

Himmet Usta

Himmet Usta Milling Machinery Inc.

A half century of milling.

Himmet Usta was established in 1960, started producing mobile mill in a small work-shop, however now is continuing in a modern area that has 15.000m2 indoor, totally 35.000m2 field with its 120 qualified personnel.

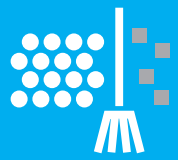
Since the company founded, research and development is very important for the company, by means of R&D, Himmet Usta analises the expectations and requests of the sector by improving the production range. In 1970 milling machines with horizontal cylinder, in 1980 machines for salt, feed, lentil and farina mills were manufactured by Himmet Usta. Also it has another important role in the sector by producing pneumatic roller mill in Turkey in 1990.

Started to establish complited (turn-key) factories in 1992, Himmet Usta provides entegration system to the customers by producing all goods with the respect of own brand and own quality.

Twenty-four years of manufacturing experience is recorded with the brand name of "Himmet Usta" in 1984. Today it produces machines with the modern manufactur-ing substructure, experienced technical staff and high technology CAD-CAM softwares aided CNC Machines. The company controls all steps of the production.

Focusing on customer pleasure, the company has marketing,manufacture,sale,assem bly and post-sale assistance which are in international standarts. The production qual-ity of the company is recorded by ISO 9001-2000 and TSEK certificates.Today Himmet Usta has proud of exporting its products to over 30 countries in Middle-East, Turks Republics, Europe, Africa and Asia.


Himmet Usta



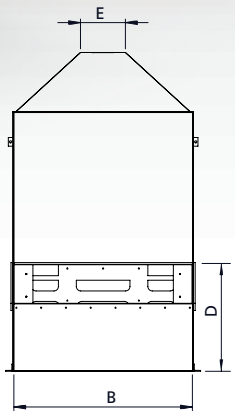
AIR CHANNEL /HAVA KANALI	CHAC
RADIAL AIR SEPERATOR /RADYAL TARAR	CHRT
DE-STONER /TAŞ AYIRICI	CSTA
VIBRO GRAIN SEPERATOR / VIBRO TARAR	HUGS
HAMMER MILL / ÇEKİÇLİ DEĞİRMEN	CSHM
IINTENSIVE DAMPENER / AÇILI YOĞUN TAV	DBYT
SCOURER /KEPEK SOYUCU	CDKS
TRIEUR / TRİYÖR	CSTS

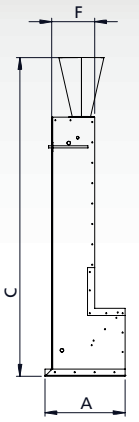
Cleaning Section
Temizleme Grubu

CHAC

Air Channel
Hava Kanalı







The duty of the air channel is to separate corn barley wheat and similar granular products. It is designed to clean all kind of foreign materials with the help of air circulation.

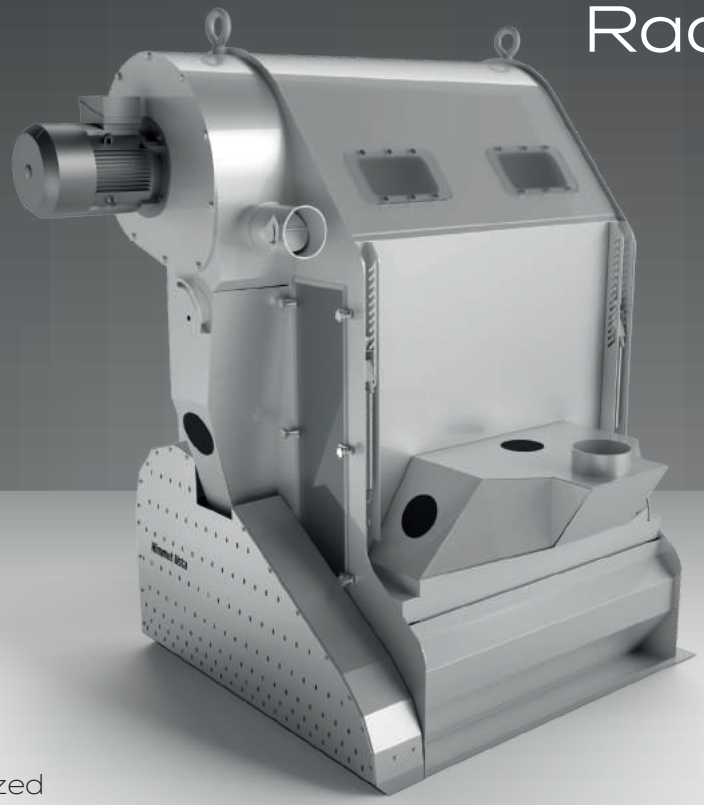
- Low energy consumption and high efficiency
- Silent operation
- Easy and moduler use

Type	Capacity (m³)	Volume (m³)	Power (kw)	Requried Air (m³/min)	A	B	C	D	ØE	F	Weight (kg)
CHAC-50	4	0.3	---	40	400	600	1280	300	120	200	80
CHAC-80	5	0.43	---	50	400	800	1350	300	120	200	95
CHAC-100	10-14	0.65	0.085	80	400	1000	1420	300	150	200	120
CHAC-150	20	0.9	0.085	120	400	1500	1490	300	150	200	165

Himmet Usta

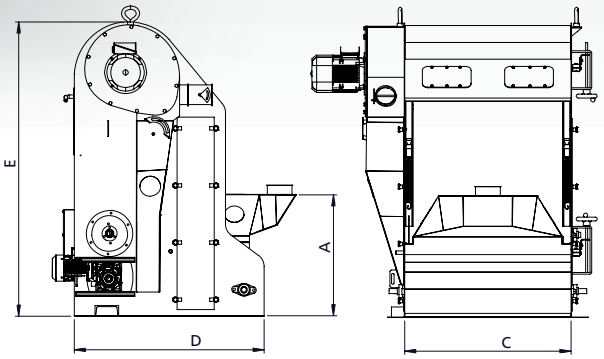
Air Cycle
Radyal Tarar

CHRT



Dust, straw, undersized grain, etc., which is lighter than a grain of grain. It is used to separate the particles from the normal grain and the desired wastes with the air aspiration created within the machine itself.

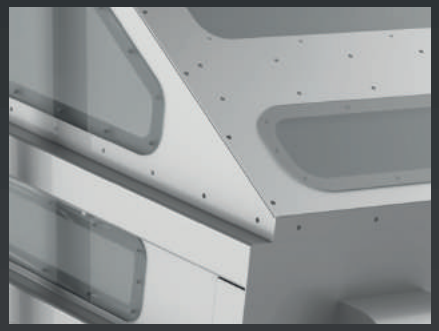
- High discrimination with constant air distribution
- High precision air adjustment option against product loss

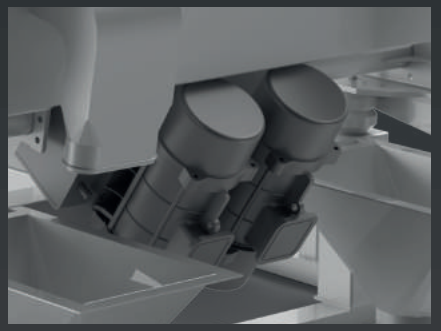


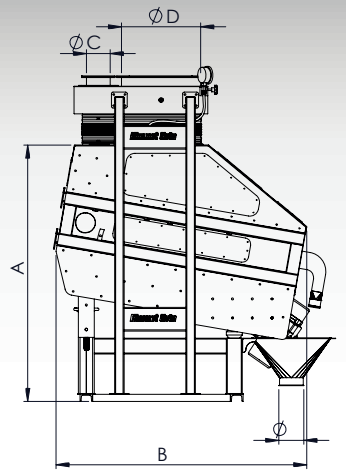
Type	A(mm)	E(mm)	D(mm)	C(mm)	Silo(t/h)	Cleaning (t/h)	Weight (kg)	Required air (m³/min)
CHRT-80	700	1755	1135	800	25	10	550	10
CHRT-100	720	1755	1135	1000	40	16	620	12
CHRT-150	720	1755	1135	1500	75	25	850	15

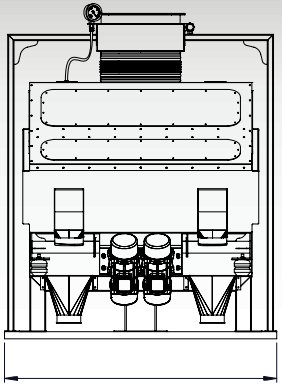
CSTA

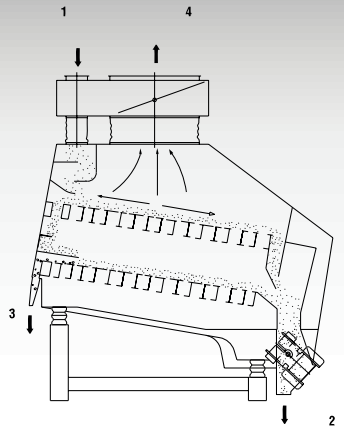
De-Stoner
Taş Ayırıcı







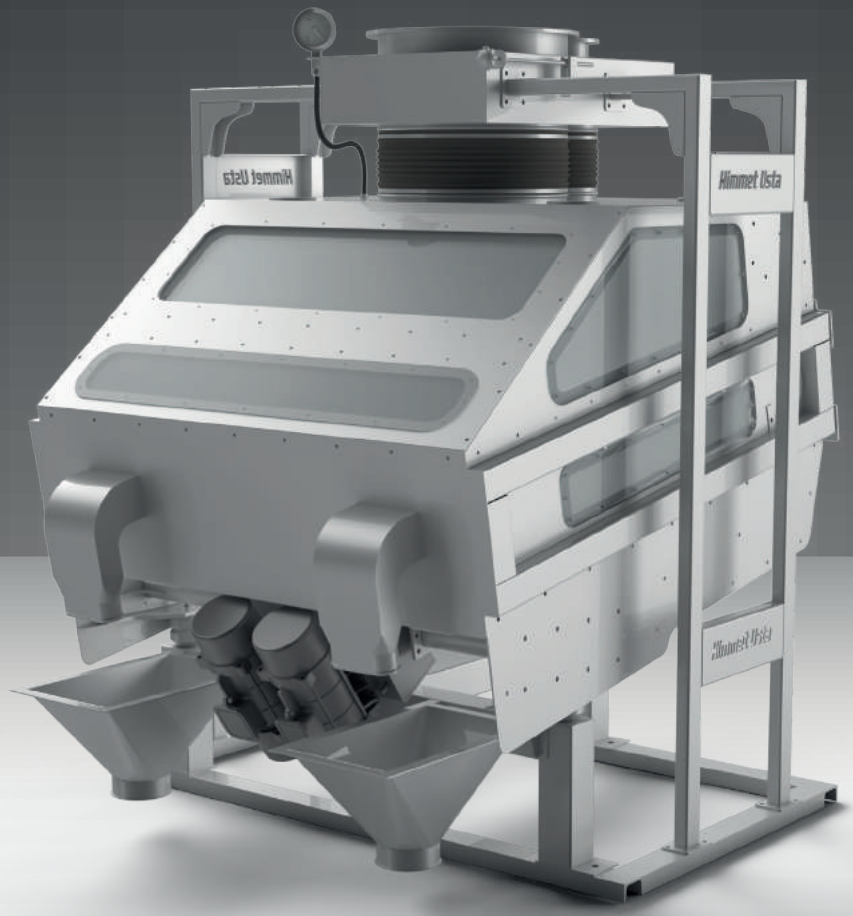




1- MATERIAL INLET
3- STDNE OUTLET
2- MATERIAL OUTLET
4- ASPIRATION CONNECTION

Type	Dimensions								Screen Size(mm)		Power	Required Air		Weight (kg)			Volume
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	mm	mm	kw	m³/min	mbar	Capacity (t/h)	Net	Gross	m³
CSTA-60	1580	1070	1430	1830	610	350	120	120	650	1200	2x0.18	90	12	6 - 10	400	525	6
CSTA-120	1580	1640	1430	1860	1200	500	140	140	1200	1200	2x0.34	120	12	10 -16	600	765	8

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It is used to separate materials with stone density in the product. By the vibration created when the product is floating on the screen, heavy materials from the product are pushed against the flow and thronw out the chamber.

- Low energy cost and high capacity efficiency
- Easy maintenance
- Long lasting and easy replaceable sieve system

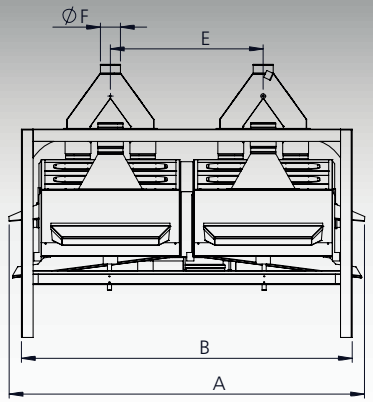
HUGS

Vibrograin Seperator
Vibro Çöp Sasörü

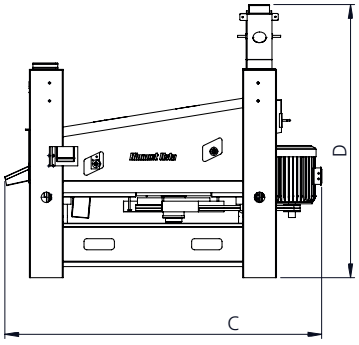


Dimensions in mm

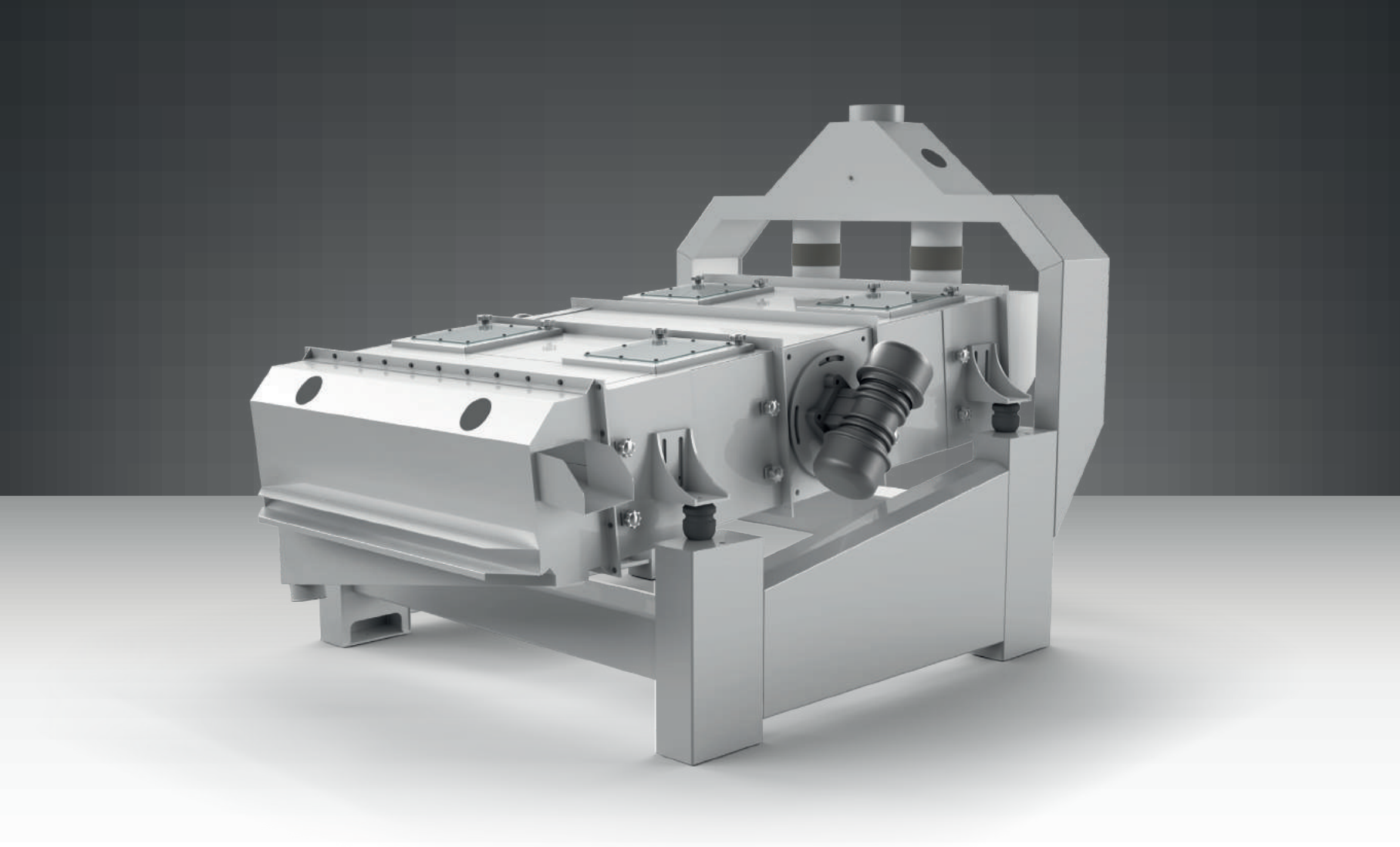
TYPE	A	B	C	D	E	F	G	H	T
HUGS 100X150	120	2470	1460	1760	1000	1500	1455	1590	3270
HUGS 100X200	140	2980	1460	1760	1000	2000	1455	1590	3770
HUGS 150X200	220	3150	1910	2360	1500	2000	1910	2010	3850



TYPE	Air Volume (m^3/min)		Screen Size (cm)		Receiver Diameter (cm)	Capacity (t/h)		Weight (kg)	
	Elevating	Cleaning	Width	Lenght	Mono Cyclone	Elevating	Cleaning	Net	Gross
HUGS 100x150	60	40	100	150	30	15	8	540	740
HUGS 100x200	80	50	100	200	35	25	12	550	800
HUGS 150x200	100	70	150	200	40	65	25	750	875



Himmet Usta

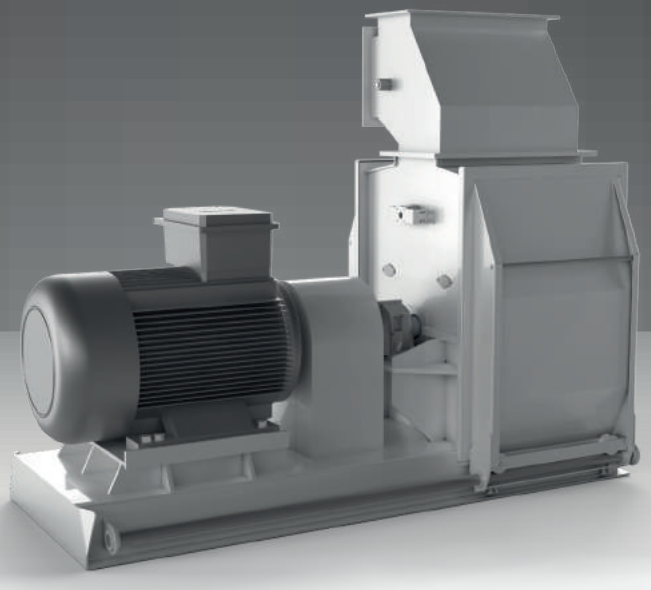


It is a machine designed for cleaning fine and coarse waste between grain grains by vibration, perforated sheet is used according to the product to be sieved.

- Low energy cost high efficiency and capacity
- Silent operation
- Low maintenance cost
- Effective recycling
- Adjustable sieve inclination

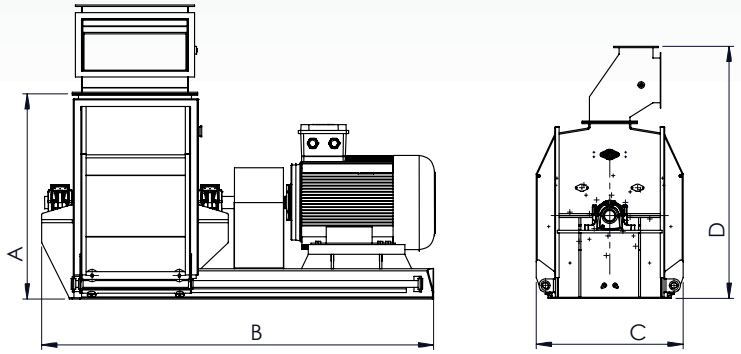
CSHM

Hammer Mill
Çekiç Değirmen



Broken wheat, straw seeds, bark, etc. Materials are grinded by the hammer mill and transferred to the exit point with the pneumatic conveying system.

- High efficiency
- Low maintenance cost
- Effective recycling

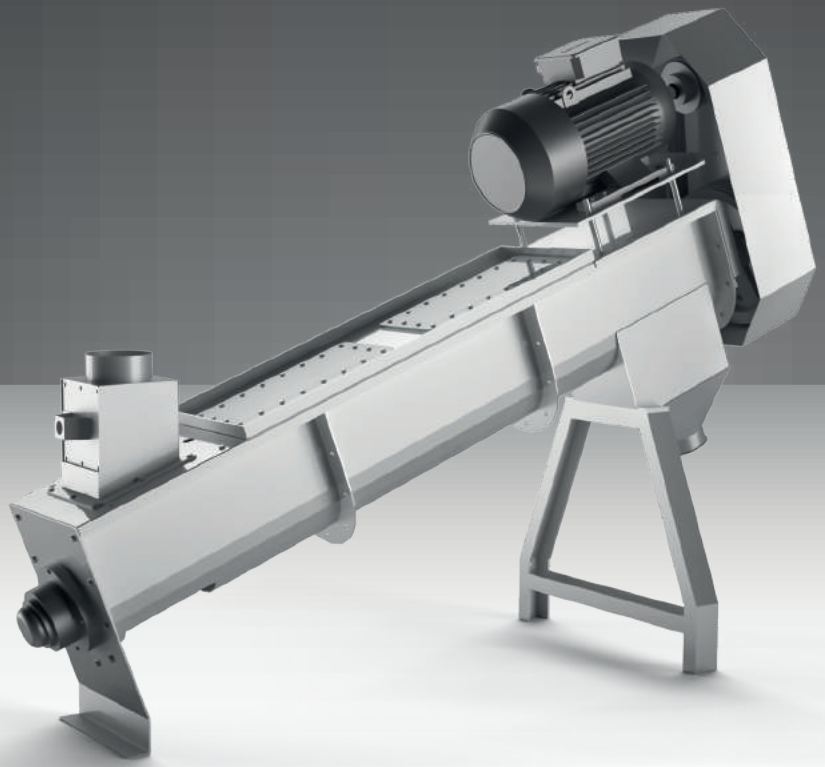


Type	Capacity(t/h)	Power (kw)	A	B	C	D	Width (mm)
CSHM-15	0,6	15	1340	2558	1118	1920	275

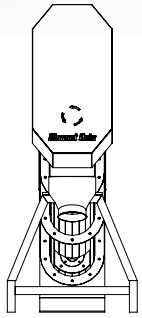
Himmet Usta

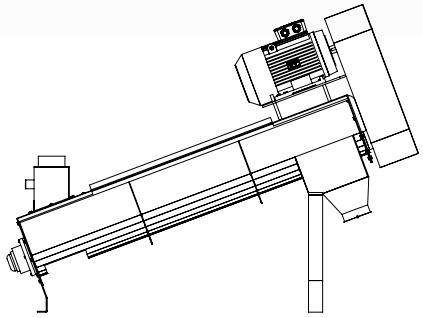
Inclined Dampener
Açılı Yoğun Tav

DBYT



Long lasting design with stainless steel and plexi glass
- High dampening ratio
- Automatic flow rate control and dampening adjustment
- High capacity
- Low cost high working efficiency

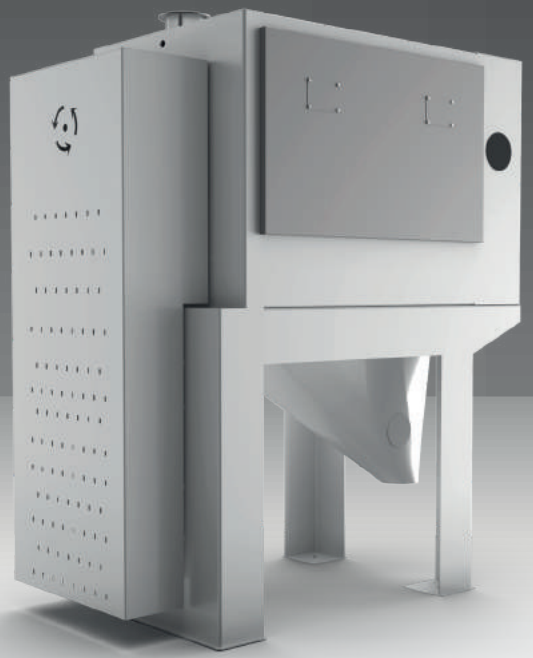




Type	Capacity(t/h)	Power(kw)	Volume(m³)	Weight (kg)
DBYT-250	12-15	11	5,2	620
DBYT-500	15-25	15	6,5	1040

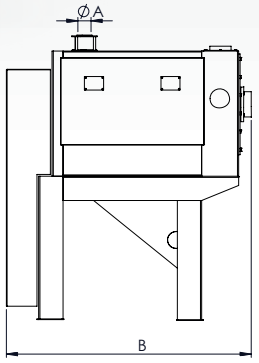
CDKS

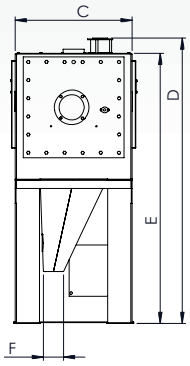
Scourer
Kabuk Soyucu



It cleans the product from dust and tassels, separates insects, hollow grains and soils. Intense friction between the cover reduces bacterial growth inside the product.

- Low energy cost high efficiency and capacity
- Moduler desing
- Easy sieve replacement
- Cleans dust, corncob and grain shells



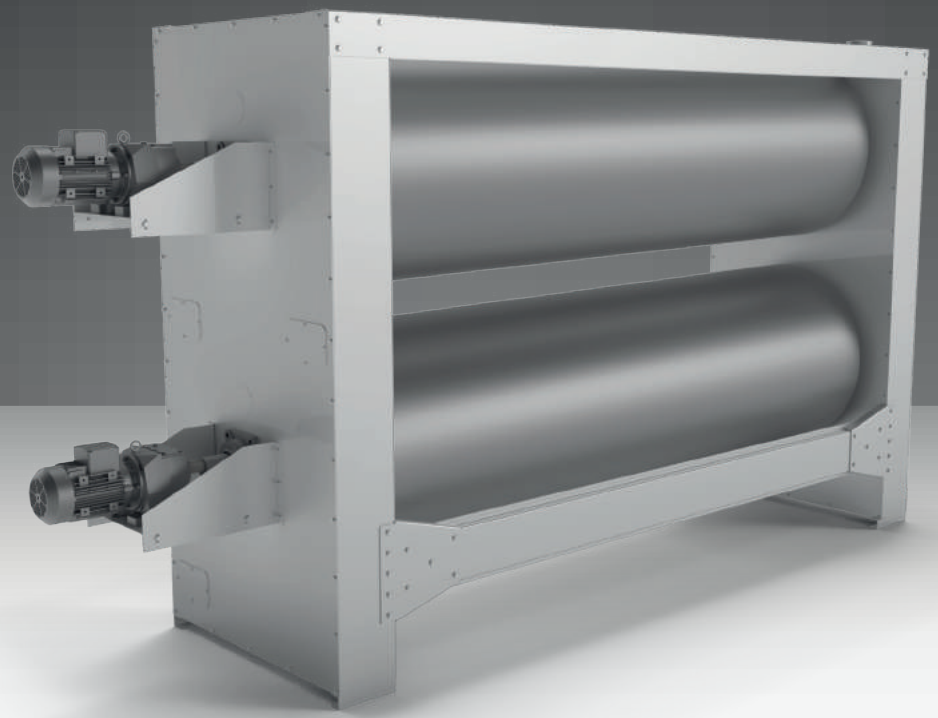


Type	Capacity (t/h)	Power (kw)	Requried Air (m^3/min)	Weight (kg)
CNKS-10	7,5	7,5	8	800
CNKS-12	8,5	11	10	900
CNKS-15	15	15	12	1200
CNKS-20	18	18,5	15	1250
CNKS-25	20	22	15	1275

Himmet Usta

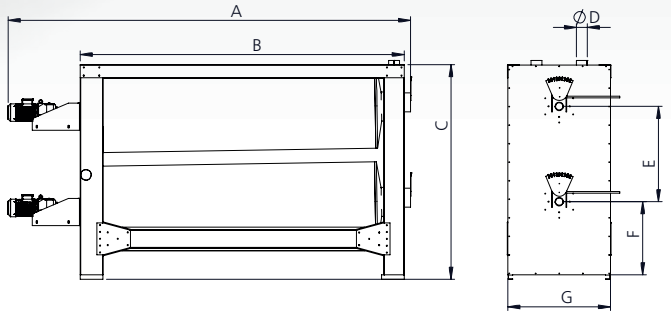
Trieur
Triyör

CSTS



It is used to separate metal particles in the product, while the product passes easily through the machine, the metal particles stay in the core, because the outer body is stainless steel.

- High efficiency
- Strong magnetization
- Easy montage
- Easy periodic cleaning
- No need for maintenance



Model	A	B	C	D	E	F	G
2x90x300	4430	3565	2365	120	1050	805	1130


Himmet Usta

VIBRATING BRAN FINISHER/VİBRO KEPEK FIRÇASI	MSVB
CONTROL PLANSIFTER / KONTROL ELEĞİ	DBSC
QUADRO PLANSIFTER / KARE ELEK	DBSP
IMPACT DETACHER **/** İRMİK KIRICI	DKMS
BRAN FINISHER / KEPEK FIRÇASI	HUKF
ROLLER MILL / TEK KATLI VALS MAKİNESİ	DVRM
DOUBLE ROLLER MILL / ÇİFT KATLI VALS MAKİNESİ	DVRM-D
INSECT DESTROYER / UN İÇİN BÖCEK ÖLDÜRÜCÜ	PSBK
DRUM DETACHER / TAMBURLU PARÇALAYICI	MSDD
SEMOLINA PURIFIER / İRMİK SASÖRÜ	DBIS
VITAMIN DOSAGE DEVICE /VİTAMİN DOZAJ MAKİNESİ	MSAI

Milling Section
Öğütme Grubu

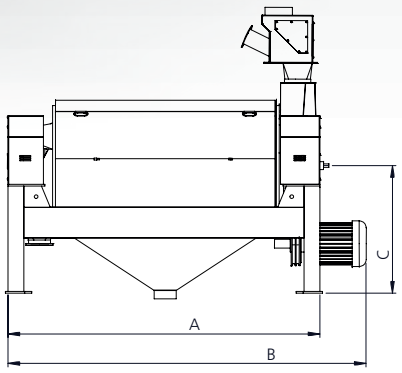
MSVB

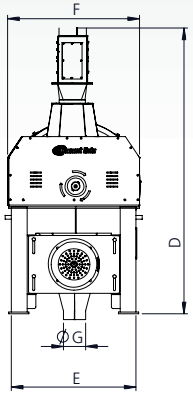
Vibrating Bran Finisher
Vibro Kepek Fırçası



It is used in the milling section to separate the wheat endosperm, which is stickier than normal, from the bran without damaging it, by reducing the farina content in the waste, high yield flour.

- Smooth operation
- High efficiency
- Low cost of maintenance



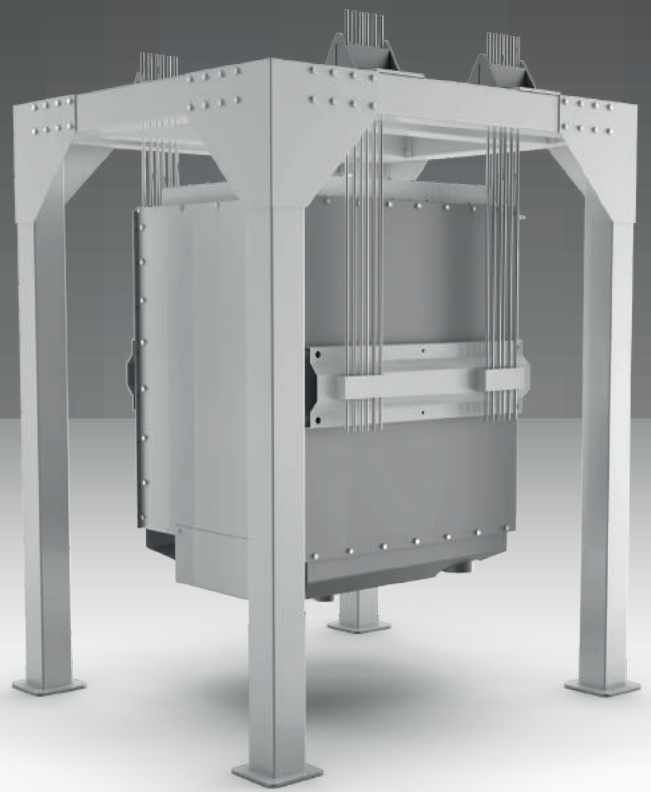


TYPE	Capacity(t/h)		Power(kw)		Dimensions									Weight(kg)
	Flour	Bran	Flour	Bran	Volume(m³)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	ØG(mm)	ØH(mm)	
MSVB	900	1600	5.5	7.5	1.8	1580	1530	720	820	1320	735	120	120	420

Himmet Usta

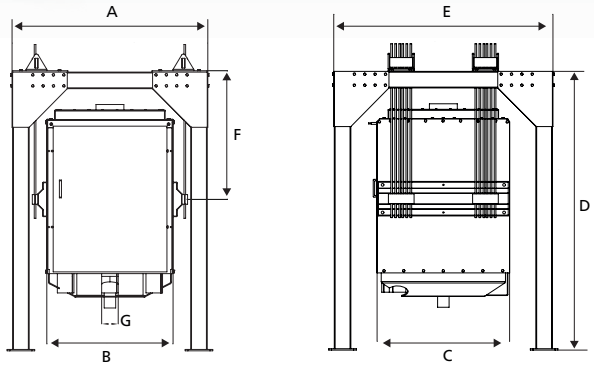
Control Plansifter
Kontrol Eleği

DBSC



It is used to control the products without going to the packaging department. The product is evenly distributed over the entire surface with an adjustable regulation gate that works with an electric motor. It is preferred in facilities with low capacity and limited space.

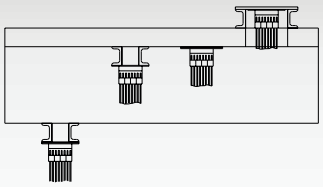
- High qualifying opportunity in limited space
- Hygienic design
- Multi-output subframe

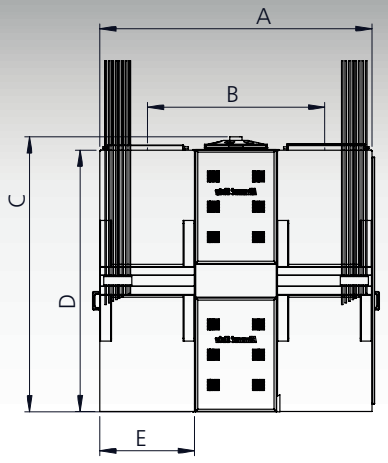


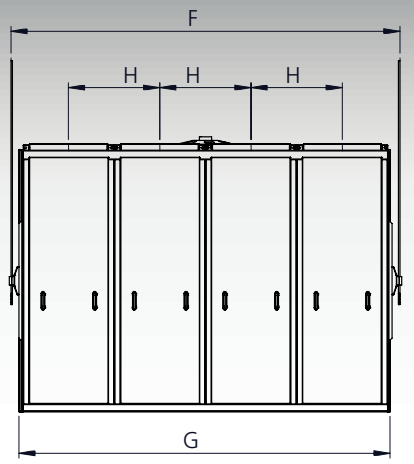
Type	Dimensions							
	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	ØG(mm)	ØH(mm)
DBCP	1420	915	960	2020	1588	920	120	120

DBSP

Quadro Plansifter
Kare Elek







TYPE	Number of Comportments	Number of Sieves	Net Sieve area(m²)	Power		Approx Weights in(kg)(without motor)			Shipping Volume(m³)
				Kw	Hp	Net	Gross	Export	
DBSP - 424	4	20 - 24	19 - 22.7	3	4	2500	3085	3375	14.0
DBSP - 428	4	24 - 28	22.7 - 26.5	3	4	2750	3370	3680	15.6
DBSP - 624	6	20 - 24	30.8 - 34.1	4	5.5	3260	3950	4290	19.0
DBSP - 628	6	24 - 28	34.1 - 39.8	4	5.5	3710	4435	4800	21.0
DSBP - 824	8	20 - 24	38.0 - 45.5	5.5	7.5	4025	4815	5205	24.0
DBSP - 828	8	24 - 28	45.5 - 53.0	5.5	7.5	4670	5500	5920	26.4

Himmet Usta

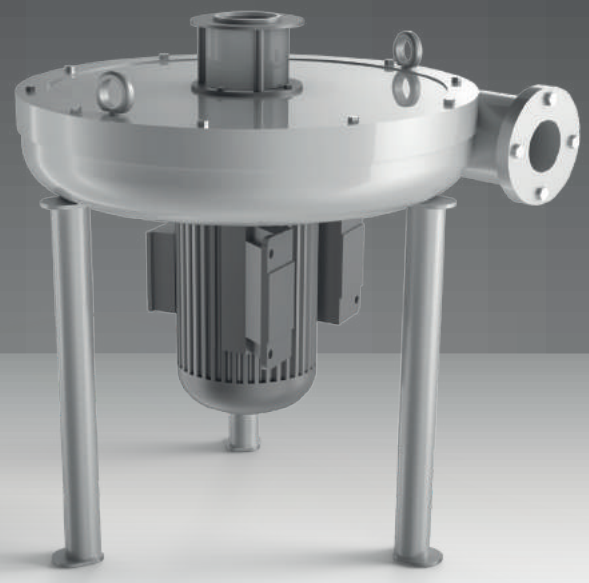


It is used for the classification of ground broken or floury products coming from product entrances, provides a wide sifting area in a narrow space. Sieve boxes made of stainless steel or aluminum are used. It is designed with precision workmanship, high stability and product life.

- Possibility of dividing horizontal or vertical passages according to the desired diagram
- Capacity efficiency can be increased by using different frame thicknesses and intermediate frames according to the desired diagram.
- Hygienic design
- Efficient screening and quiet operation suitable for vibration
- 24-28 Sieve cabinet capacity according to machine type

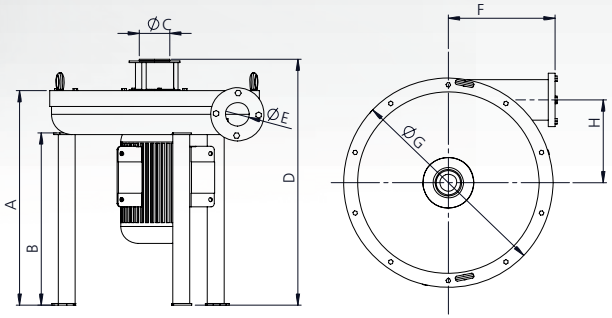
DKMS

Impact Detacher
İrmik Kırıcı



It is used for refining semolina and separating in passages. It provides flour efficiency and consumes low energy.

- Hygienic design
- High efficiency
- Low cost of maintenance



Type	DIMENSIONS in mm									Motor	Capacity	Motor Speed	Weight	Volume
	Ø A	ØB	C	D	E	F	H	ØP	Ø Rotor	kw	kg	Rpm	kg	m^3
DKMS-1	130	75	620	520	190	320	725	545	510/450	4	1	3000	130	0.7
DKMS-1.2	130	75	620	520	200	310	735	605	510/450	5.5	1.2	3000	145	0.7
DKMS-1.5	130	75	620	520	200	310	735	605	510	7.5	1.5	3000	165	0.7
DKMS-2.5	130	75	620	520	200	310	735	605	510	11	2.5	3000	180	0.7
DKMS-3.5	185	110	800	620	320	420	950	690	610	11	3.5	3000	210	1

Himmet Usta

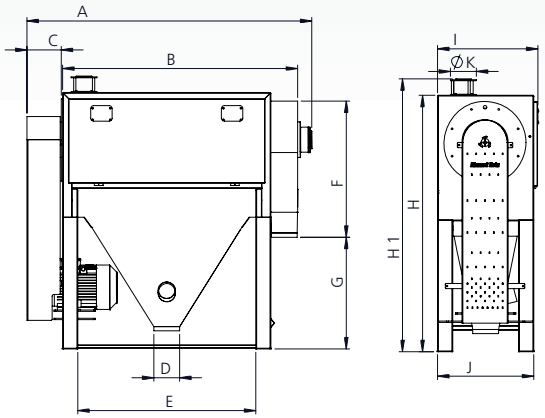
Bran Finisher
Kepek Fırçası

HUKF



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

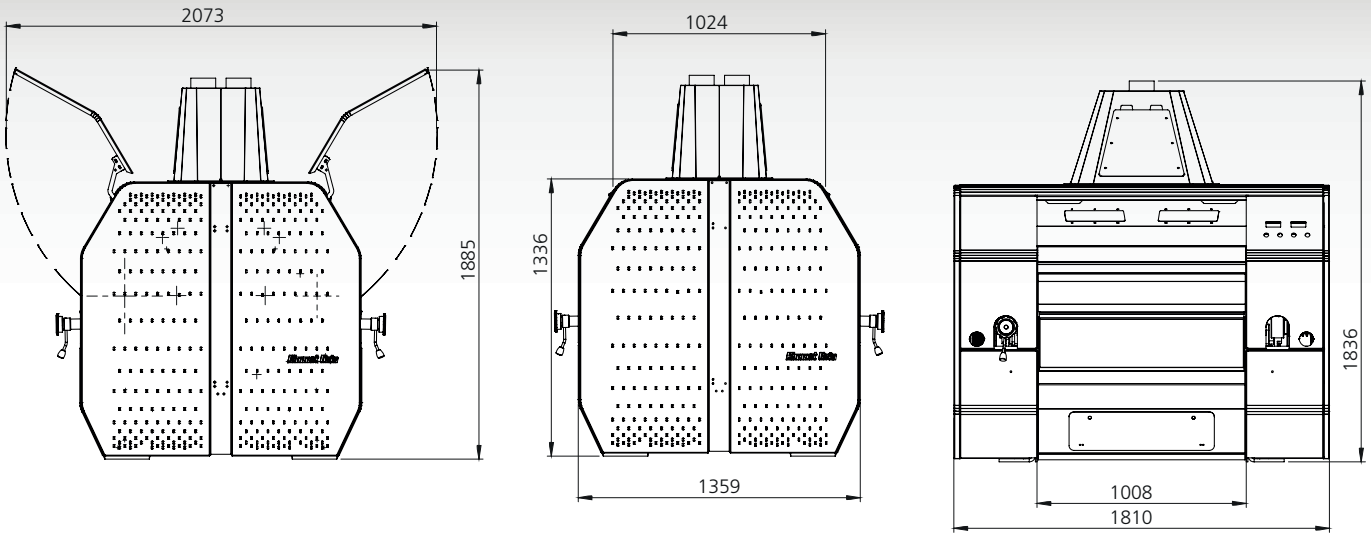
- High sanitation
- Minimum maintenance
- Maximum flexibility
- Easy cleaning sieve
- Low power requirement
- Silent operation
- High quality



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

DVRM

Roller Mill
Tek Katlı Vals Makinesi



Type	Cylinders Size(mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
DVRM-80	Ø250 x 800	1595	808	300	2698
DVRM-100	Ø250 x1000	1795	1008	500	2996
DVRM-125	Ø250 x1250	2040	1258	695	3525

Himmet Usta



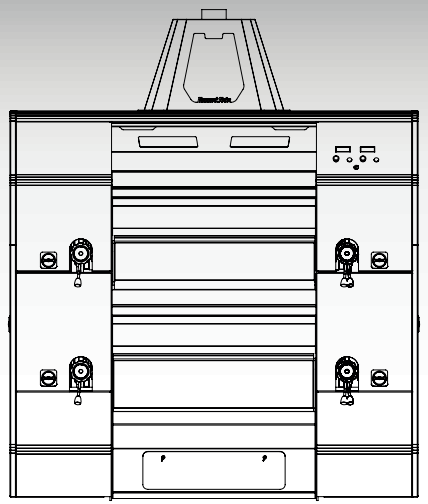
Himmet usta company's dvrm roller machine design and r&d exceeds 50 years, himmet usta pioneered and inspired the turkish milling industry with his rolling mill.

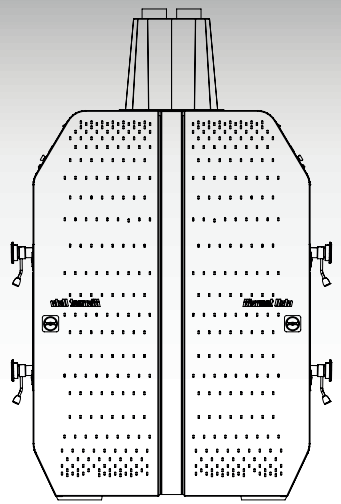
It is designed to grind grains such as wheat, corn, rye, spelt, barley and sorghum to a fine and consistent consistency without interruption. A uniform feed rate through the grinding rollers ensures a consistent grind. Pneumatic system is used to move the roller rolls closer or further apart when the grain flow to be processed is interrupted or restarted.

- Silent operation
- Low energy cost
- Low maintenance
- Production downtimes are shortened with fast and practical cylinder replacement.
- With timing belt system zero vibration and quiet operation
- Use of high quality material
- Maximum safety
- High precision
- Long life

DVRM-D

Double Roller Mill
Çift Katlı Vals Makinesi





Type	Cylinders Size(mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
DVRM-80 D	Ø250 x 800	1815	808	400	4650
DVRM-100 D	Ø250 x1000	2015	1008	500	5100
DVRM-125 D	Ø250 x1250	2265	1258	670	5680

Himmet usta company's dvrm roller machine design and r&d exceeds 50 years, himmet usta pioneered and inspired the turkish milling industry with his rolling mill.

It is designed to grind grains such as wheat, corn, rye, spelt, barley and sorghum to a fine and consistent consistency without interruption. A uniform feed rate through the grinding rollers ensures a consistent grind. Pneumatic system is used to move the roller rolls closer or further apart when the grain flow to be processed is interrupted or restarted.

Himmet Usta



- Silent operation
- Low energy cost
- Low maintenance
- Production downtimes are shortened with fast and practical cylinder replacement.
- With timing belt system zero vibration and quiet operation
- Use of high quality material
- Maximum safety
- High precision
- Long life

PSBK

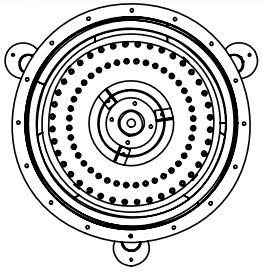
Insect Destroyer
Un İçin Böcek Öldürücü

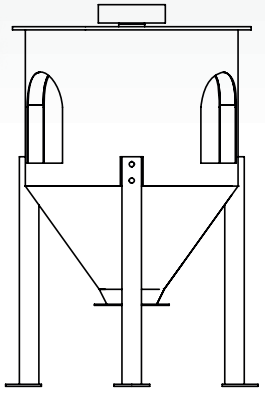


Insect Destroyer is designed to eliminate the larvae, insects and eggs in the product. The rotor inside the machine rotates at high speed; made of cast iron.

It has an ergonomic design and can be produced horizontally or vertically.

- Maximum hygiene
- High precision
- Low energy cost
- Low periodic maintenance need

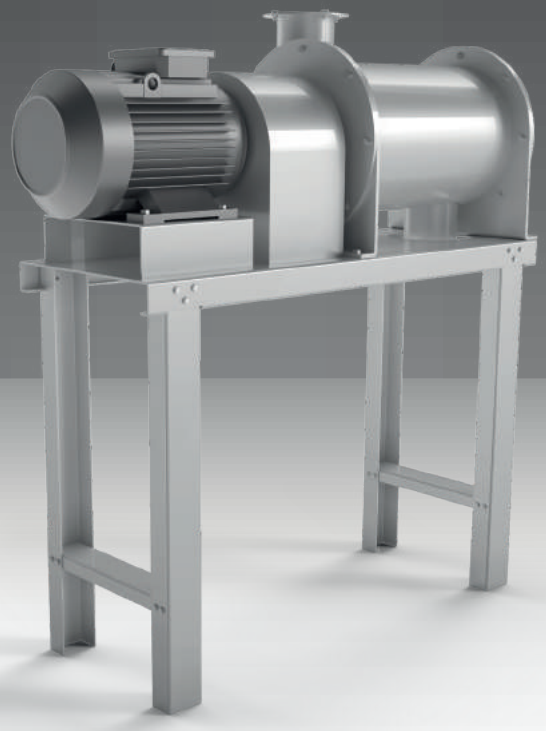


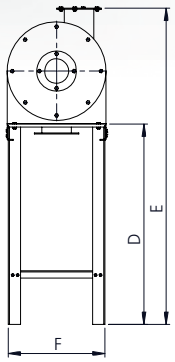


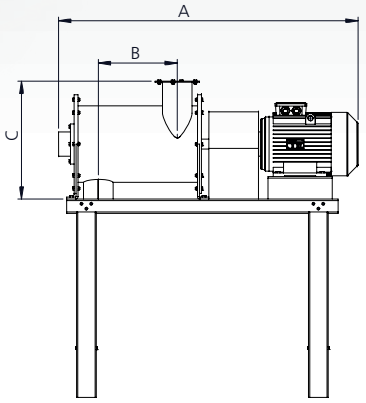
Himmet Usta

Drum Detacher
Tamburlu Parçalayıcı

MSDD







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

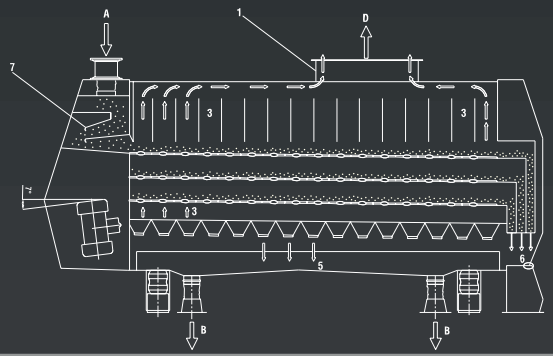
- High efficiency
- High capacity
- Compact design
- Low operation costs

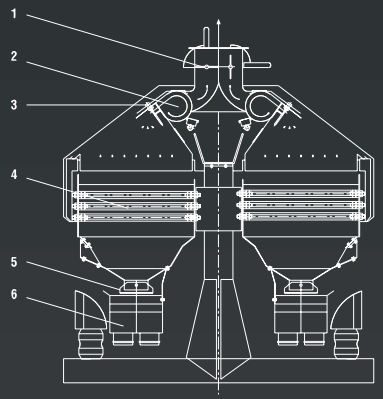
Type	Capacity (kg/h)	Power (kw)
MSDD-15	1500	2.3
MSDD-20	2000	3.0
MSDD-25	2500	4.0

Type	A	B	C	D	E	F
MSDD	1215	320	480	810	1280	390

DBIS

Semolina Purifier
İrmik Sasörü

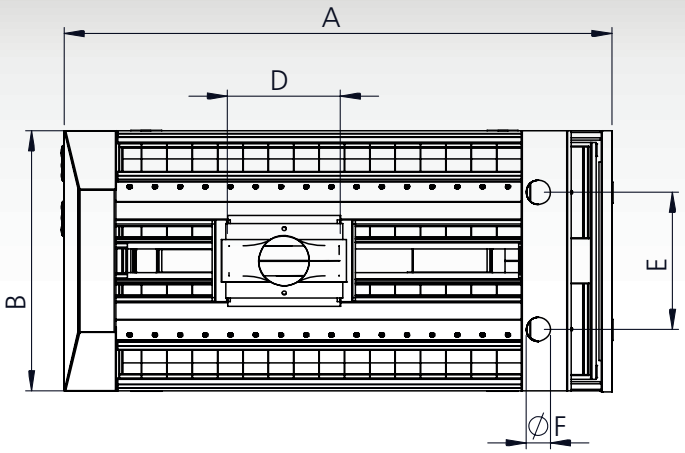


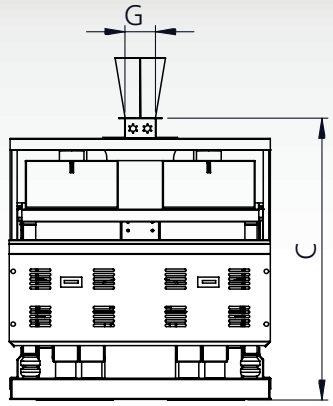


WORKING PRINCIPLE

1 : THROTTLE VALVE
2 : TURBULENT CELL
3 : AIR VALVE ADJUSTMENT
4 : SREVES
5 : DIRECTION PART OF FINE PRODUCT
6 : FINE PRODUCTS COLLECTING
7 : FEEDING GROUP

A - INLET
B - PRODUCT OUTLET
C - OVER TAILS
D - EXHAUST





Model	A	B	C	D	E	F	G
H U	2715	1290	1400	560	680	120	150

Himmet Usta

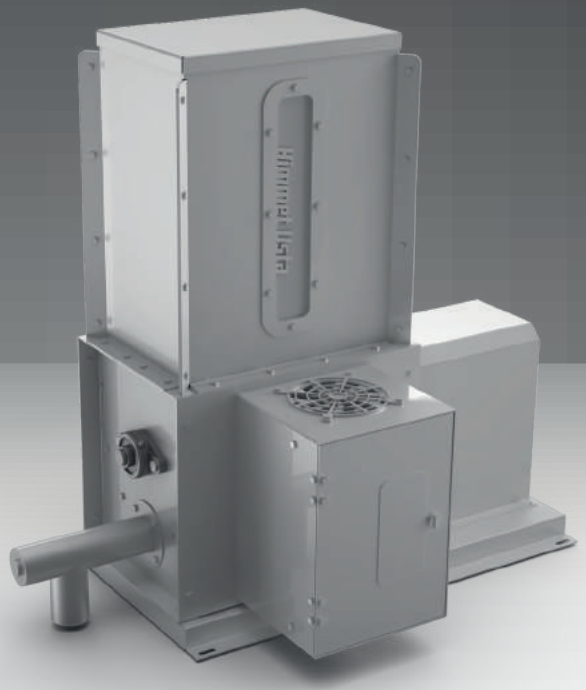


DBIS is used in flour and semolina plants to purify semolina and eliminate waste material in product. Two or three layers of tolero screen can be used for sifting.

- Sensetive air flow adjustment
- Easy cleaning
- Adjustible aliminium screen
- Silent operation
- High sanitation
- Efficient semolina extraction
- Long life

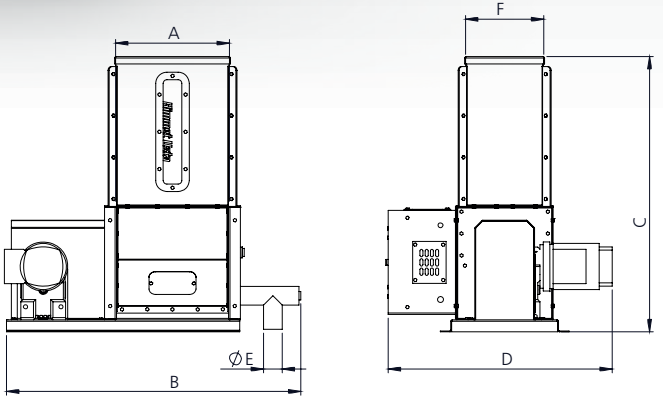
MSAI

Vitamin Dosage Device
Vitamin Dozaj Makinesi



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

- Speed adjustment system
- Trua additive ratio
- Long life
- Minimum maintenance



Model	A	B	C	D	E	F
MSAI	305	790	740	600	50	210

Himmet Usta


Himmet Usta

PACKAGING MACHINE / PAKETLEME MAKİNASI PSMP

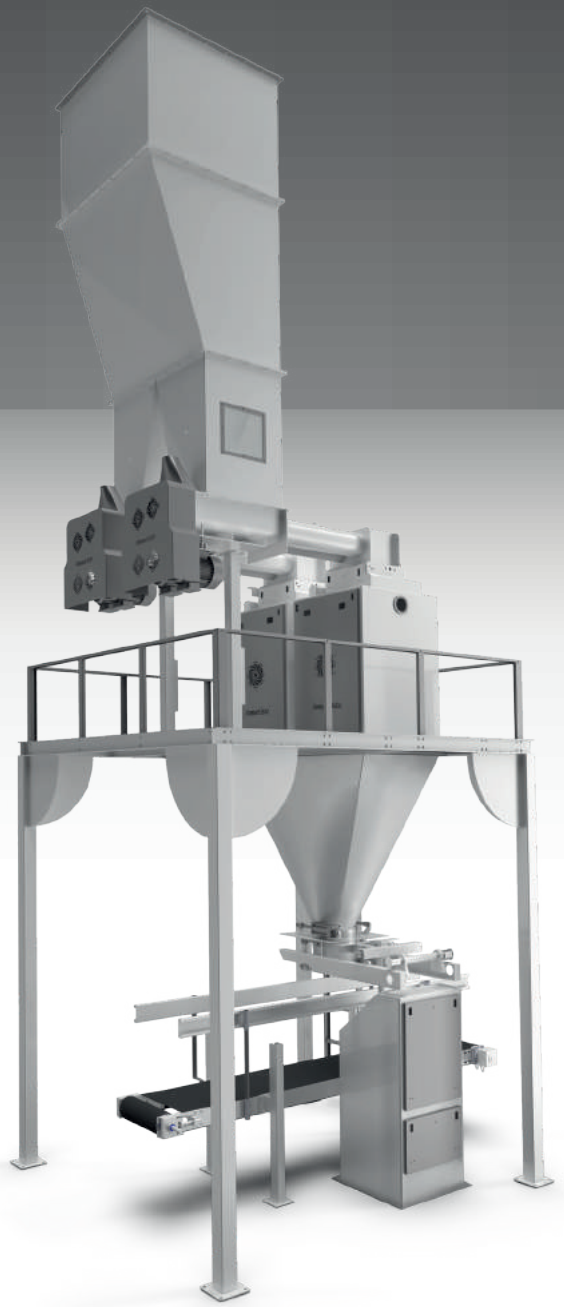
FLOUR DISTRUBUTOR / UN DAĞITICI PSDD

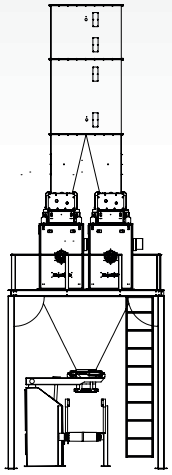
EXTRACTION RATE SCALE / RANDIMAN KANTARI PSMP

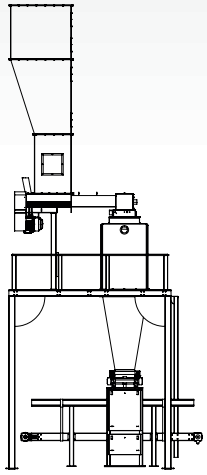
Scale & Packaging Section
Tartma ve Paketleme Grubu

PSMP

Packaging Machine
Paketleme Makinası







It is used to pack processed products in granular form in high capacity polypropylene bags.

- High efficiency
- High extraction
- Low energy cost

Himmet Usta

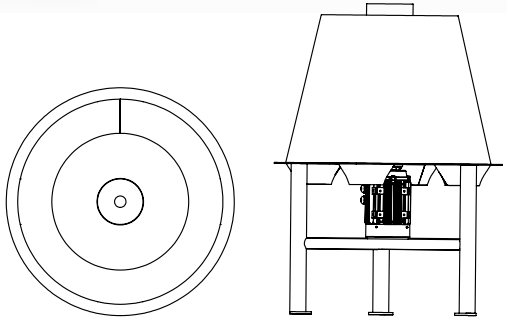
Flour Distrubutor
Un Dağıtıcı

PSDD



Flour distrubutor transfers finished product from milling section to con-trol sifter. The device produces according to fit sifter passages.

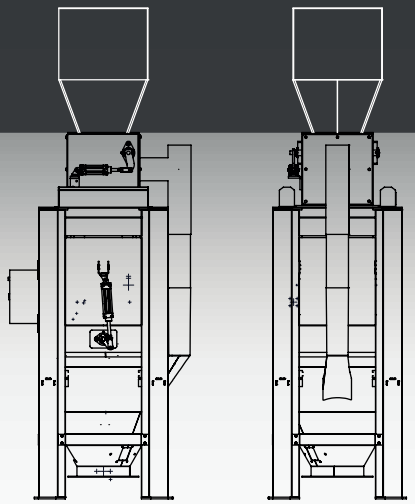
- Long life
- Minimum mainterance
- Low operating costs
- High extraction rate



TYPE	Power (kw)	Speed (rpm)	Pipe Diameter (mm)
PSDD4	0,55	60	200

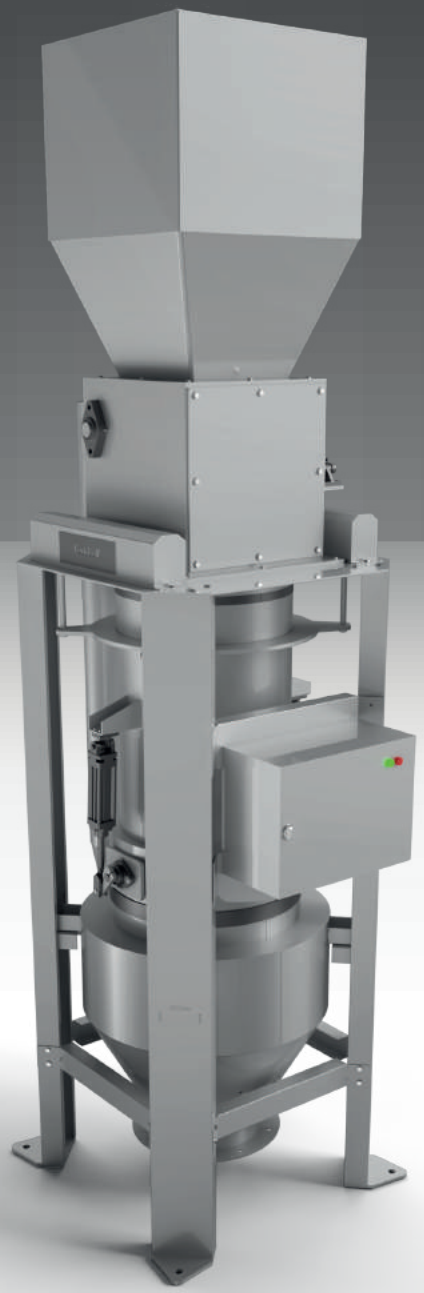
PSMP

Extraction Rate Scale
Randıman Kantarı



Type	Material	Capacity (lt)	Capacity (t/h)			Ventilation (m³)	Required Air (m/bar)	Weight (kg)
			Wheat	Flour	Bran			
SSRK-50	Wheat-Flour - Bran	50	10-12	6-10	4-6	8	5-6	350
SSRK-90	Wheat-Flour - Bran	90	15-25	10-15	7-10	10	5-6	450
SSRK-220	Wheat-Flour - Bran	220	20-75	15-30	10-20	12	5-6	525
SSRK-320	Wheat	320	60-100	-	-	16	5-6	675
SSRK-700	Wheat	700	100-180	-	-	20	5-6	720
SSRK-1400	Wheat	1400	150-300	-	-	28	5-6	810

Himmet Usta



It is manufactured to measure the transit rate and weight of the product to monitor flowing granular materials.

*Plc control system

*Operation without dust

*Sensitive weighing

*Otomatic level control

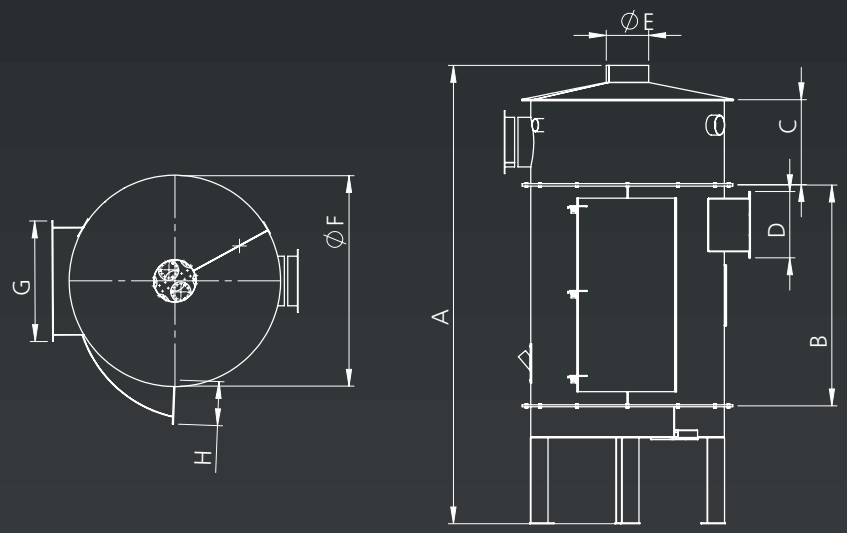

Himmet Usta

JET FILTER /JET FİLTRE	CHSF
AIR LOCK / HAVA KİLİDİ	TPAS
ELEVATOR / ELEVATÖR	TBKE
MONO CYCLONE / MONO SİKLON	CSMC
LOW PRESSURE FAN / ASPİRATÖR	TSLP
SCREW CONVEYOR / VİDALI HELEZON	TBSC
SLIDING GATE / HELEZON SÜRGÜSÜ	TSLP
BIN DISCHARGER / SİLO BOŞALTICI	TBMD

Handling Section
Taşıma Grubu

CHSF

Jet Filter
Jet Filtre



Mode Number of Bags		CHSF-10			CHSF-18			CHSF-26			CHSF-39			CHSF-52			CHSF-78			CHSF-104		
Bag Lenght		1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400	1200	1800	2400
Filteration Area (m²)		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		
		ø350			ø400			ø450			ø550			ø550			ø600			ø700		
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 (m³)		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

Himmet Usta

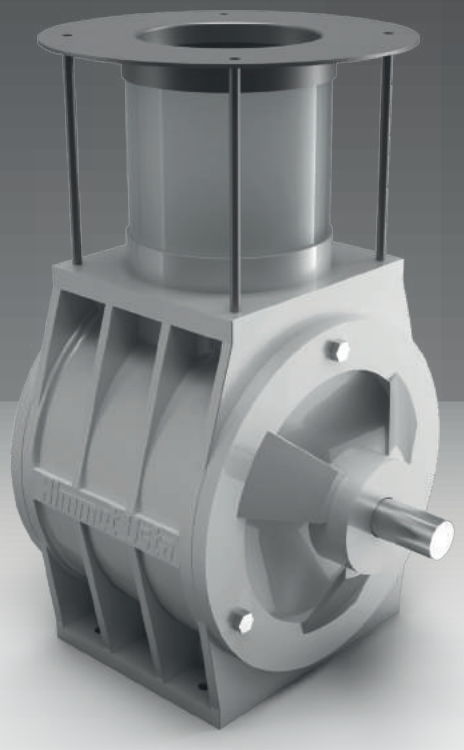


It is used to discharge the dust accumulated in the bag fibers to the bottom of the filter body by blowing, to convey it to the waste line and to separate this dust from other particles again. It is suitable for separating before throwing it out with the scraper at the bottom. Electronic control system is available. It can be used in vacuum and pressure system.

- Output, discharge unit, bottom scraper type can be selected depending on the place of use
- High cleaning rate with cleaned air
- The purge air consumption is calculated using the formula: 30-40 nlt (newton liter) x (bag) x (blow)
- High bag quality
- Effective working

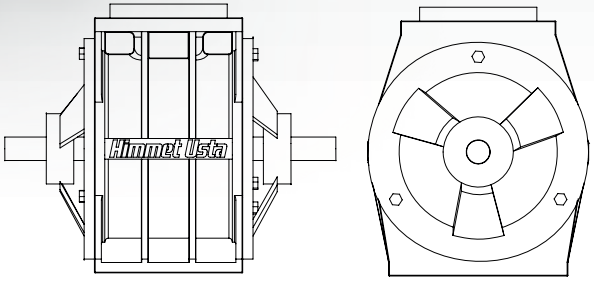
TPAS

Air Lock
Hava Kilidi



It is used to separate the air of the product discharged from the cyclone separator to the pneumatic systems. It is placed under cyclone separators and air filters. It works under negative pressure against leakage and airtight.

- High quaility compenent
- Minimum periodic maintenance need
- High efficiency



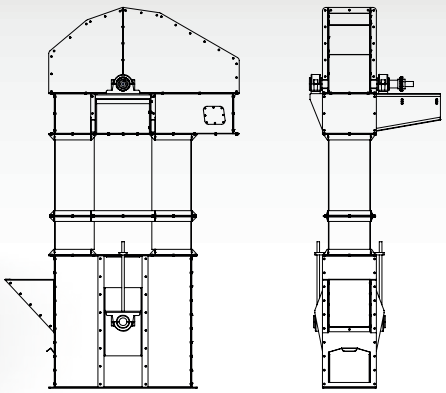
Type	Capacity(dm³/rpm)	Rotor Speed (rpm)	Capacity (t/h)
TPAS-220	5.2	61	5,5
TPAS-270	6.1	61	9,8

Himmet Usta

Elevator
Elevatör

TBKE





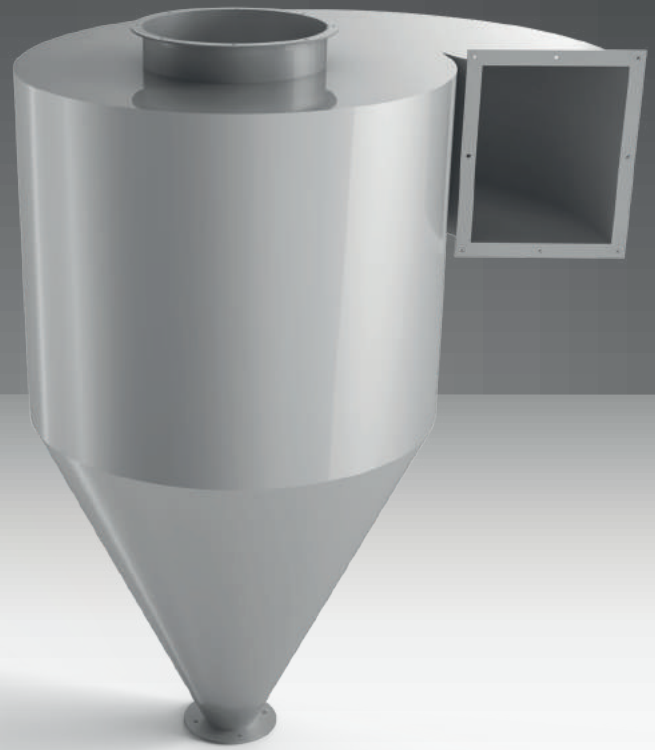
It is produced for vertical transport of products, its capacity can be changed according to the inner bucket dimensions.

- High quaility compenent
- Different bucket sizes
- High efficiency buckets
- Weldless bolt production

	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

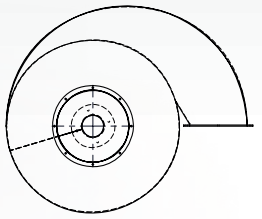
CSMC

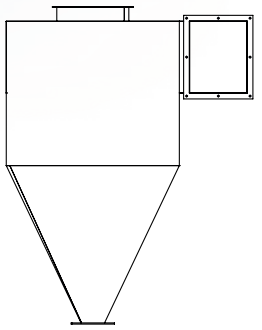
Mono Cyclone
Mono Siklon



It is used in high-pressure transportation and is used for the evacuation of dust. It separates the foreign materials entering it from the product due to its structure.

- High efficiency
- High quality
- Quiet operation

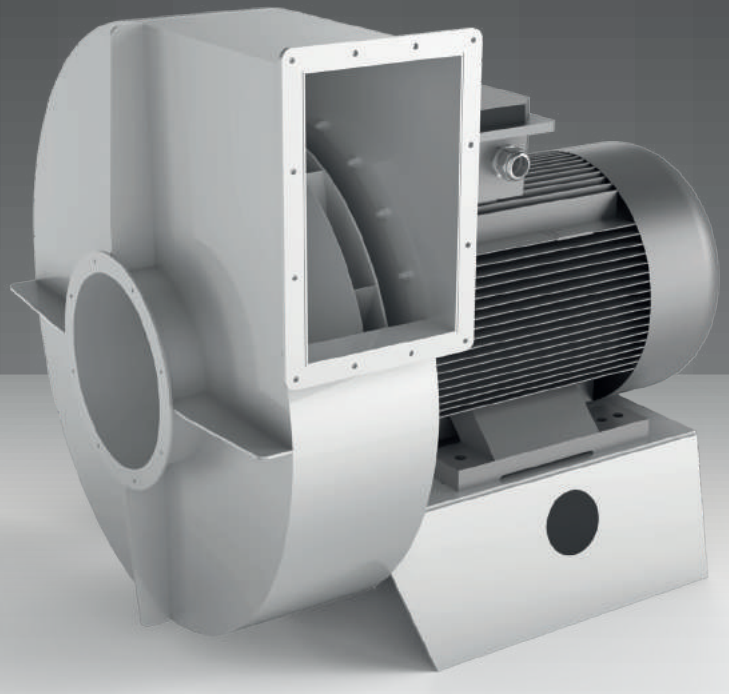




Himmet Usta

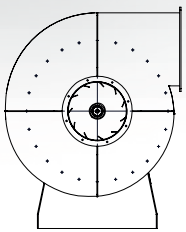
Low Pressure Fan
Aspiratör

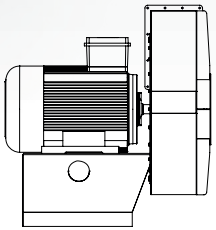
TSLP

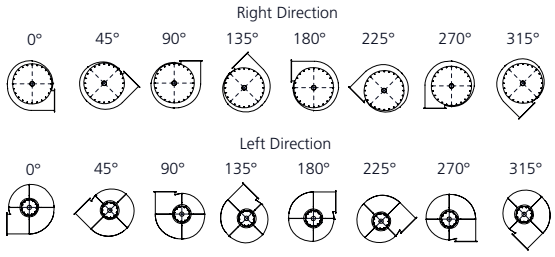


The aspirator, which is determined according to the air flow rate of the system, is used to transport the granule and grinded product. Air flow is generated by the fan rotor inside the machine.

- High efficiency
- High extraction
- Low energy cost
- Quiet operation
- Safe operation



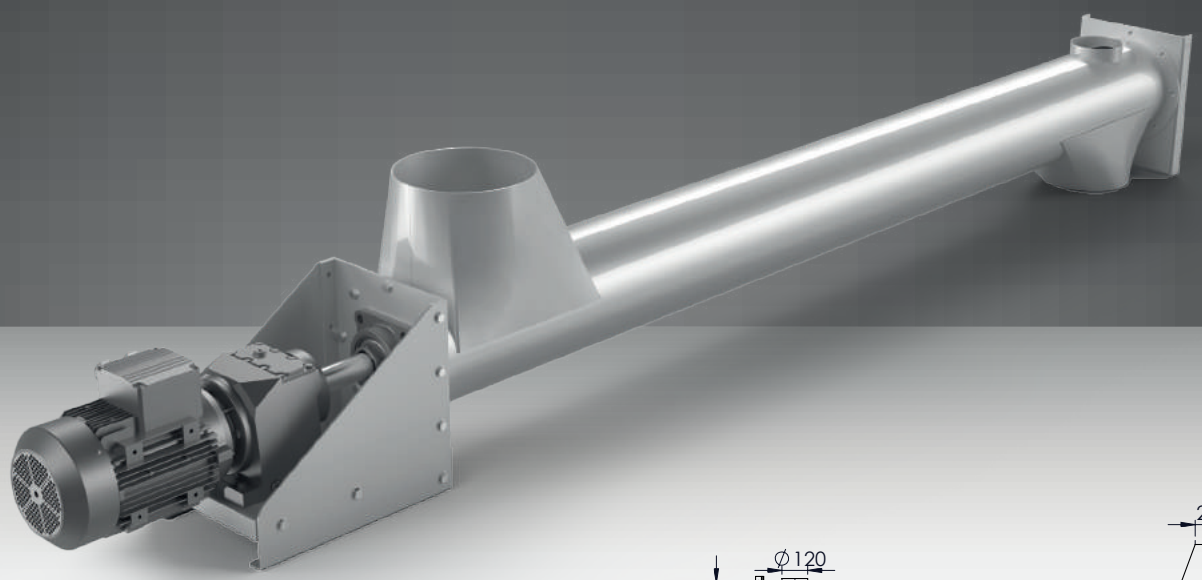


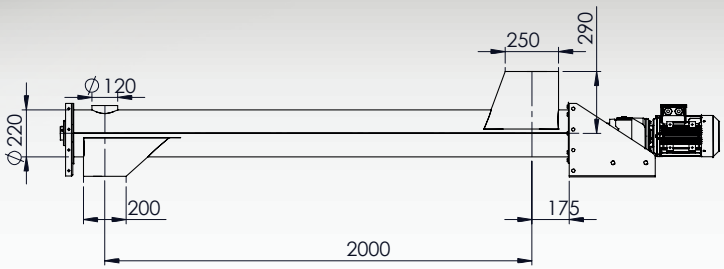


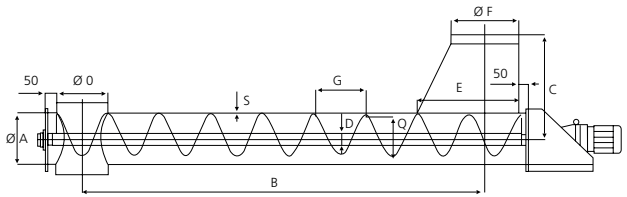
Type	Air Vacuum		Power	
	m³/h	mmWS	kw	rpm
TSLP-5,5	4500	290	5,5	1450
TSLP-7,5	6500	245	7,5	1450
TSLP-11	12000	240	11	1450
TSLP-15	14500	250	15	1450
TSLP-18,5	15600	280	18,5	1450
TSLP-22	16800	340	22	1450
TSLP-30	22000	280	30	1450

TBSC

Screw conveyor
Vidalı Helezon







It is used to convey granular and ground products horizontally in collecting, dispersing, mixing and tempering processes.

- Optimum hygiene
- Smooth clean work
- Stainless or galvanised body
- Weldless bolt production

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

Himmet Usta

Sliding Gate
Helezon Sürgüsü

TSLP

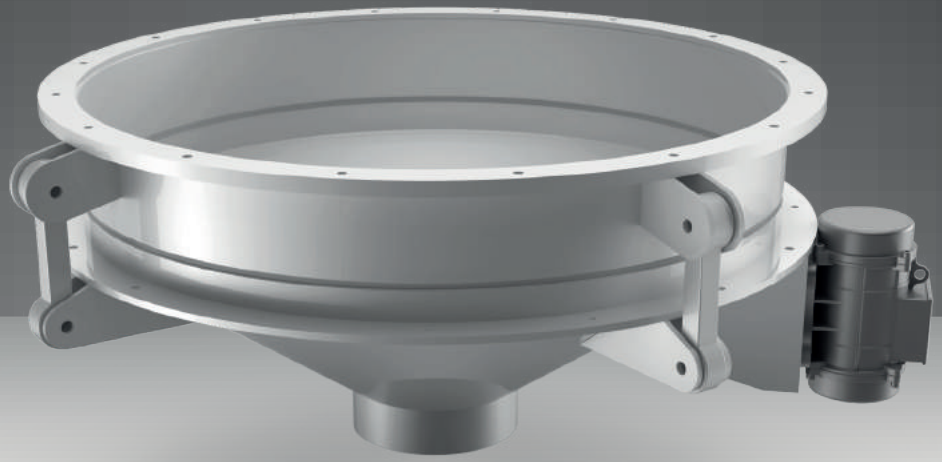


Sliding gate is used to discharge or interrupt the flow of material in machanical conveying lines to meet any requiered station.

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

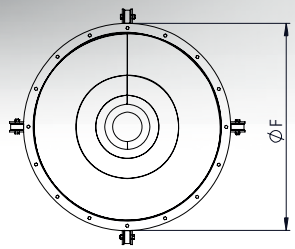
TBMD

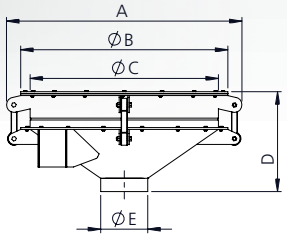
Bin Discharger
Silo Boşaltıcı



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





Type	A	B	C	D	E	F
Ø50	690	600	500	520	150	600
Ø60	770	700	600	420	150	700
Ø80	1050	900	800	520	160	900
Ø85	1100	950	850	520	160	950
Ø100	1250	1100	1000	530	250	1100
Ø120	1450	1300	1200	530	250	1300
Ø160	1910	1720	1600	620	500	1720

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