF 200	70	790	200	355
CSMF 250	100	950	250	435
CSMF 300	130	1000	300	515



High Pressure Fan

Yüksek Basınç Fanı

высокого давления вентилятора

High pressure fan is used in flour mills to convey products in vertical direction during milling process.

- *Squirrel cage motor
- *Enclosed design
- *High efficiency
- *Low operating cost
- *Basic construction
- *Long life
- *High quality



TYPE	Air Vacuum		Power	
	m ³ /h	mmWS	kw	rpm
ADBFN-22	4200	1200	22	3000
ADBFN-30	6000	1250	30	3000
ADBFN-37	7200	1200	37	3000
ADBFN-55	10000	1400	55	3000
ADBFN-75	12000	1500	75	3000
ADBFN-90	19000	1550	90	3000
ADBFN-110	33000	1200	110	3000

Low Pressure Fan

Aspiratör

низкого давления вентилятора

Low pressure fan is used to provide gathering of flour in upper heights and supply airflow for ventilation.

- *Squirrel cage motor
- *Enclosed design
- *High efficiency
- *Low operating cost
- *Basic construction
- *Long life
- *High quality



TYPE	Air Vacuum		Power	
	m ³ /h	mmWS	kw	rpm
ADASP-5,5	4500	290	5,5	1450
ADASP-7,5	6500	245	7,5	1450
ADASP-11	12000	240	11	1450
ADASP-15	14500	250	15	1450
ADASP-18,5	15600	280	18,5	1450
ADASP-22	16800	340	22	1450
ADASP-30	22000	280	30	1450

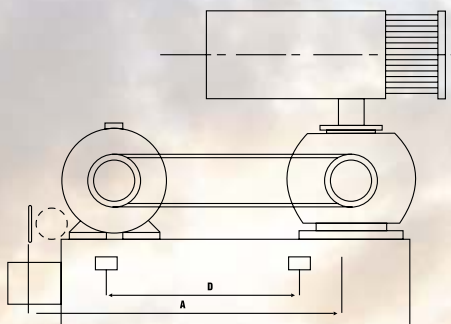
Blower Pump

Blover Pompa

Воздуходувка помпа

ADBP Used for all kinds of material to transport horizontally or vertically which is used with filter to generate compression.

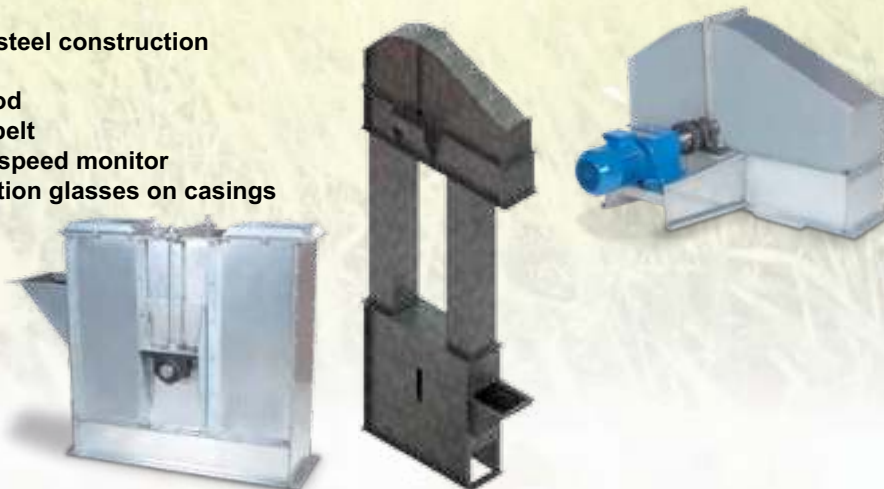
- *High efficiency
- *Compact design
- *Easy maintenance
- *Practical air filter maintenance
- *Long life
- *High quality



TYPE	Dimensions (mm)						@ 1450 rpm		@ 2200 rpm		Weight (kg)	Volume (m ³)
	A	B	C	D	E	DN	Capacity (m ³ /h)	Power (kw)	Capacity (m ³ /h)	Power (kw)		
ADBP-20	1180	465	820	730	440	65	48	2.2	106	3	420	1.7
ADBP-30	1180	465	820	730	440	75	86	3	177	5.5	440	1.7
ADBP-40	1190	515	950	620	475	83	180	4	250	5.5	490	1.7
ADBP-41	1195	515	950	620	475	83	190	5.5	350	7.5	505	1.8

ADELV is used for transporting all powdered, granuled raw materials and finished products vertically to meet all stations with belt-bucket system. It is manufactured in various lengths.

- *Bolted galvanized sheet steel construction
- *High sanitation
- *Two piece removable hood
- *Oil resistance antistatic belt
- *Possible to operate with speed monitor
- *Sight glasses and aspiration glasses on casings
- *Minimum maintenance
- *Long life
- *High quality



Elevator
Elevatör
элеватор

	TYPE	16x16	22x22	25x25	28x30	30x35	35x40	40x45
Capacity (t _h)	Wheat	7.5	16	28	35	45	65	100
	Flour	3.5	12.5	21	28	35	45	80
Pulley Diameter (mm)	Width	140	200	220	250	280	320	360
	Ø	400	500	500	500	600	600	600
Bucket (mm)	Width	100	140	140	200	240	280	320
Bucket Capacity (kg)	Wheat	0.27	0.56	0.9	1.32	1.7	2.6	3.2
	Flour	0.17	0.36	0.6	0.84	1.3	1.8	2.6
Pulley Speed (m/s)		2.5	2.5	2.5	2.5	2.4	2.4	2.4

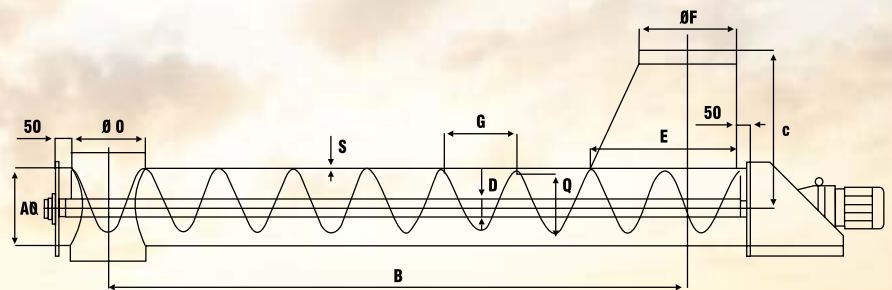


Tube Screw Conveyor Tüp Vidalı Helezon Конвейер трубы винт

It is designed to convey, collect, mix, blend and dampen all powdered or granuled material at horizontal and angular directions to meet stations.

- *Stainless steel or galvanized construction
- *High precision
- *Low periodical maintenance
- *Low energy consumption
- *High sanitation
- *High quality

TYPE	Dimensions (mm)										Capacity (t/h) @ 80 rpm	
	Ø A	B	C	Ø D	E	Ø F	G	S	Ø 0	Q	Flour	Bran
ADTVH-200	220	X	550	60	700	500	200	3	300	200	7.5	5
ADTVH-250	270	X	550	76	700	500	250	3	300	250	15	10

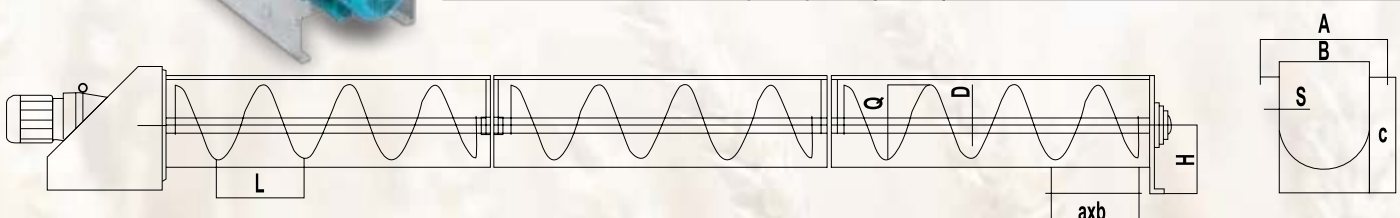


ADH is designed to convey all powdered and semi grained products which are not sensitive to break in non-sticky and slighting way. It is able to convey product in horizontal, vertical or angular directions.

- *Galvanized construction
- *High sanitation
- *High conveying capacity
- *Low power consumption
- *Efficient filling at high speeds
- *Accuracy in volumetric feeding
- *Streamlined design
- *Long life
- *High quality

Screw Conveyor Helezon ВИНТОВОЙ КОНВЕЙЕР

TYPE	Dimensions (mm)								Capacity			Outlet
	A	B	C	D	L	H	S	Q	WHEAT	FLOUR	BRAN	axb
ADH-150	250	175	230	42	150	140	2	150	4.5	3.5	2	175x175
ADH-180	275	195	260	42	180	155	2	180	8	6	3.5	200x200
ADH-200	300	220	320	48	200	205	2	200	11	8	4.5	230x230
ADH-250	360	280	390	60	250	250	3	250	20	15	10	280x280
ADH-300	410	330	440	76	300	260	3	300	35	25	17	330x330
ADH-400	510	430	545	76	400	335	3	400	90	65	40	430x430



Sliding Gate ADHS

Helezon Sürgüsü

скольжение винта ворота

Sliding gate is used to discharge or interrupt the flow of material in mechanical conveying lines to meet any required station.

- *Leakproof operation
- *Available in pneumatic or manuel types
- *Basic design
- *Minimum maintenance
- *Long life
- *High quality



Diverter Gate ADYK

Yön Klepesi

переключатель ворот

ADYK is used for diverting products in pneumatic lines to different directions.

- *Automatic control
- *Modular design
- *Long life
- *High quality



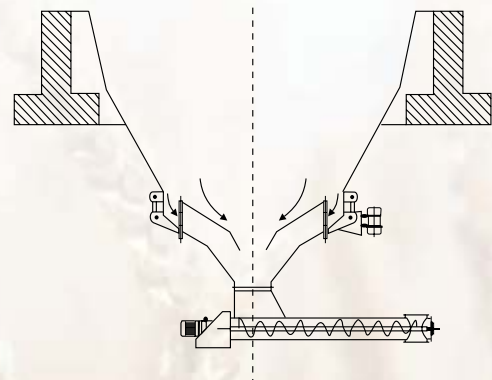
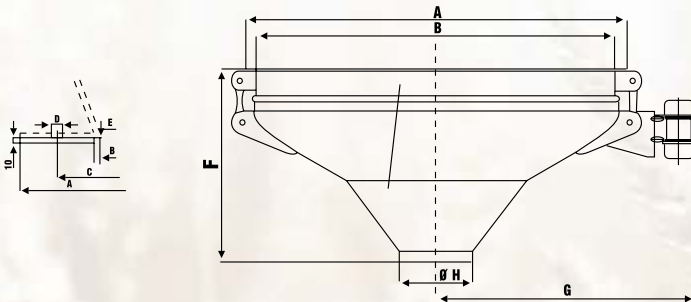
Rotoflow discharger is used for discharging of free flowing and sluggish bulk materials from concrete, steel or plastic silos and bins by vibration.

- *Regular flow
- *Volumetric control and dosing
- *Bulk flow discharge without mixing
- *Low overall height of silo
- *Low power consumption
- *Minimum maintenance
- *High capacity
- *High quality

Bin Discharger ADSB

Silo Boşaltıcı

Силос Эжектор

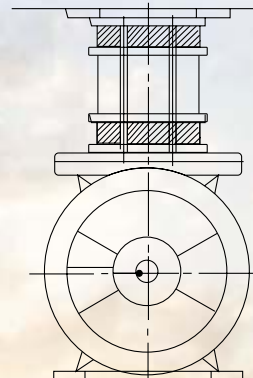
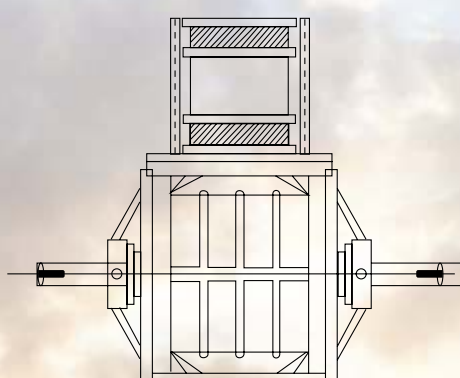




Air Lock Hava Kilidi Шлюзовой Затвор

Airlock is used to separate air from the flowing product in pneumatic conveying lines.

- *High precision
- *High efficiency
- *Low power consumption
- *Minimum maintenance
- *High capacity
- *Long life
- *High quality



TYPE	Capacity (dm ³ /rpm)	Rotor Speed (rpm)	Capacity (t/h)
ADHK-220	5.2	61	5,5
ADHK-270	6.1	61	9,8

Cyclone Pnömatik Siklon Циклон пневматический

TPAT is used for feeding and conveying product in pneumatic conveying pipes without leakage. The system operates with a blower pump set.

- *High precision
- *High efficiency
- *Accurate transport
- *Low power consumption
- *High capacity
- *Long life
- *High quality

Ecluse Eklüs

Транспорт Шлюзовой Затвор



TYPE	Wheat (t/h)	Flour (t/h)	Bran (t/h)	Power (kw)
TPAT-200	3.2	2.2	1.5	0.35-0.55
TPAT-250	8	5.5	3	0.55-0.75
TPAT-320	18	12.5	6.5	0.75-1.1
TPAT-450	40	28	16	1.1-1.5
TPAT-500	72	50	28	1.5

Flour Distributor ADUD Un Dağıtıcı Распределитель Муки

Flour distributor transfers finished product from milling section to control sifter. The device produces according to fit sifter passages.

- *Long life
- *Minimum maintenance
- *Low operating costs
- *High extraction rate
- *High quality



TYPE	Power (kw)	Speed (rpm)	Pipe Diameter (mm)
ADUD44	0,55	60	200

Insect destroyers are used after milling unit or before packaging unit to prevent infestation of insects to be grown. Devices run mechanically

- *High sanitation
- *High precision
- *High efficiency
- *Low power consumption
- *Minimum maintenance
- *High capacity
- *Long life
- *High quality



Insect Destroyer DEBÖUN
Un İçin Böcek Öldürücü
Насекомые убийца



Insect Destroyer DEBÖ
Böcek Öldürücü
Насекомые убийца



Control Sifter

Kontrol Eleği

Контроль Рассев

Control sifters are used for recontrolling product before loading and packaging units. The machine also can be used in low capacity milling units.

- *High sanitation
- *High precision
- *High efficiency
- *Low power consumption
- *Minimum maintenance
- *High capacity
- *Long life
- *High quality

TYPE	Number of Compartments	Number of Sieves	Capacity (t/h)	Power (kw)
ADKE 210	2	10-12	6 - 8	1.5
ADKE 410	4	10-12	9 - 11	2.2
ADKE 214	2	14-16	6 - 10	3
ADKE 414	4	14-16	12-16	4



Control Sifter

Kontrol Eleği

Контроль Рассев

Extraction rate scale is used in flour mills to scale products like wheat, flour, bran. In flour mills ADRK provides to control capacity and efficiency rates allways and momently.

- *Easily accessible information by internet or a telephone call
- *Complete PLC inspection
- *Easy calibration
- *Long life
- *High quality

Extraction Rate Scale Randıman Kantarı Весы Учета Производительности



TYPE	Material	Capacity (lt)	Capacity (t/h)			Ventilation (m ³)	Required Air (m ³ /bar)	Weight (kg)
			Wheat	Flour	Bran			
ADRK-50	Wheat-Flour - Bran	50	10-12	6-10	4-6	8	5-6	350
ADRK-90	Wheat-Flour - Bran	90	15-25	10-15	7-10	10	5-6	450
ADRK-220	Wheat-Flour - Bran	220	20-75	15-30	10-20	12	5-6	525
ADRK-320	Wheat	320	60-100	-	-	16	5-6	675
ADRK-700	Wheat	700	100-180	-	-	20	5-6	720
ADRK-1400	Wheat	1400	150-300	-	-	28	5-6	810

The system is designed to increase the quality of the products, efficiency of production and mixing the products in the desired ratios as prepared mixtures prior to production. Desired mixtures can be prepared according to values entered from the computer or operator terminal by placing a flow control weighing machine underneath the wheat silos.

- *High efficiency
- *Mixing precision
- *Long life
- *High quality

Flow Control System Akar Kantar Поточные Весы

TYPE	Capacity (t/h)	Precision
DEAKA-5	0,05 - 5	% 0,8
DEAKA-25	0,2 - 25	% 0,8
DEAKA-100	10 - 100	% 0,8





Panels are used to provide commands, control and compensation of multinumbrered electric motors. Generally, these panels act as the command centre of the electrical motors in the plant. By having these panels, an error-free and fast working atmosphere is achieved. Command and control of electric motor reliability provides the users with efficient and effective production, and also allows timely inter vention in case of errors, thus preventing potential accidents and loss of life/goods and therefore decreasing overall costs.

PANELS are comprised of 4 different function types of panels as listed below;

- *Main switch panel
- *Control panels
- *Compensation panel
- *Piano panel

Electrical Control Panels

Elektrik Panoları
электрических панелей



Packaging Machine ADPKT

Paketleme Makinası

Весовая машина

Packaging Machines are used for weighing and packaging finished products in the milling plant. Different types of machines can be used for various capacities.

SİLOLAR BÖLÜMÜ

Buğday, mısır, soya fasulyesi, arpa, ayçiçeği ve serbest akışa sahip ürünlerin tümü için her türlü depolama ihtiyacınızı çelik silolarla karşılayabilirsiniz. Silolar tüm aksesuarları ile birlikte 450 gr/m² (G140) galvaniz kaplı, çok yüksek mukavemete sahip çelik saclarla imal edilirler. Kullanılan sacın mukavemeti 450 Mpa'dır. Tümünü analiz sertifikalarına ve uluslararası standartlarına sahip S390GD+Z450 malzemesi kullanılmaktadır.

LINE OF SILOS

You may supply your storing needs by steel silos, for wheat corn, bean, barley, sunflower and all kinds of products which have easy flowing. Silos with all accessories are made of steel sheets 450 gr/m² (G140) galvanized covering, very high strength. The strength of sheet is 450 MPa. S390GD+Z450 material which has all Analyzing Certificates and international standards is used.

ЧАСТЬ СИЛОСОВ

Стальные силосы применяются для складирования всех видов сыпучих продуктов: таких как пшеница, кукуруза, соя, ячмень, подсолнечник и т.п. Силосы и все аксессуары к ним производятся из высокопрочных оцинкованных 450 gr/m² (G140) стальных листов. Прочность используемых листов составляет 450 Мпа. Используется материал S390GD+Z450, имеющий все необходимые сертификаты анализа и сертификаты международных стандартов.





DÜZ TABANLI SİLOLAR

Düz Tabanlı Silolar minimal kurulum maliyeti, montaj kolaylığı ve yüksek verimli yapıları ile düşük maliyetli depolama olanağı verir.

AKTİV olarak 25 tondan 20.000 tona kadar silo kapasitesi sunabiliyoruz. Kendinden destekli çatılar uygun açı ile dengeli ve optimum depolamaya yapmanıza olanak sağlar. Silo imalatında kullanılan saclar S350GD kalite ve 450gr/m2 galvaniz kaplamaya sahiptir.

AKTİV 10.9 kalite JS1000 veya Geomet500A kaplamaya sahip civatalar kullanır (Civatalar 1000 saat tuz içerisinde bekletilme ve paslanmazlık testi görmüştür. Böylelikle 10 kat daha fazla korozyon direnç testine tabi tutulmuştur.)Bağlantı noktalarında özel yalıtım malzemesi sızdırmazlık için kullanılır.

AKTİV silolarında istenirse yandan boşaltma sistemi uygulanarak hızlı ve düşük maliyetli boşaltma sağlanır. Silolarda kolay erişim için kapı bulunmaktadır.

AKTİV silolarında ürün sıcaklığını ve nemini ölçmek için sıcaklık ve nem ölçme sistemleri bulunmaktadır. Silo içerisinde belli noktalardaki sensörler vasıtasıyla sıcaklık ve nem taşınabilir veya sabit monitörler aracılığı ile takip edilebilmektedir. Bu sistemler silo içerisindeki sıcaklık ve nemi kontrol edebilmek amacıyla PLC ile irtibatlı hale getirilebilmektedir.



FLAT-BOTTOM SILOS

Flat Bottom Silos deliver diversity by involving easy assembly resulting in minimal installation costs and highly efficient low cost storage.

AKTİV offers a capacity range of 25 - 20.000 tones.

AKTİV offers diameter-based roof options that help balance performance with price. Also self-supporting roofs with appropriate angle, permitting the optimization of storage capacity through adaptation to the slope of the silo.

Manufactured with galvanized steel SD350GD of high elastic tolerance and with Z450 minimum coating equivalent to 450gr/m2 of zinc.

AKTİV uses grade 10.9 bolts and nuts which have JS1000 or Geomet500A coating (rust-free in over 1000 hours of salt spray testing. That is up to 10 times more corrosion resistance) also special insulation material is used for the efficient sealing.

AKTİV side discharge system allows gravity load out to trucks or rail cars.

Commercial grain silos feature a heavy-duty access door.

AKTİV temperature control system consists of temperature sensors installed inside the cables to measure the grain temperature, and portable or stationary temperature screens. The temperature control system is connected with the PLC to allow for controlling the grain temperature inside the silos via the PLC screen.

TAV-PAÇAL- BUĞDAY SİLOLARI

Aktiv kare siloları tahıl, yem gibi birçok taneli ve toz ürünlerin depolanması için müşterilerine çözüm sunmaktadır. Birbirine geçme trapez bükümlü modüller halinde imal edilir. Montaj ve demontajı kolaydır. Modüler sistem müşteri isteğine göre adapte edilir. Talep edilen ölçülerde ve istenen kapasitelerde dizayn yapılır. Dar alanda yuvarlak siloya göre daha çok depolama sağlanır. İhtiyaca göre hücresel bölümlenmeler yapılabilir.

Dış kaplama müşteri talebine bağlı olarak; elektrostatik fırın boyalı çelik, galvanizli çelik veya paslanmaz çeliktir.

Gıdaya uygun epoksi boyalı üretimler, boya öncesi kumlama gibi özel yüzey işlemlerine tabi tutulmaktadır.

Çelik konstrüksiyon veya beton kalde üzerine montaj edilebilir. Tekli veya çoklu çıkış opsiyoneldir.

Aktiv kare siloları düzenli akış, ilk giren malzemenin ilk çıkması, adet ve kapasite yönünden tavlama ve paçallama yapmanız için idealdir.

DAMPENING-BLENDING-WHEAT SILOS

Aktiv Square Silos offer solutions to customers to store several granular and powder products such as grain and feed etc. It is manufactured in trapezoidal mesh twisted modules. Mounting and demounting can be made easily. The Modular system is adapted according to the customer's request. Requested sizes and capacities are custom designed. It provides more storage space in limited area than round silos. Cellular divisions can be made according to requirements.

The Outside coating, depends on customers demand;

Electrostatic powder painted steel,
Galvanized steel,
Stainless Steel,

Food grade epoxy painted productions are subjected before painting a special surface operation such as sandblasting. They might be mounted on a steel construction support or concrete base. Single or multiple outputs are optional.

Aktiv Square Silos are ideal for; regular flow, first in first out storage, tempering and blending in terms of quantity and capacity.



UN-İRMİK-KEPEK SİLOLARI

Aktiv çelik siloları Un, Kepek, İrmik v.b. toz ve granül ürünlerin depolanması konusunda müşterilerine çözüm sunmaktadır. Tamamen civatalı birleştirme ile modüller halinde imal edilir. Montaj ve demontajı kolaydır. Modüler sistem müşteri isteğine göre adapte edilir. Talep edilen ölçülerde ve istenen kapasitelerde dizayn yapılır.

Dış kaplama müşteri talebine bağlı olarak; elektrostatik fırın boyalı çelik, galvanizli çelik veya paslanmaz çeliktir.

Gıdaya uygun epoksi boyalı üretimler, boya öncesi kumlama gibi özel yüzey işlemlerine tabi tutulmaktadır.

Silo içinde düzgün bir yüzey alanı sağlandığından dolayı ürün birikmesi veya silo çeperine yapışma söz konusu değildir. Vibrasyonlu silo boşaltmaya uygundur. **Aktiv** un siloları, altına yerleştirilen taşıyıcı ekipman ile PLC sistemli dozajlama yapılabilir. Dozajlanan un mikserde karıştırılarak paçallama yapmanızı sağlar.

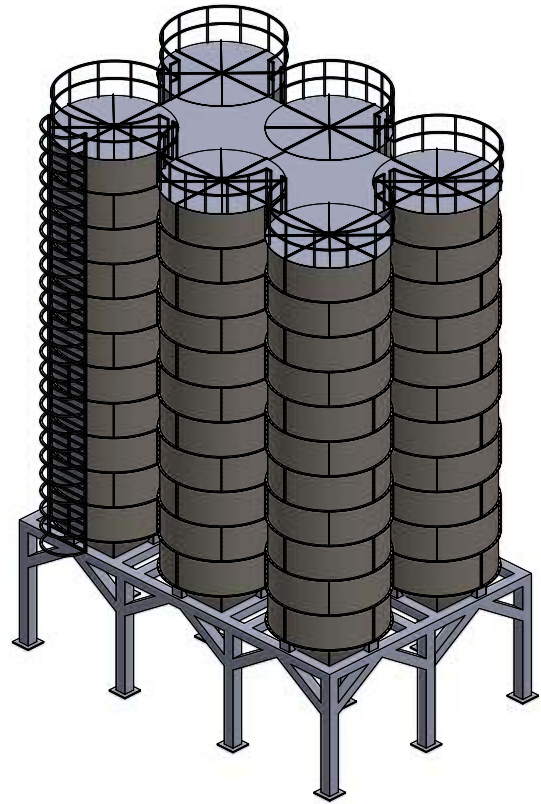
FLOUR-BRAN-SEMOLINA SILOS

Aktiv offers solutions to its customers with steel silos in order to store flour, bran, semolina etc. granular and powder products. It is manufactured in modules with all bolted combining. Mounting and demounting can be made easily. Modular system is adapted according to customer request. It is designed in demanded sizes and requested capacities.

Outside coating, depends on customers demand;
Electrostatic powder painted steel
Galvanized steel
Stainless Steel

Food grade epoxy painted productions are subjected before painting with special surface operations such as sandblasting.

There is no product build-up or stick to walls of the silo, because of being provided a smooth surface area. It is suitable for vibratory discharging. With a PLC system, **Aktiv** flour silos allow to be made dosaging through a carrier equipment placed under dosaged flour allows to make blending in the mixer.





Fırçalı Tapeten
Brush Plastic Cleaner
Щётка



Damla Tapeten
Plastic Cleaner
Щётка (трёхугольная)



Yıldız Tapeten
New style Cleaner
Щётка



7237 Takoz
Rubber Wedge
вибрации креплений



Tapeten
Cotton Cleaner
Щётка



7281 Takoz
7281 Rubber Wedge
вибрации креплений



7236 Takoz
7236 Rubber Wedge
вибрации креплений



DK Elastik Dişli Kavrama
DK Elastic Couplings
Эластичная муфта



Vals Motor Kasnakları
Pulley
шкыф для вальцы станок



V Kayış
V Type Belt
Ремень



Çuval Ağzı Dikiş İpi
Sewing Thread
швейных ниток



Ayarlı Vals Fırçası
Adjusted Roller Mill Brush
Щётка регулируемого станок



Elek Alt Torbası
Sifter Inspections Pipe
Контрольные трубы рассева



Elek Şeridi
Plansifter Braid
полоса рассева



Çatal
Y Pipe
труба



Çelik Dişliler
Steel Gears
Стальные шестерны



Yıldız Kaplin
Couplings
муфта



Akış Borusu
Flow Pipe
труба потока



Boru Fırçası
Pipe Cleaner Brush
щётка для трубы



Vals Topu (Kırma ve Liso)
Milling Role
Валы станок



Sonda
Probe
зонд



Eğri Nazo
Curve Straight Hopper
засыпная воронка



Elek Alt Kontrol Borusu
Sifter Inspections Pipe
Контрольные трубы рассева



Destek ve Yuvarlak Takoz
Support Wedge
шарынк



Sabit Çuval Ağzı Dikme Makina (elle)
Bag Sewing Machine (by hand)
швейная машина (с руками)



Paçal Makinası
Blending Machine
дозатор



Zincirli Kilit Yarım Ek
Chain Bolts
Цель



Filtre Diyaframı (Silikon)
Filter Diaphragm (Silicone)
диафрагма фильтра (силикон)



Vals Fırçası (Kahverengi)
Roller Mill Brush (Brown)
щётка станок (коричневый)



Döküm Dirsek
Cast Elbow
Отливное колено



Sabit Çuval Ağzı Dikme Makinası
Bag Sewing Machine
швейная машина



Soba Enjektör
Injektor Stove Type
Печкообразный инжектор





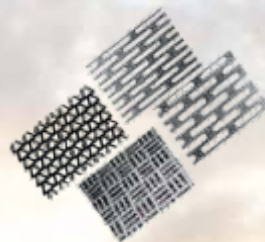
Elektrikli Motor
Electric Motor
Электрический двигатель



Elevatör Kovaları
Elevator Bucket
Ковши нории



Perfore Saclar
Perforated Metal Sheets
перфорированные листы



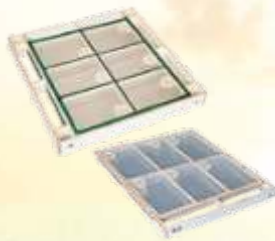
Plastik Dirsek
Plastic Elbow
пластиковое колено



Un Klepesi
Flour Diverter
Клапан муки



İsviçre Naylon Elek
Clothes For Sieve
нейлоновый рассев



Kauçuk Kapaklar
Rubber Cover
каучуковые крышки



Kauçuk Dirsek
Rubber Elbow
каучуковое колено



Jet Filtre Torbası
Jet Filter Bags
мешок реактивного фильтра



Kontrol Borusu
Control Pipe
Контрольная труба



Konveyör Bant Raptiyeleri
Conveyor Band Drawing Pin
крепки ленточного конвейера



Kepek Fırçası Saçları
Bran Finisher Sieve
Сетка щёточной машин



Pipo Enjektör
Injektor Pipe Type
Трубообразный инжектор



Pnomatik Siklon
Pneumatic Cyclone
пневматический циклон



Lastik Toplar
Rubber Ball
каучуковые мячики



Pnomatik Camlar
Pneumatic Glasses
пневматические стекла



Silindir ve Plaka Sperator Miknatısları
Separator Magnets of Cylinder and Plate
Сепаратор Магниты цилиндра и пластины



Pnömatik Yön Klapesi
Rotary Diverter Valve
Пневматический Направляющий Клапан



Redüktörlü Motor
Reducer Motor
Двигатель с редуктором



Redüksiyon
Reduction
Редукция



Lastik ve Tokmak Çekiç
Rubber Hammer
каучуковый молоток



Krolet Kelepçe
Clamps-Connections
хамут



Taş Ayırıcı Lastiği
Dry Stoner Rubber-Outlet Rubber
камнеотборничный каучук



Maşonlar
Collar
крышки пневматики



Liso ve Kıрма Vals Dişlileri
Gear for Roller Mills
Шестрены



Miknatıs Kutusu (Sac)
Magnet Box (Sheet)
коробка магнита (лист)



Yataklı Rulmanlar
Ready Bearings
Подшипники



Balanser (Dikiş Makinası Askısı)
Balancer
балансер





Bu akış şeması, her fabrikada uygun olarak değişmektedir

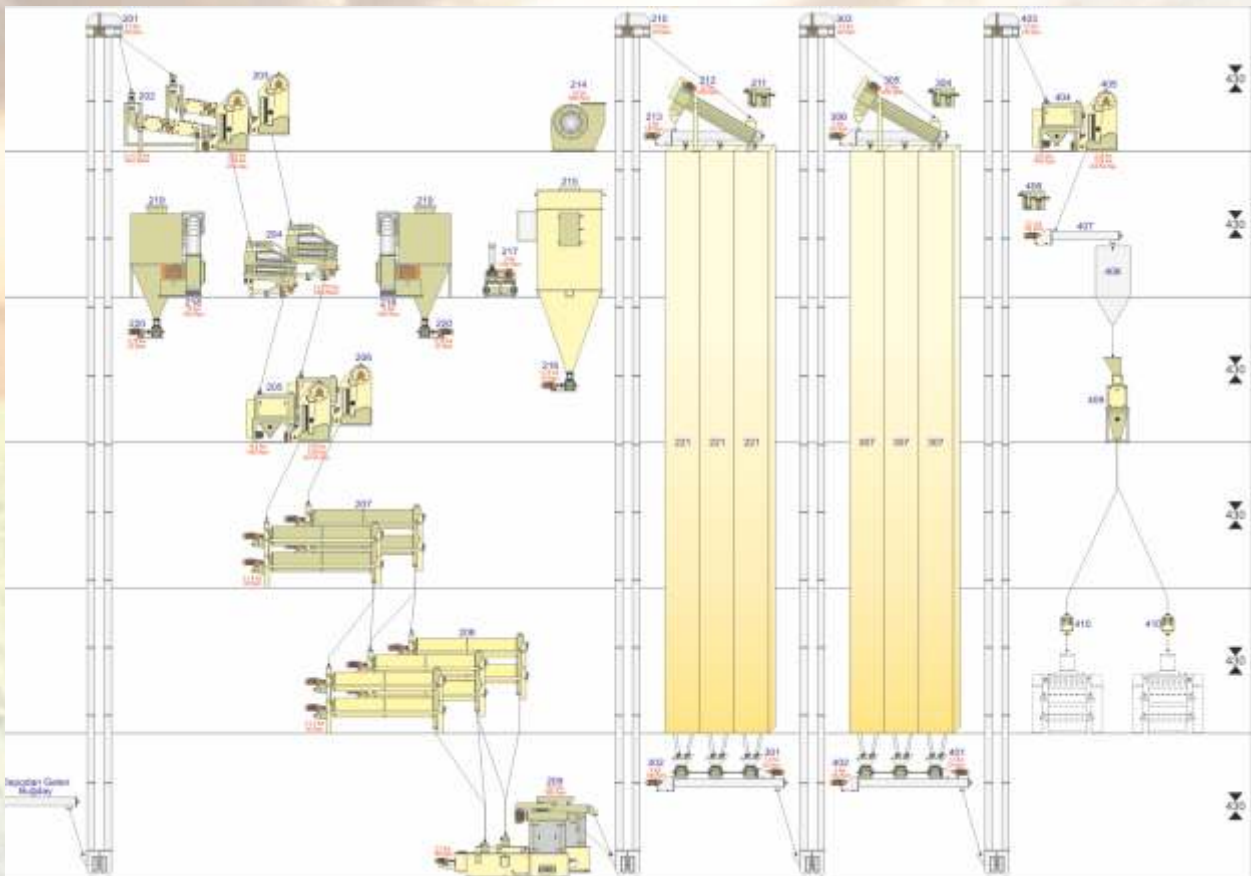
This flow chart varies in accordance with each factory

Это блок-схема изменяется в соответствии с каждым заводе

Un değirmeni akış şeması

Flour mill flow chart

Мука график мельница поток



201- Elevatör / Elevator	214- Aspiratör / Aspirator	306- Vida / Spiral
202- Çöp Sasörü / Separator	215- S.Filtre 78-24 / S.Filter 78-24	307- 2. Tav Siloları / Second Tempering Silos
203- Radyal Tarar / Radial Tarar	216- Hava Kilidi / Air Lock	401- Paçal Makinaları / Mixing Machines
204- Taş Ayırıcı / Dry Stoner	217- Blower / Blower	402- Vida / Spiral
205- Kabuk Soyucu / Husk Peeler	218- Aspiratör / Aspirator	403- Elevatör / Elevator
206- Radyal Tarar / Radial Tarar	219- Toz Siklonu ø 1500 mm / Dust Cyclone ø 1500 mm	404- Kabuk Soyucu / Husk Peeler
207- Jumbo Triör / Jumbo Trieur Normal	220- Hava Kilidi / Air Lock	405- Radyal Tarar / Radial Tarar
208- Jumbo Triör / Jumbo Trieur Absuk	221- 1. Tav Siloları / First Tempering Silos	406- Debimetre / Water Adj. Apparatus
209- Elevatör / Elevator	301- Paçal Makinaları / Mixing Machines	407- B1 Vida / B1 Spiral
210- Yıkama Makinası / Washer Machine	302- Vida / Spiral	408- B1 Depo / B1 Bunker
211- Debimetre / Water Adj. Apparatus	303- Elevatör / Elevator	409- Randıman Kantarı / Extraction Rate Scale
212- Cebri Tav / Intensive Dampener	304- Debimetre / Water Adj. Apparatus	410- Miknatis / Magnet
213- Vida / Spiral	305- Cebri Tav / Intensive Dampener	

Bu akış şeması, her fabrikada uygun olarak değişmektedir

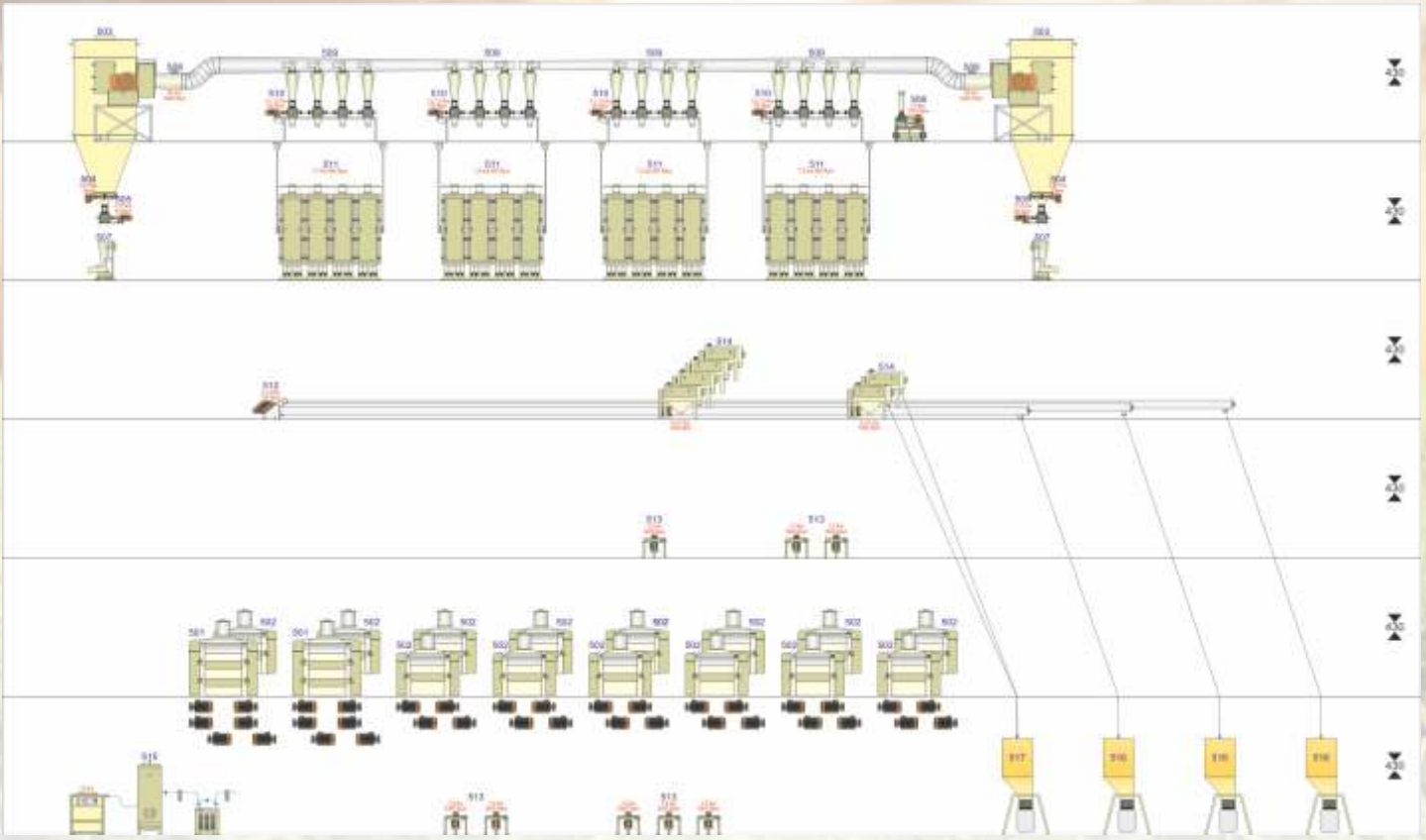
This flow chart varies in accordance with each factory

Это блок-схема изменяется в соответствии с каждым заводом

Un değirmeni akış şeması

Flour mill flow chart

Мука график мельница поток



501- Çift Katlı Vals / Double Deck Roller Mill
502- Tek Katlı Vals / Single Deck Roller Mill
503- S.Filtre 78-24 / S.Filter 78-24
504- Rotoflow / Rotoflow
505- Hava Kilidi / Air Lock
506- Blower / Blower
507- Vibro Yedirici / Vibro Feeder
508- Pnömatik Fan / Pneumatic Fan
509- Pnömatik Siklonları / Pneumatic Cyclones

510- Pnömatik Hava Kilitleri / Pneumatic Air Lock
511- Kare Elek 828 / Square Plansifter 828
512- Un Vida / Flour Spiral
513- İrmik Fanı / Semolina Detacher
514- Kepek Fırçası / Bran Finishers
515- Kompresör ve Kurutucu / Compressor and Air Dryer
516- Un Çuvallama Kuburu / Flour Bagging Bunker
517- Kepek Çuvallama Kuburu / Bran Bagging Bunker



ÇEKİÇLİ DEĞİRMEN

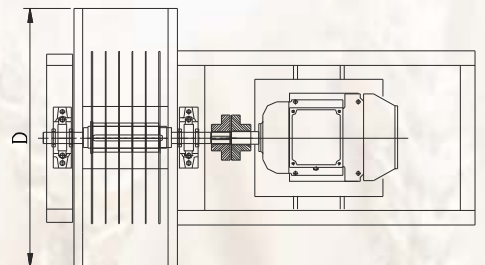
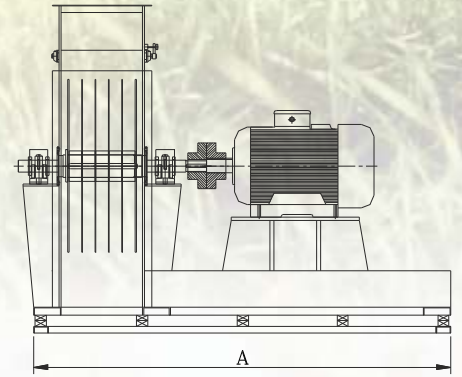
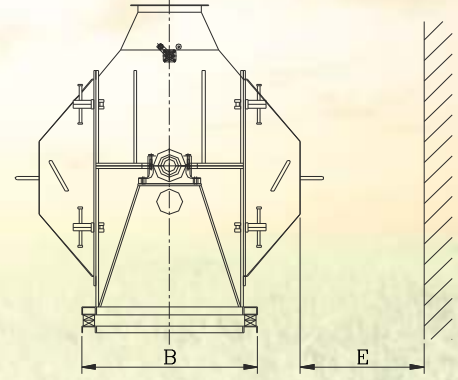
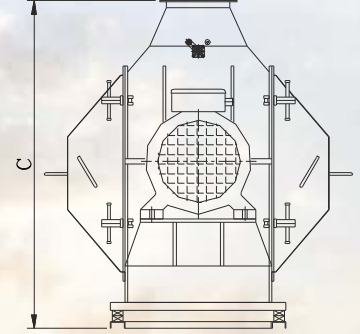
Bu değirmenle hemen hemen bütün daneli kuru veya az rutubetli maddeler kolayca öğütülür. Yem sanayisinde bu amaçla kullanılır.

Gövde çelik konstrüksiyon ve kaynaklı imal edilmiştir. Çekiçli taşıyan rotor, kuvvetli bir mil üzerinde dönmektedir. Çekiçler sertleştirilmiş çelik malzemeden yapılmıştır. Serbestçe hareket edecek şekilde dizayn edilmiştir. Üzerinde bulundurduğu eleğin değişmesi kolay ve çabuk olacak şekilde dizayn edilerek rotorun durmadan da değiştirilebilmesi sağlanmıştır. Motor direkt akupile kaplinle bağlanmıştır. Motor ve değirmen gövdesi müşterek şase üzerine monte edilmiştir.

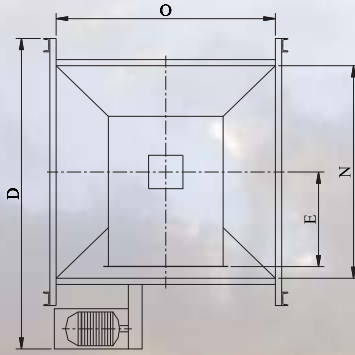
HAMMER MILL

This hammer mill grinds easily raw materials which are dry and dampness fines. It is used in food industry for this purpose.

The body is steel and welded construction. The hammers are on the rotor which turn one enduring mill. The rotormill turns in the strong ball thrust. The hammers are made of hardened steel. It is designed turning freely. The sieve is on the hammer mill and it is changed easily without stopping the rotor. Motor is connected directly to coupling. Body of hammer mill is mounted on the same chassis.



Model Type	Kapasite Capacity	Elektrik Motoru Electrical Motor			Paketleme Hacmi Package Volume m ³		Ölçüler Dimensions mm				
	t/sa. t/h	Model Type	kw	d/dk rpm	Net	Brüt Gross	A	B	C	D	E
ADCD-45	5	GM 225-M-4	45	1500	2,1	2,5	1800	700	1660	1200	800
ADCD-90	10	GM 280-M-4	90	1500	5,5	6,3	2100	960	1800	1428	1000
ADCD-110	15	GM 315-S-4	110	1500	6	6,9	2300	960	1800	1428	1000
ADCD-132	20	GM 315-M-4a	132	1500	6,5	7,4	2500	960	1800	1428	1000
ADCD-160	30	GM 315-M-4b	160	1500	7	8	2700	960	1800	1428	1000

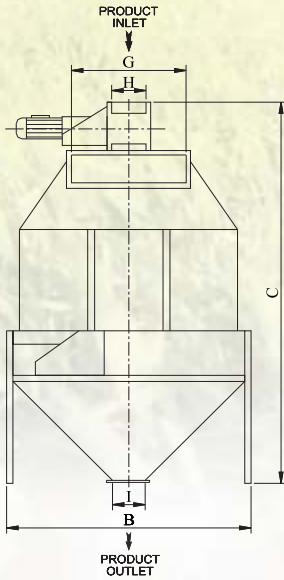
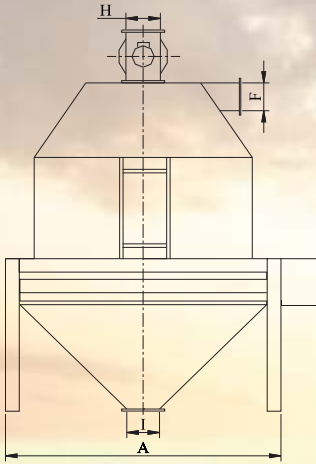


PELET SOĞUTUCU

Üç ızgaralı, ters hava akımlı soğutma sistemli
Ayar edilebilir, elektropnömatik kontrollü pelet boşaltma hızı
Frenli redüktör ile kumanda edilen hareketli boşaltma ızgarası
Şeffaf kontrol penceresi
2 adet seviye kontrol sensörlü
Pelet toplama hoperi
Hava kilidi
Hava debi ayar flaplı davlumbazı
Pelet dağıtıcısı

COUNTER FLOW COOLER

Unloading mechanism consisting of one electropneumatically adjustable,
one stationary and one motor driven sliding grid discharge system
Side walls with one transparent inspection door
Level control sensors
Collecting hopper
Rotary valve with electric motor
Exhaust hood
Pellet spreader



Model / Type	Soğutma Hacmi Volume Of Cooling	Redüktör Motoru Reducer Motor			Paketleme Hacmi Package Volume		Ölçüler / Dimensions mm								
	m ³	Model Type	kw	d/dk	Net	Brüt Gross	A	B	C	D	E	F	G	H	I
ADPS 14/14	2,0	MR 273-90S/4	1,1	21(Brake)	9,42	10,84	1920	1650	2460	2320	700	200	600	250	250
ADPS 14/19	2,8	MR 273-90S/4	1,1	21(Brake)	13,40	15,23	2400	1650	2900	2800	850	300	600	250	250
ADPS 19/19	3,8	MR 273-90S/4	1,1	21(Brake)	19,38	21,66	2400	2130	3250	2800	850	250	1000	300	300
ADPS 19/24	5,5	MR 273-90S/4	1,1	21(Brake)	25,50	28,27	2900	2130	3650	3280	1000	300	1250	300	300
ADPS 24/24	7,5	MR 473-100L/4	2,2	21(Brake)	32,02	35,17	2900	2610	3740	3280	1000	300	1250	300	300
ADPS 24/28	9,5	MR 473-100L/4	2,2	21(Brake)	40,38	44,09	3360	2610	4115	3760	1240	400	1250	300	300

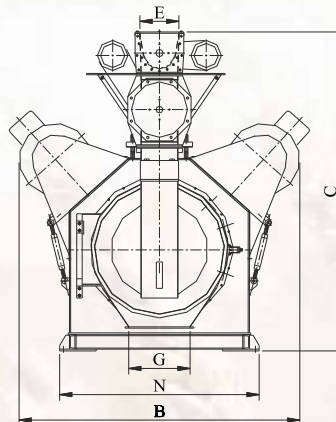
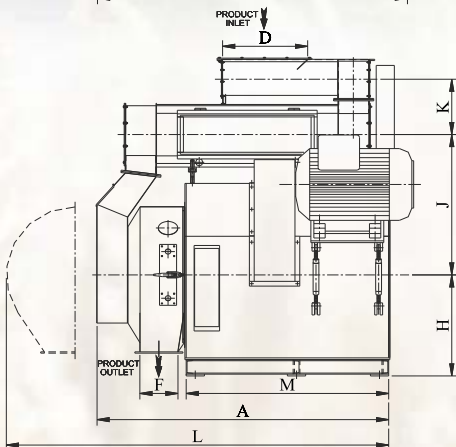
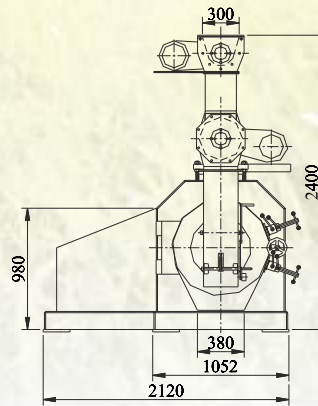
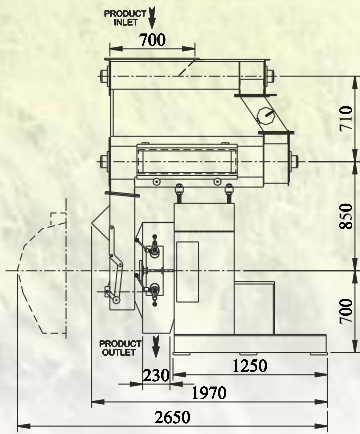


PELET PRESİ

Kaynaklı çelik konstrüksiyon gövde
Büyük radyal kuvvetleri taşıyabilen uzun ömürlü rulman sistemi
V-Kayış-kasnak tahrikli
Paslanmaz çelik paketleme hücresi
Paslanmaz çelik (*46 Cr 13) ya da özel alışımlı çelik döküm disk
Civatalı disk bağlama sistemi
Aşırı yüklenme sonucu blokajı önleyen tertibat
Paketleme hücresi güvenlik sivici

PELLET MILL

Steel housing welded construction
The rotor mounted on the main shaft runs on two long life bearings
V- belt drive transmission
Stainless steel pellet cell
Manually adjusted double roll system
Stainless Steel (*46Cr13) or special alloyed steel cast iron disc
Bolted disc connection system
Arrangements preventing extreme blockage
Pellet cell security
Mechanical crane system for the easy lifting of disc and rolls (UMPP 420/138)
Permanent magnet



MELASİYER

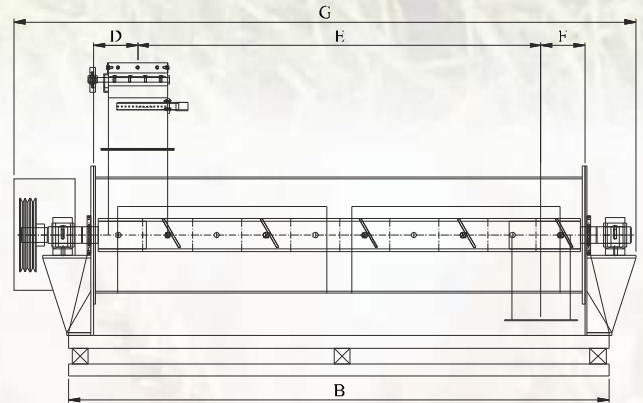
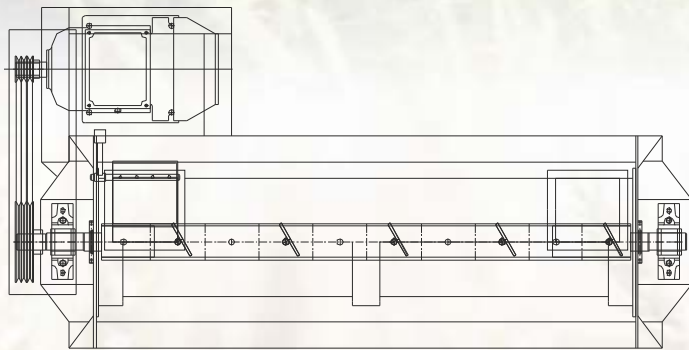
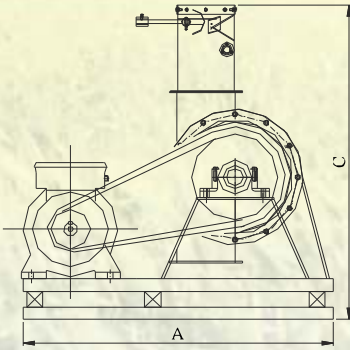
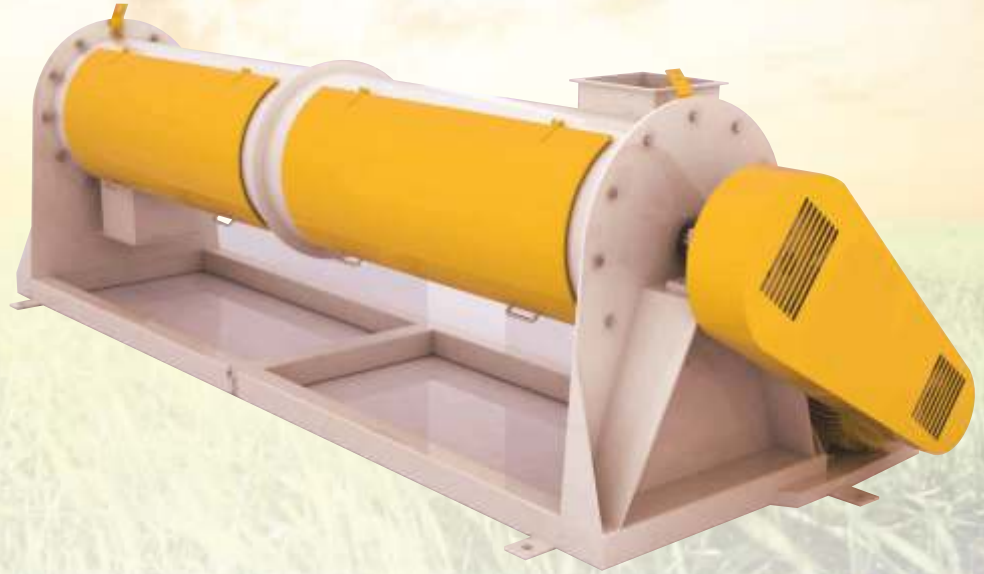
Yem fabrikalarında mamule katkı sağlamak amacıyla sıvı tatlandırıcıların homojen karışımı için tasarlanmıştır.

Gövde U tipinde olup isteğe göre ST 37 ve AISI 304 malzemeden imal edilir. Makine %1-11 arası verilen sıvıyı homojen şekilde karıştırır. Kapasiteye bağlı olarak ebatları değişkenlik gösterir. Melasın 40-42°C civarında ısıtılarak makineye girişi sağlandığında maksimum karışım sağlanır. Sürekli sistemde çalışır.

MELASOR

It is designed for homogeneous mixing of fluid sweetener to product additives in feed mill plants.

U type body in ST 37 or AISI 304 material up to requirement, Fluid with 1-11 % is mixed homogeneously, Variable sizes up to capacity, Maximum mixing is provided by heating molasses in 40-42°C, Continuous system.



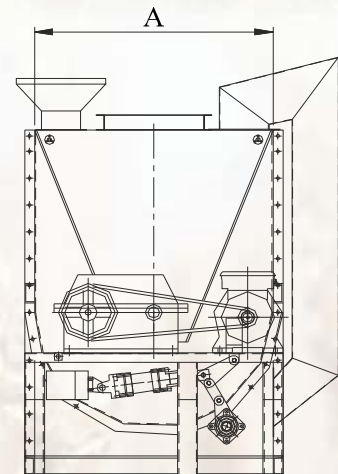
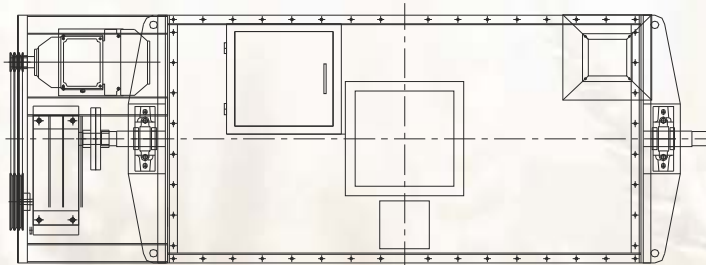
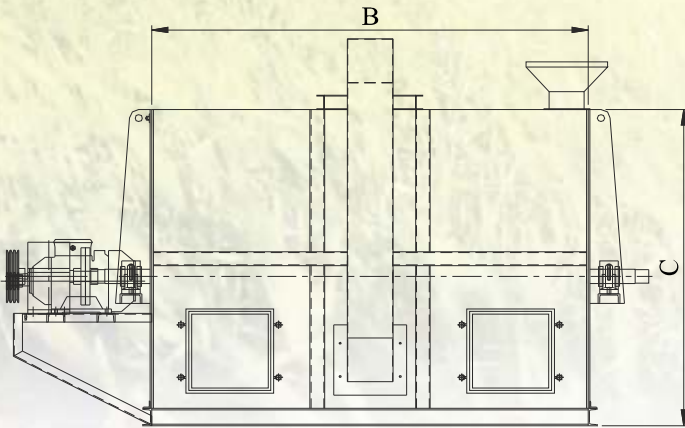


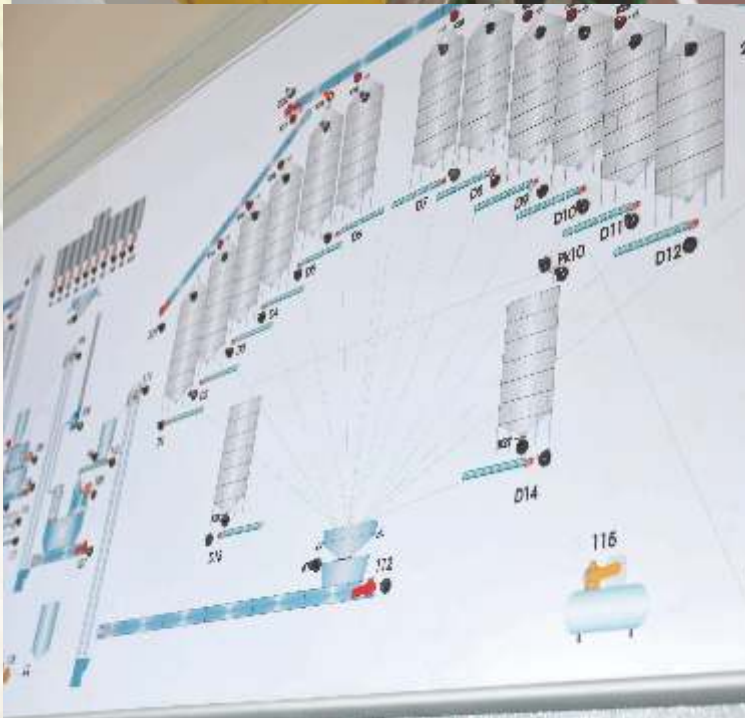
KARIŞTIRICI

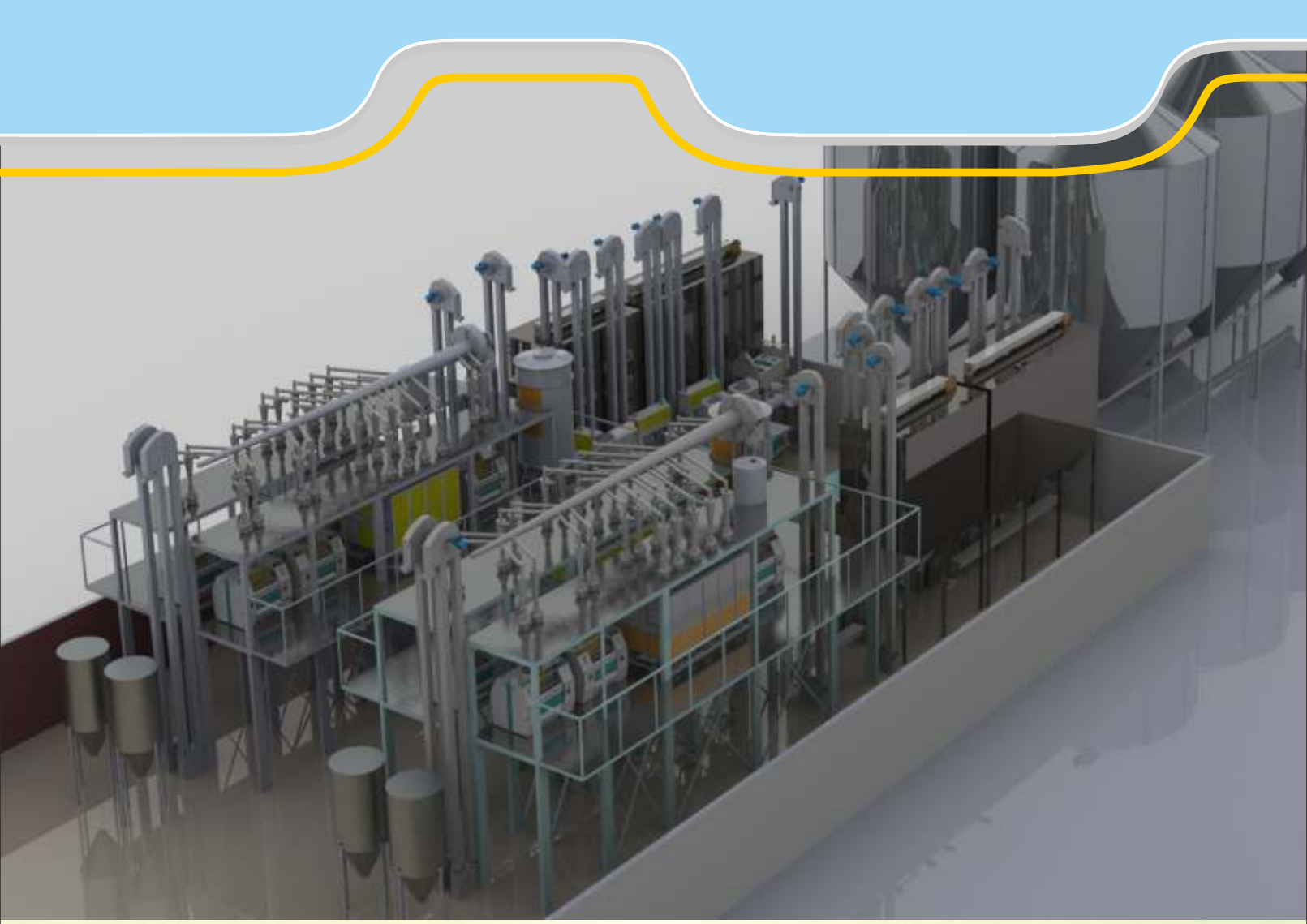
Gövde U tipinde olup isteğe göre ST 37 ve AISI 304 malzemeden imal edilir. Rotor tek şaftlı olup start-stopu uygundur. Rotor helezon sarımları çifttir. Rotor iki tarafından yataklanmış olup sızdırmazlık sistemi mevcuttur. Karıştırıcı içerisindeki oluşan basınç dengesi havalandırma borusu ile stabil halde tutulur. Rotor kalın etli borudan imal edilir. Alt-üst kapak pnömatiktir. Rotor redüktör ile direkt akuple olarak tahrik edilmiş olup motor redüktör arasındaki güç iletimini kayış kasnak mekanizması ile sağlanmıştır. Alt kapakta kilitleme sistemi mevcuttur. (özel dizayn), Karıştırma süresi 2,5-4 dakikadır. (ürün ile değişkendir), Karıştırma hassasiyeti 1/100.000, Batch sistemi ile çalışır.

MIXER

U type body in ST 37 or AISI 304 material up to requirement, Single shaft rotar is suitable to start-stop, Double helix coiled rotar, Rotar is beared from both sides, included imperviousness system, Pressure balance in mixer is stabilized by aeration pipe, Rotar is made by thick pipe, Pneumatic bottom and top gate, Rotar is driven by direct-coupled, power transferring between motor and reducer is provided by belt pulley, Available locking system on bottom gate (special design), Mixing time is 2,5-4 minutes (as product kind), Mixing sensitivity 1/100.000, Driven by batching system.







AKTİV

Flour-Feed-Mill Machinery
Modification-Installation and Diagrams

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