



LEGUMES
PRODUCTION LINE

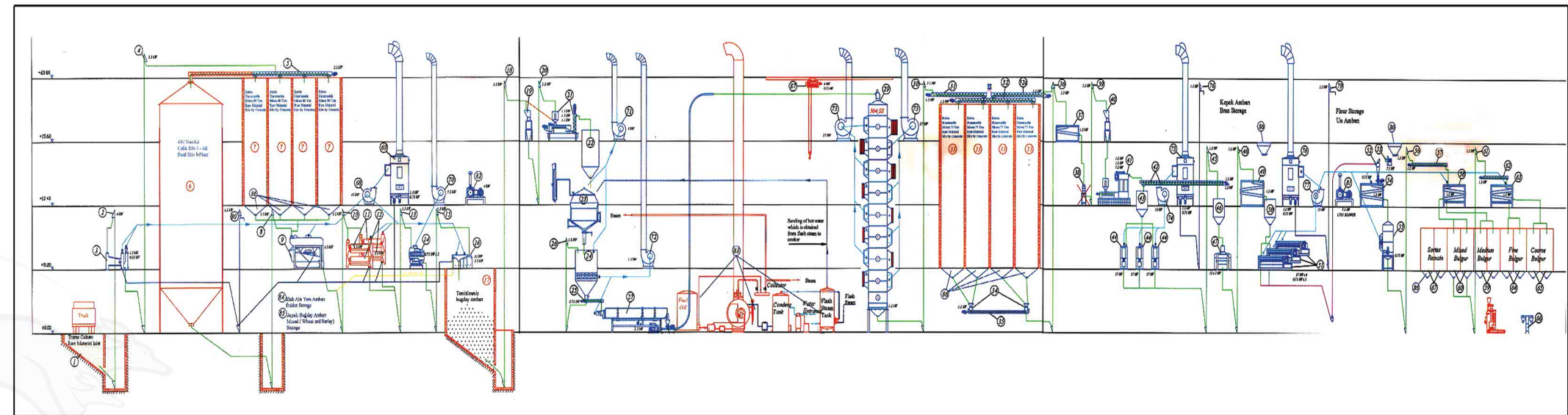
Add : Göztepe Mh. Batışehir Cd,Batışehir Sitesi k3
Blok No. : 61, Bağcılar/ İstanbul,Türkiye

Tel : +90 212 491 00 46 - Fax : +90 212 491 00 42
GSM: +90 532 588 41 00 | +90 537 368 28 28
mail: info@gps-ascom.com
Web: www.gps-ascom.com

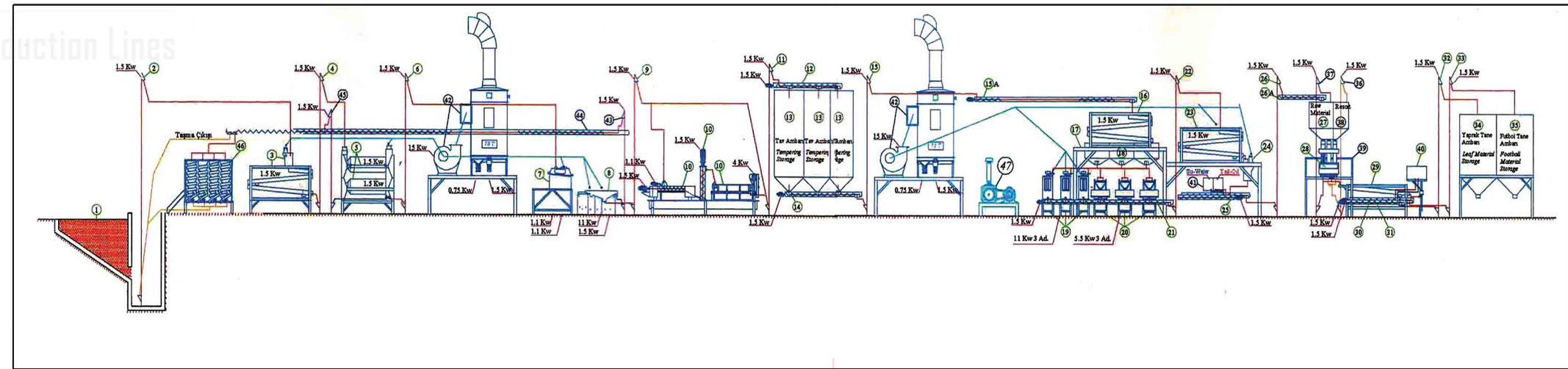




Bulgur



Lentils





ASCOM MAKINA SAN. Tic. Ltd. Sti

Manufacturing Production Line

- ▶ Legumes
- ▶ Bulgur
- ▶ Lentils

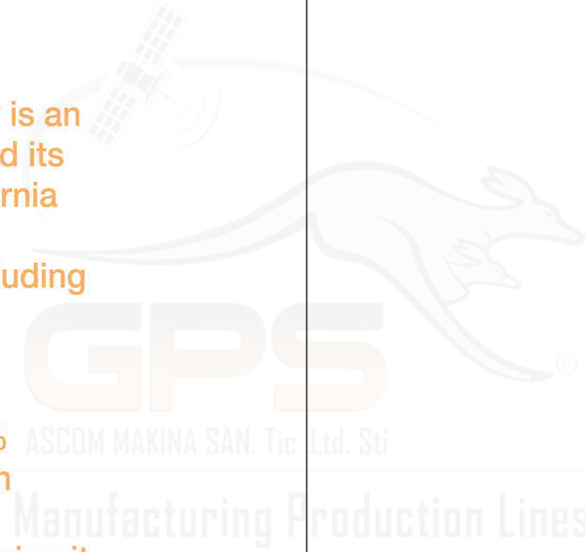


GPS-ASCOM

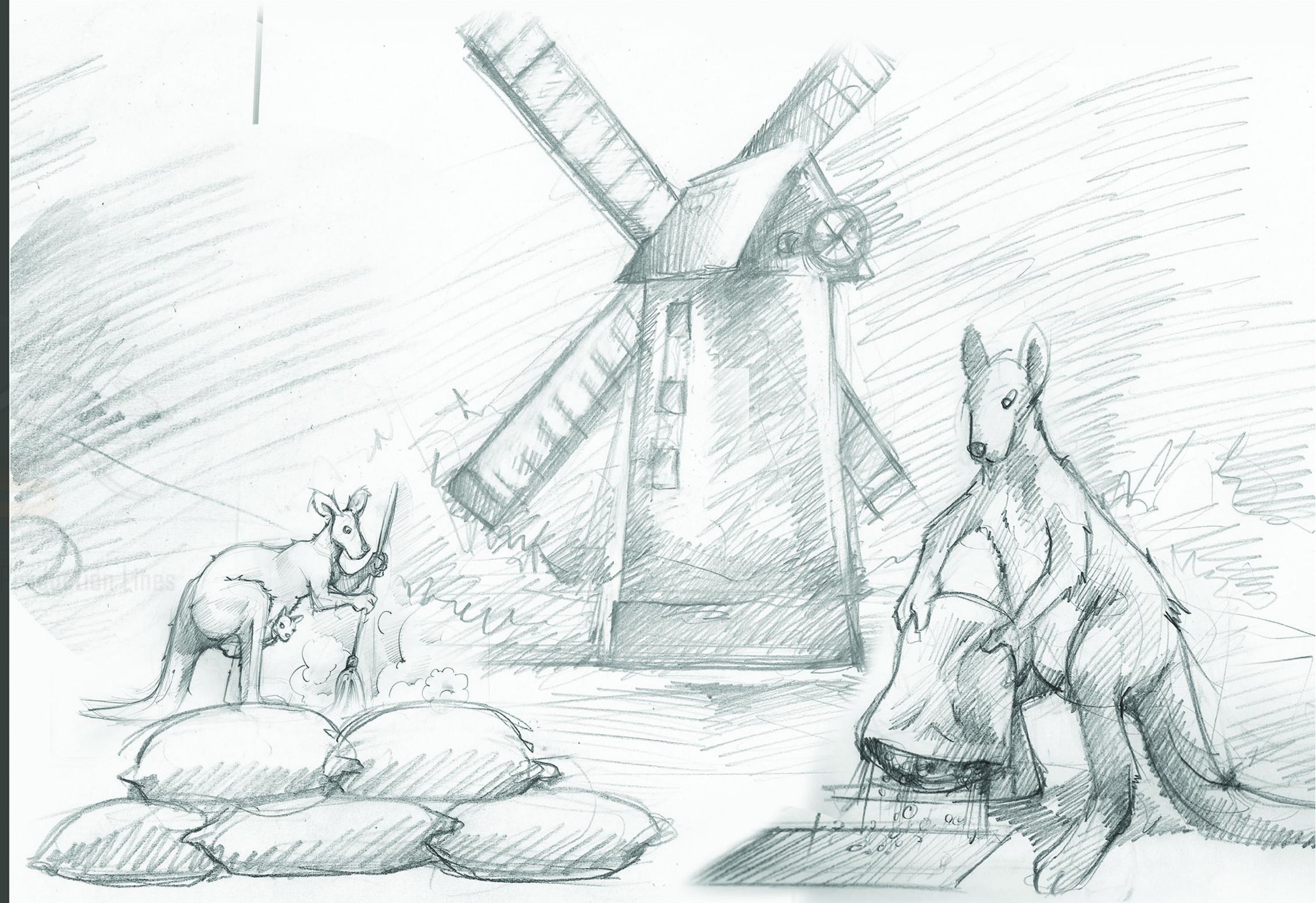


GPS as-com Company is an American Company and its Head Office is in California Works in the Fields of Industry and Trade Including Food and Engineering Sector.

In 2009 it Bought 25% Shares of Some Turkish Factories to Produce Machines Which Allowing it the Opportunity to Manage the Sales of These Factories All Over the World.



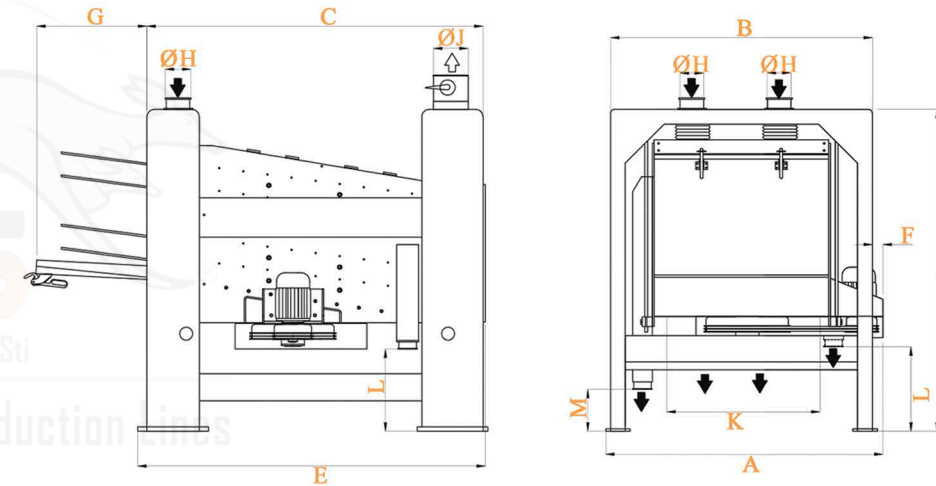
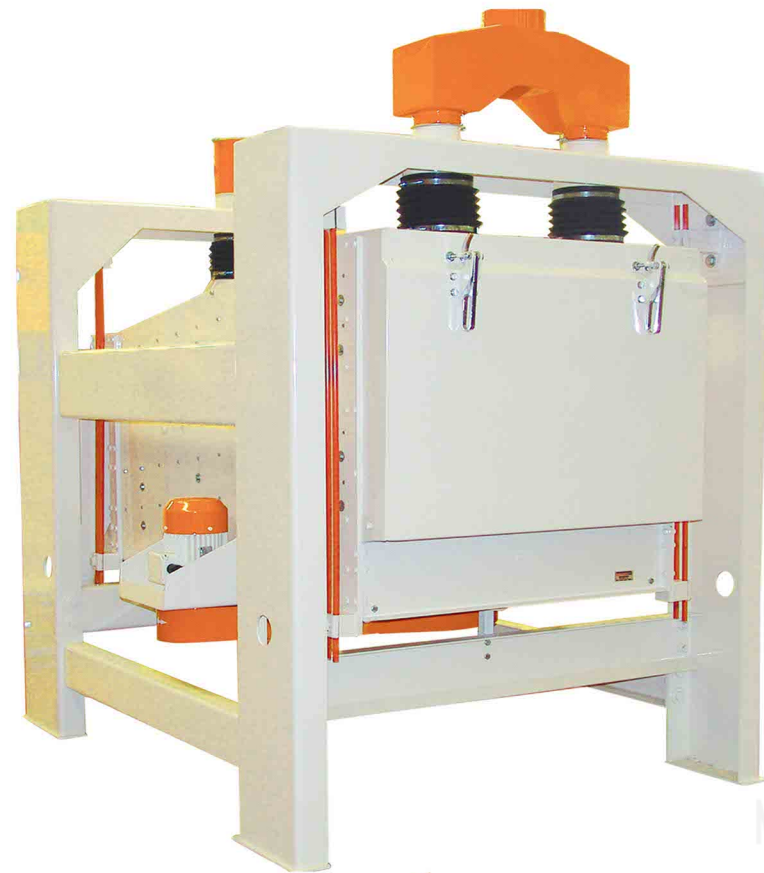
1-Cleaning and Sifting Section



3 ► SEPARATOR GEDX

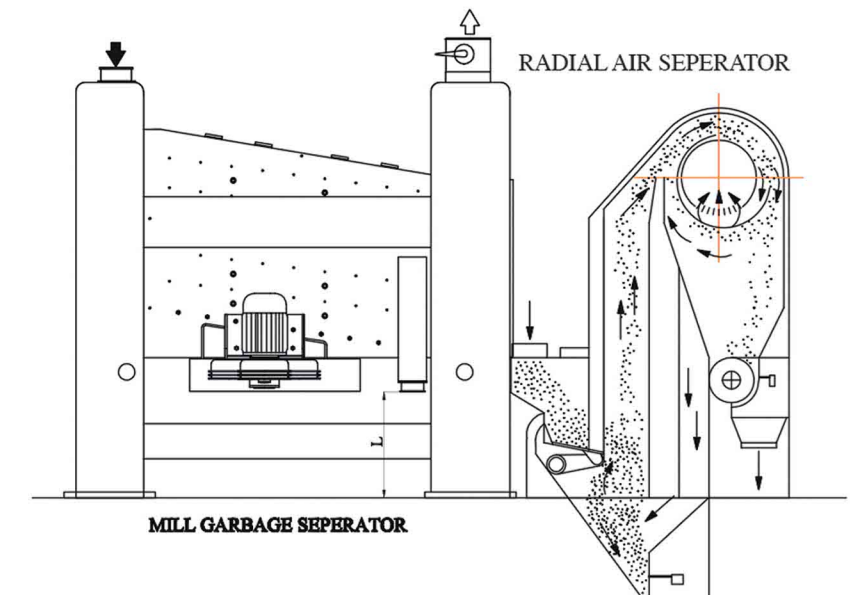
Separator for mill and silo used for separating straw , garbage , spikes and unwanted strange particles from the cereals in post and mill parts. Different models are available as to the capacities of factories.

It moves by eccentric system and used two holes sheets on filter and it provides very effective eliminating and separating process. Machine dimensions are very small with respect to its capacity. Two folded tambour are suspended at four corners of metallic elastic rods on the chassis, which is made of steel sheets. Motor is assembled on the tambour and it gives movement to the special system balanced with flywheel circular by the help of V- Belt , thus machine to work. It keeps the particles bigger than wheat over filter then thrown away by the slide way. Wheat falls down through the over filter to bottom filter ; and strange particles are filtered out of wheat. Filter can be easily compressible by the help of four side of the tambour with special fixing system at the same time easily removable. Filters are made of two parts on each floor and where removed there isn't any problem for place. There are rubber balls which cleans interior of the filter. If more cleaning air is required, extra air canal can be connected to exit part of the machine. Air Canal spreads the product that comes to riddle separated from light particles by setting with current air speed.



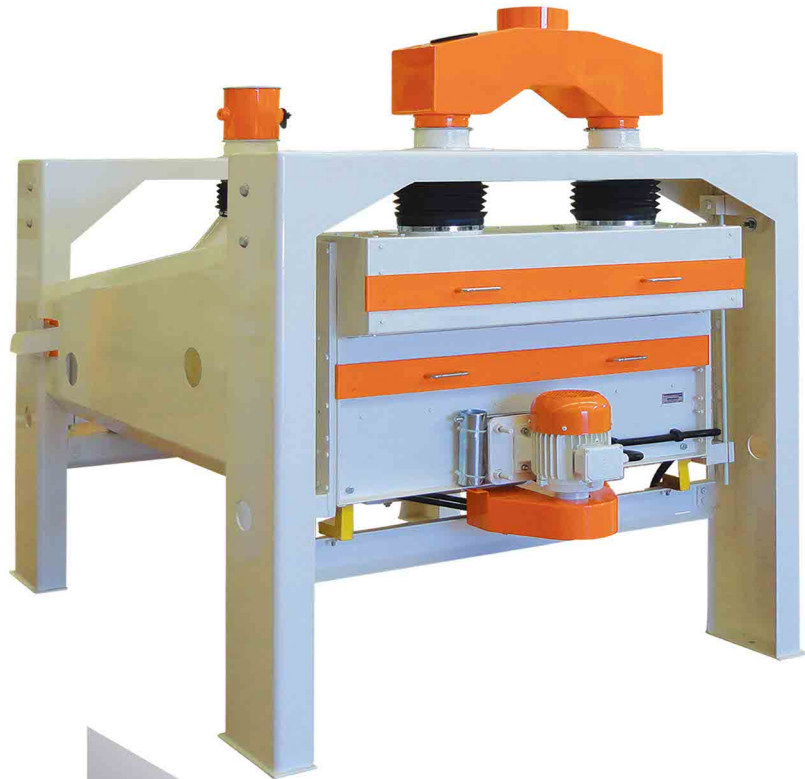
TYPE	DIMENSIONS (mm)											
GEDX	A	B	C	D	E	F	G	ØH	ØJ	K	L	M
15100	1580	1500	1925	1845	1970	60	1000	2x115	180	878	855	470
15125	1830	1750	1925	1845	1970	60	1000	2X115	180	1125	855	470

TYPE	Capacity (t/h)		Motor			Mana Ø	Air Need m³ / min	Approx Weight Kg.		
	1.Cleaning	2. Cleaning	CEI Standart	Kw	rpm			Net	Gross	Pachage m³
15100	45-70	25	AGM 90 L4	1,5	1500	400	32	690	845	5,8
15125	55-80	33	AGM 100 L4a	2,2	1500	500	60	885	1200	6,66



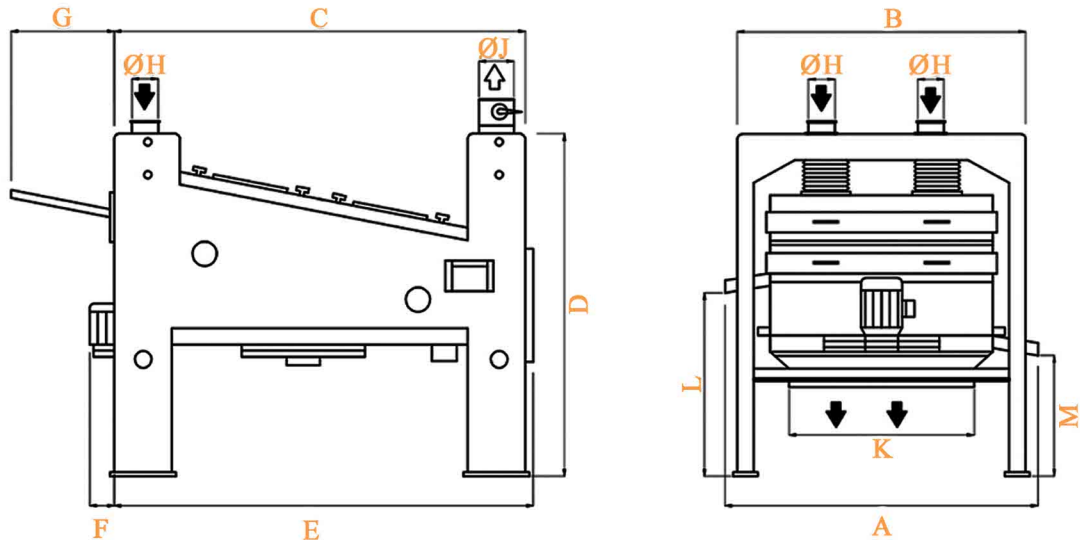
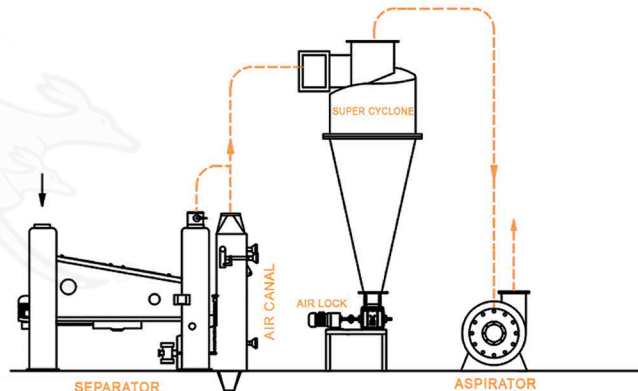
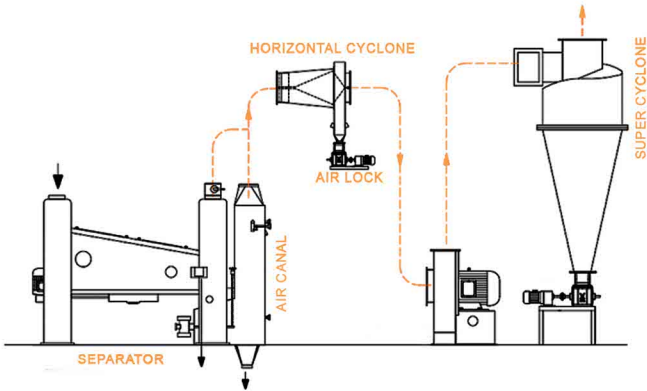
GPS
ASCOM MAKINA SAN. Tic. Ltd. Sti
Manufacturing Production Lines

4 ▶ **SEPARATOR**
GTMA



Separator for mill and silo used for separating straw , garbage , spikes and unwanted strange particles from the cereals in post and mill parts. Different models are available as to the capacities of factories.

It moves by eccentric system and used terso holes sheets on filter and it provides very effective eliminating and separating process. Machine dimensions are very small with respect to its capacity. Two folded tambour are suspended at four corners of metallic elastic rods on the chassis, which is made of steel sheets. Motor is assembled on the tambour and it gives movement to the special system balanced with flywheel circular by the help of V- Belt , thus machine to work. It keeps the particles bigger than wheat over filter then thrown away by the slide way. Wheat falls down through the over filter to bottom filter ; and strange particles are filtered out of wheat. Filter can be easily compressible by the help of four side of the tambour with special fixing system at the same time easily removable. Filters are made of two parts on each floor and where removed there isn't any problem for place. There are rubber balls which cleans interior of the filter. If more cleaning air is required, extra air canal can be connected to exit part of the machine. Air Canal spreads the product that comes to riddle separated from light particles by setting with current air speed.



TYPE	DIMENSIONS (mm)											
GTMA	A	B	C	D	E	F	G	ØH	ØJ	K	L	M
10100	1355	1300	1300	1255	1325	120	1250	115	1X180	1X878	430	210
15100	1410	1290	1810	1510	1840	120	1000	2X115	180	878	840	470
15100 Wide	1510	1390	1810	1510	1840	120	1000	2x115	180	878	840	470

TYPE	Capacity (t/h)		Motor			Mana Ø	Air Need m³ / min	Approx Weight Kg.		
GTMA	1.Cleaning	2. Cleaning	CEI Standart	Kw	rpm			Net	Gross	Pachage m
10100	9-12	6	AGM 90 S4	1,1	1500	350	12	455	610	3,4
15100	30-40	12	AGM 90 S4	1,1	1500	400	24	550	740	4,4

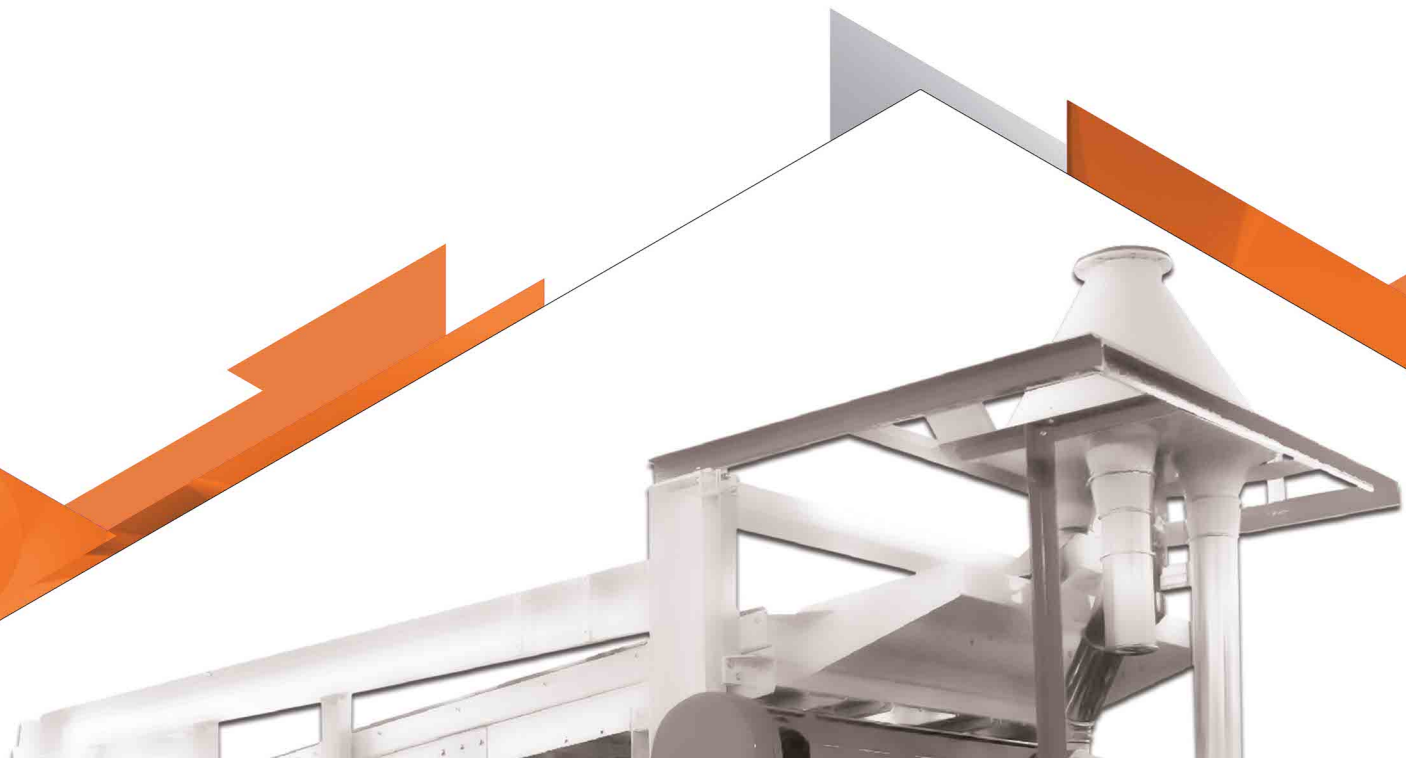


GPS-ASCOM



Sistem can be used in the pre-cleaning and classifications of grain and legumes processing. The system is produced in different dimensions and capacities depending on the capacity.

1000 - 1250 Model	Dimensions			Motor Power (KW)	Sieve Through (mm)	Capacity (±%10) (t/hr)	Weight (±%10) (kg)	Transport Area (m2)
	A	B	C					
GGM 1500	2770	1280	1020	1.5-1500/d	1000 × 2400-1	3	660	4.20
GGM 1550	3570	1280	1100	1.5-1500/d	1000 × 3200-1	3	900	5.20
GGM 1600	2770	1280	1350	1.5-1500/d	1000 × 2400-2	3	1020	4.20
GGM 1650	3570	1280	1500	1.5-1500/d	1000 × 3200-2	3	1300	5.20
GGM 1700	2770	1280	1650	2.2-1500/d	1000 × 2400-3	3	1320	4.20
GGM 1750	3570	1280	1800	2.2-1500/d	1000 × 3200-3	3	1600	5.20
GGM 1800	2770	1280	2100	2.2-1500/d	1000 × 2400-4	3	1650	4.20
GGM 1850	3570	1280	2500	2.2-1500/d	1000 × 3200-4	3	1900	5.20
GGM 1900	2770	1530	1020	1.5-1500/d	1250 × 2400-1	4	850	4.70
GGM 1950	3570	1530	1100	1.5-1500/d	1250 × 3200-1	4	1050	6.00
GGM 2000	2770	1530	1350	1.5-1500/d	1250 × 2400-2	4	1100	4.70
GGM 2050	3570	1530	1500	1.5-1500/d	1250 × 3200-2	4	1350	6.00
GGM 2100	2770	1530	1650	2.2-1500/d	1250 × 2400-3	4	1680	4.70
GGM 2150	3570	1530	1800	2.2-1500/d	1250 × 3200-3	4	1820	6.00
GGM 2200	2770	1530	2100	2.2-1500/d	1250 × 2400-4	4	1900	4.70
GGM 2250	3570	1530	2500	2.2-1500/d	1250 × 3200-4	4	2100	6.00



6 ▶ **ULTRA TRIEUR**
GTEA

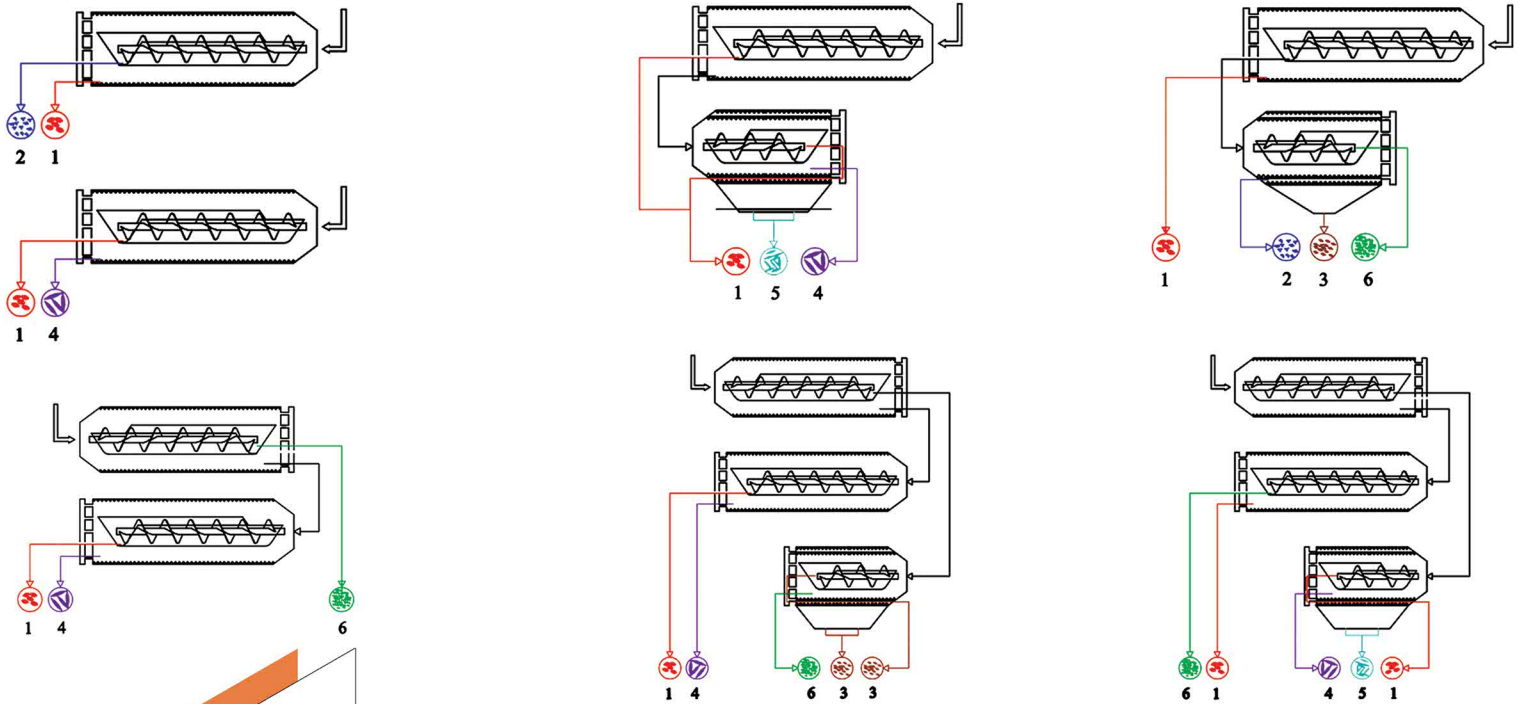


Ultra Trieur is an important machine which is used for separating seeds, barley , broken or long grains and strange particles from the wheat. A cylinder pressed pocket rounds to separate the seed over the plate. Seed fall to the canal at the middle of the cylinder ,and then spiral carrier at the middle of the canal throw the seeds away.

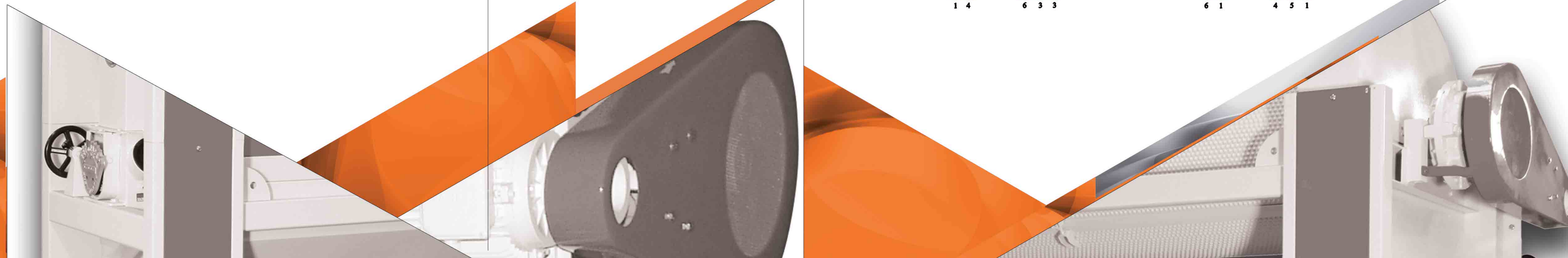
Iron plate cylinders which has different pockets used for long grains, for example, ball-shaped grains and barleys. Same chassis , long and circular type of trieur can be made in respect of requirement. Special machines has control system, which are capable to decompose wheat and wheat shaped seed.

While starting movement or stopping of the cylinder, it has not load over because of using a special reducer according to requirement of the customer, speed control device can be used for controlling of the motor at desired ratio. This process makes optimum separation.

TYPE	DIMENSIONS (mm)	CAPACITY t/h		AIR NEEDED		MOTOR			Approx Weight Kg.		
GTEA	A B C D E	m³	mmWS	CEI Standart	Kw	rpm	Net	Gross	Package m²		
Seed	72/3000/2 1370 2180 3470 3860 1060	9-11	16	18	2xAGM 132 S6	3	940	1930	2050	11,6	
Seed	72/3000/3 1370 2950 3470 3860 1060	13-16	18	20	3xAGM 132 S6	3	940	2890	3010	15,6	

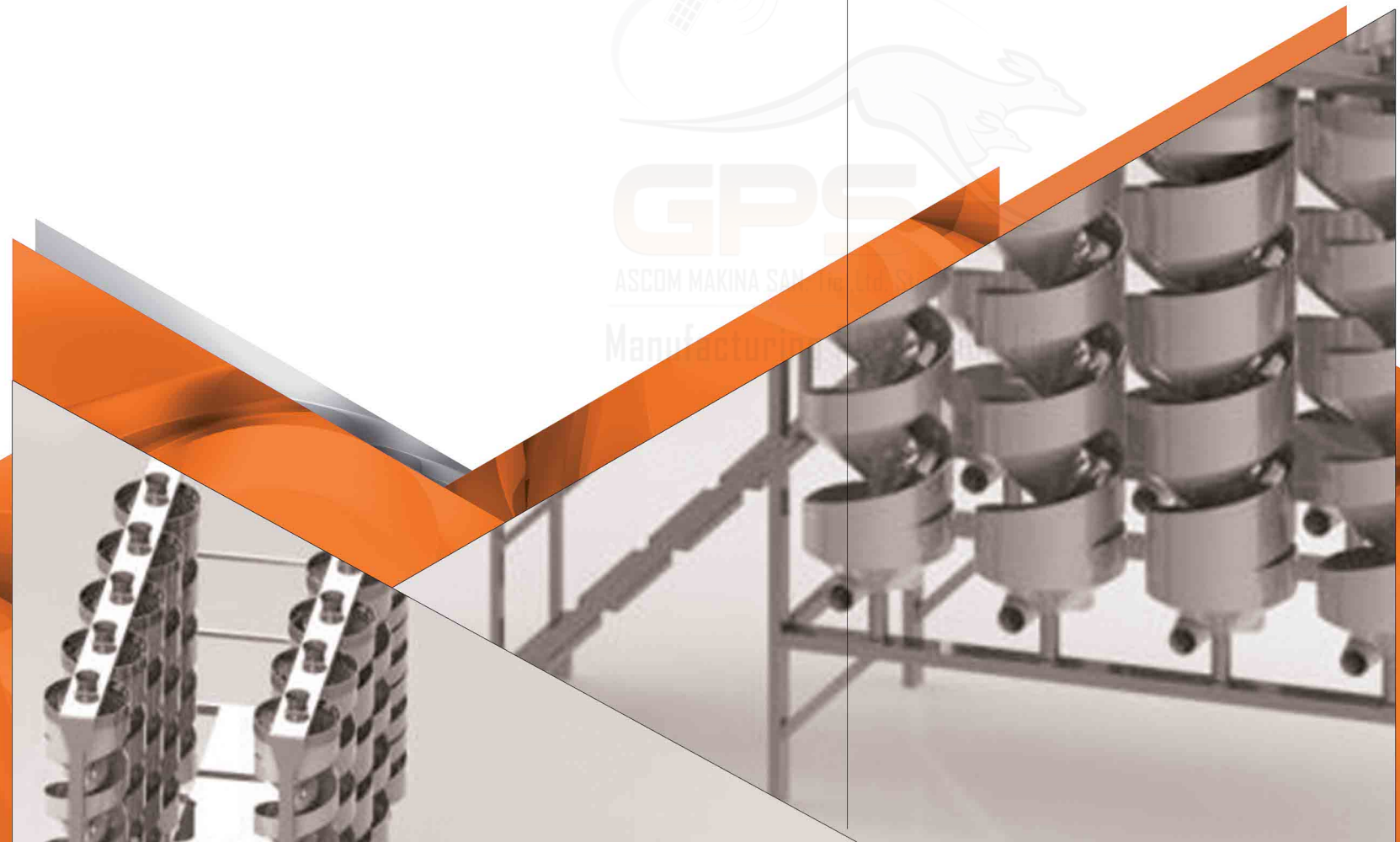
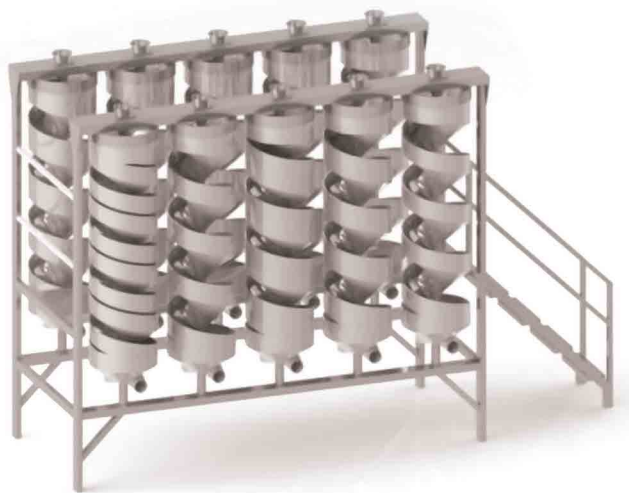


- 1 - Wheat
- 2 - Broken Wheat
- 3 - Small Wheat
- 4 - Barley
- 5 - Long Thin Grain
- 6 - Seed



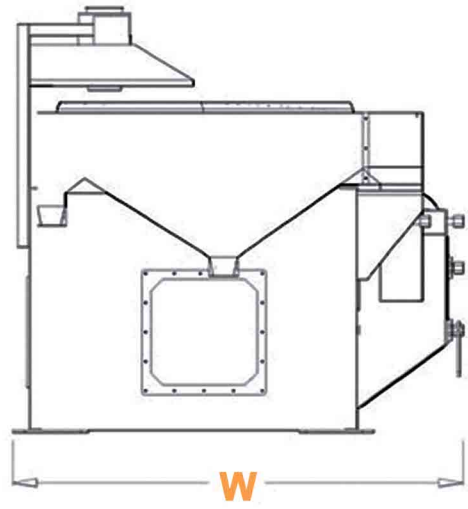
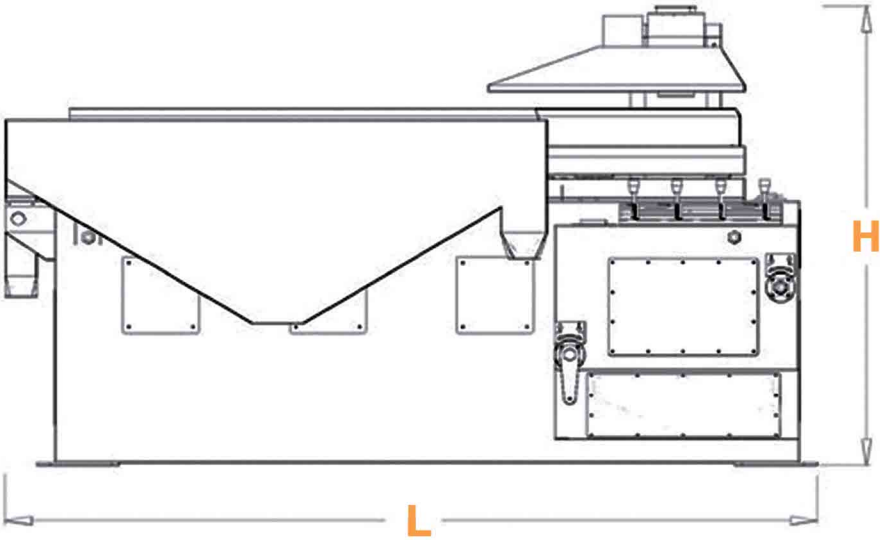


Separating process is achieving by gravity and centrifugal effect. It doesn't need energy. Processing capacity, column and lyers produce is according to costumer requests.



8 ▶ Gravity Separator
GM 2500

The grading by specific weight of products with very slight difference in size and/or weight, which can not be separated by screening (width), aspiration (weight) or by indented cylinders (length).The separator works on a fluidised bed principle; air is forced through the deck causing t..



MODEL GM2500	DIMENSIONS (mm)			ENHING POWER (kw)	CAPACITY (t/h) (%±10)
	L	H	W		
Type 2500	3160	1800	1900	11	6 Ton
Type 2510	3650	1800	1900	15	10 Tons

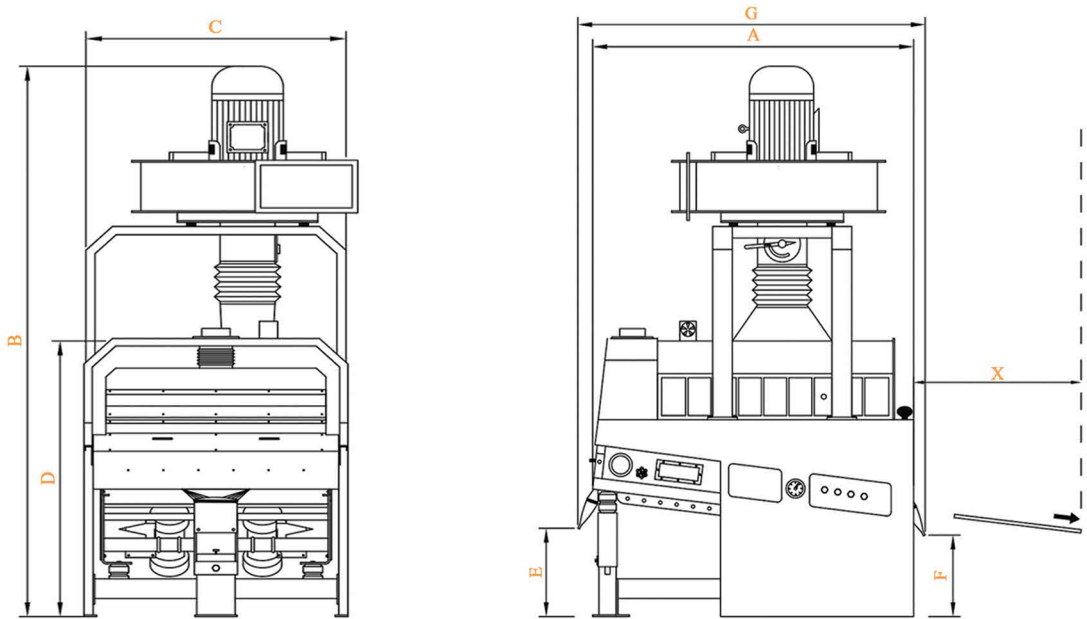


Combi separator machines have one machine frame, one common vibrator drive, one machine housing for three operations. Combi separator machines have compact and space saving design and also two machine in one body.

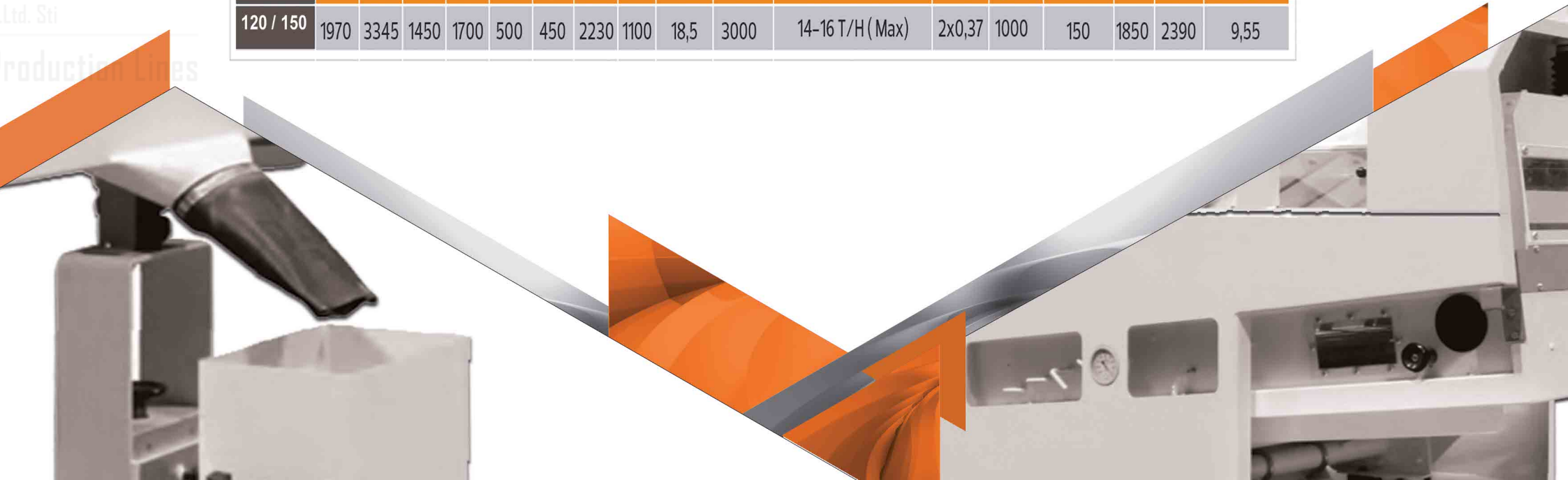
Combi separator machine is used with or without air recycling system and have low operational cost and economic solutions.

The importance of combi separator machine based on his functions and explain bellow;

- The machine is driven by two synchronized vibrators.
- Easy adjustment of the sieve inclination.
- The classification of plain in to high density (heavy) and mixed fraction and the machine simultaneously functions as a destoner.
- By using fine regulation of the air velocity for separation of the light frnctions and adjustable division in to a heavy and mixed fractions.
- The destoner sections remover the stones
- By using the different sieves are easy to exchange
- The aspirator eliminates low density particles and dust.

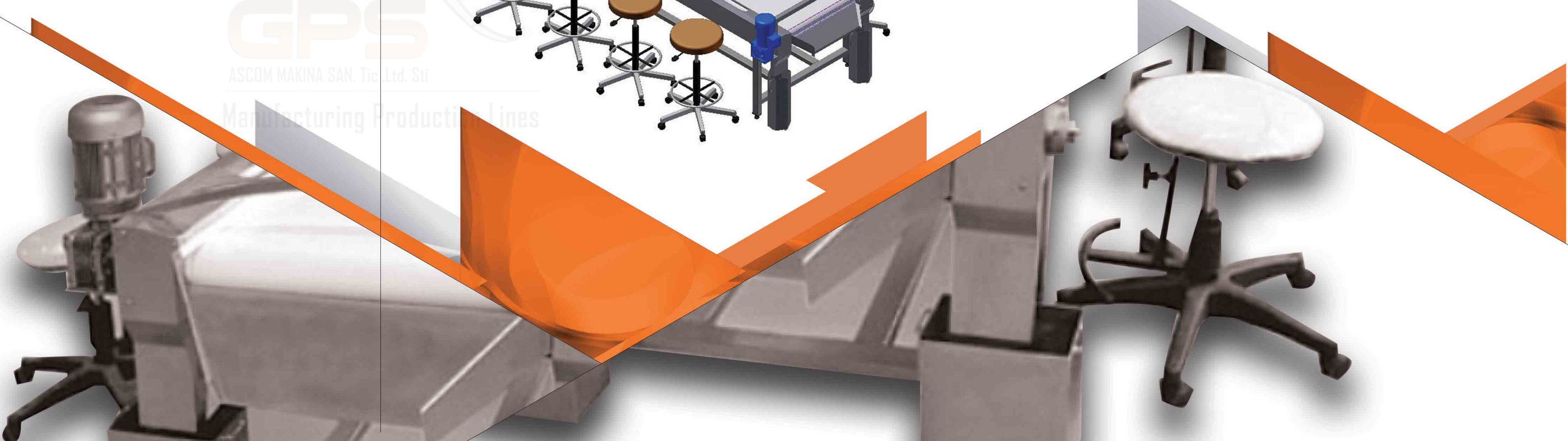


TYPE	DIMENSIONS (mm)								Fan Motor		Capacity (For Wheat)	MOTOR		Air Need m3 / min	Approx Weight Kg		
	A	B	C	D	E	F	G	X	kw	RPM		Kw	rpm		Net	Gross	Package m³
120 / 150	1970	3345	1450	1700	500	450	2230	1100	18,5	3000	14-16 T/H (Max)	2x0,37	1000	150	1850	2390	9,55



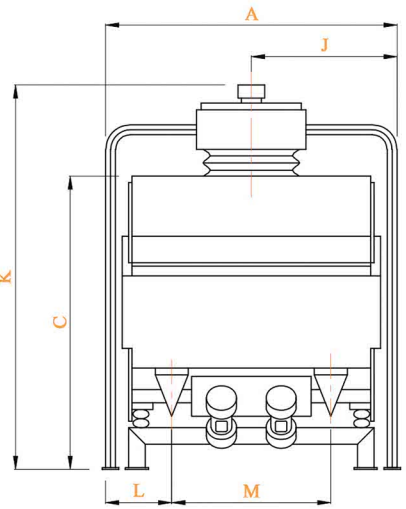
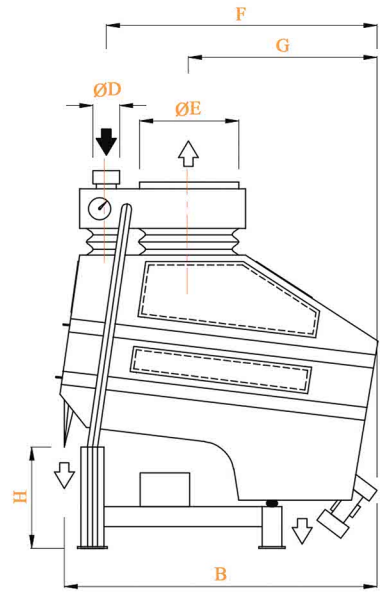
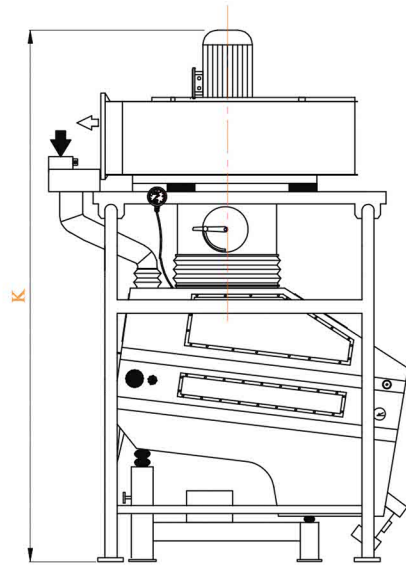
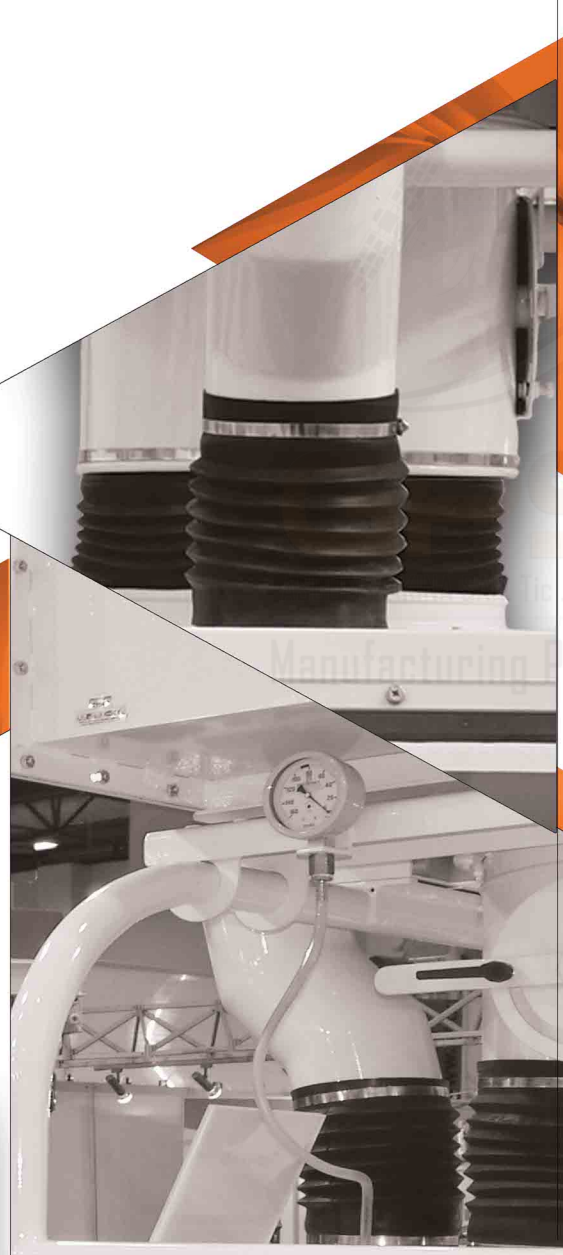
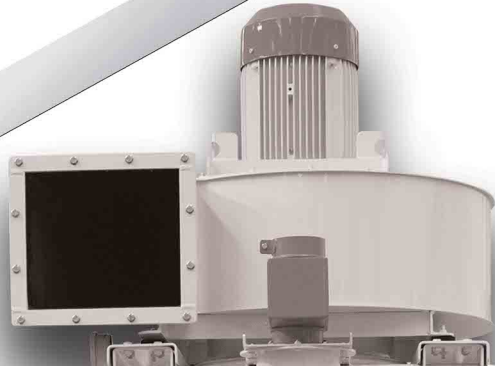
It is used to select the strange, rotten and bruised ones in the product.
Its body is made of stainless steel
It has canals to put the bruised product
The band is suitable for the food
The speed of the band can be adjusted
It has superior ergonomic design.

Meters	Electrical Power	Approximate
3-6-9-12 m.	0.75 KW	400 kg



DRY STONE WITH
ASPIRATOR
GTSC

Dry stone Separator used for separating stones in wheat, barley, corn, lentil, chick-bean, bean, anise, thyme and sesame. Wheat fall over to the steel wire knitted filter. Wheat particles forms to layers in respect of specific weights by the help of vacuuming air under the filter. Light particles are over and the heavier particles pass below the floor of machine. Stones and strange particles which are heavier than wheat will stay above the filter. The result of the filter vibrated by the help of vibrator, heavier grains are carried upwards. Light particles (decomposed wheat) flowing downward direction, after that decomposed line observed actually. The amount of air and angle of the inclined filter can be adjustable. With these two adjustment decomposing degree is adjustable with respect to wheat sort and amount of stone in wheat. New type of dry stone separator is sensitive and useful. Air pressure is set by a special indicator. The sensitivity of the separation is increased by constant air distribution over the whole plate, and also by vibration which gives full wheat distribution and spreads it over the metal weaved filter. High weighted capacities can be produced with at low electric and air consumption. Machine works dustless, silent and has Plexiglas doors, so we can observe inside the machine easily. Different models of dry stone separator are existed with respect to tonnage capacity.

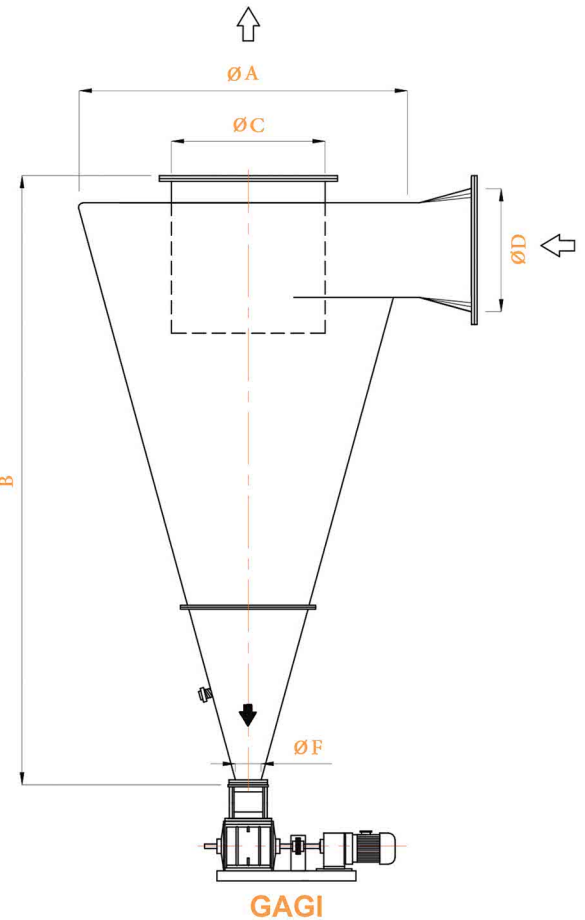
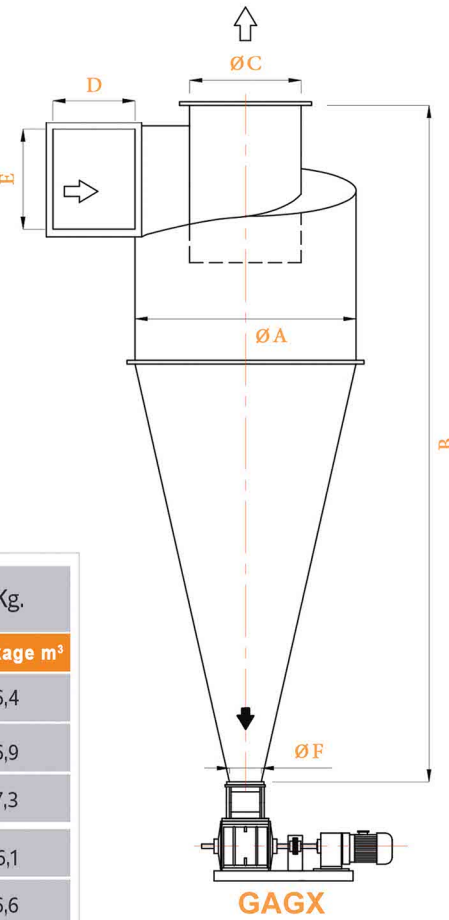


TYPE	DIMENSIONS (mm)												CAPACITY t/h max.	MOTOR			Air Need m³/min	Approx Weight Kg.		
	A	B	C	ØD	ØE	F	G	H	J	K	L	M		CEI Standart	Kw	Rpm		Net	Gross	Package m³
120/120	1530	1650	1450	195	500	1500	1060	600	765	1550	260	900	6-9	2x BM 600/10-DM	0,35	1000	120	600	780	8,26
120/120/2	1530	1650	1700	195	500	1500	1060	600	765	1800	260	900	12-16	2x BM 600/10-DM	0,35	1000	130	1270	1650	9,16
120/120/A	1640	1650	1450	195	500	1520	1060	600	775	2650	270	900	6-9	2x BM 600/10-DM AGM 132 M4	0,35 7,5	1000 1500	120	1125	1425	11,70
120/120/2A	1640	1650	1700	195	500	1520	1060	600	775	2940	270	900	12-16	2x BM 600/10-DM GM 160 M4	0,35 11	1000 1500	130	1850	2390	12,60

Generally , Cyclones used for decomposing air and product. Usefull for different aims with respect to their body structure. By the help of aspirator with absorbed air, it decomposes the strange particles that entered into the cyclone. Air is set free over the cyclon and the strange materials unload from underside of the cyclone by the help of air lock.



TYPE	DIMENSIONS (mm)						Air Need m³/ min	Approx Weight Kg.		
	ØA	B	C	D	E	ØF		Net	Gross	Package m³
GAGX - 100	1000	2450	500	350	430	135	120	276	358	6,4
GAGX - 120	1200	3800	600	440	550	135	145	294	382	6,9
GAGX - 150	1500	3920	750	550	650	165	210	365	474	7,3
GAGJ - CONICAL 110	1000	2600	500	Ø500	Ø500	135	70	254	330	6,1
GAGJ - CONICAL 120	1200	2800	600	Ø600	Ø600	135	105	273	354	6,6
GAGJ - CONICAL 150	1500	2900	750	Ø750	Ø750	160	135	310	403	6,9

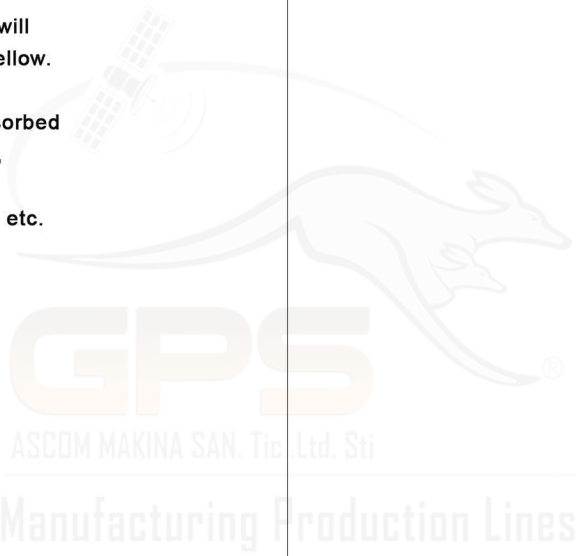


2-Wetting, Cooking and Drying Section

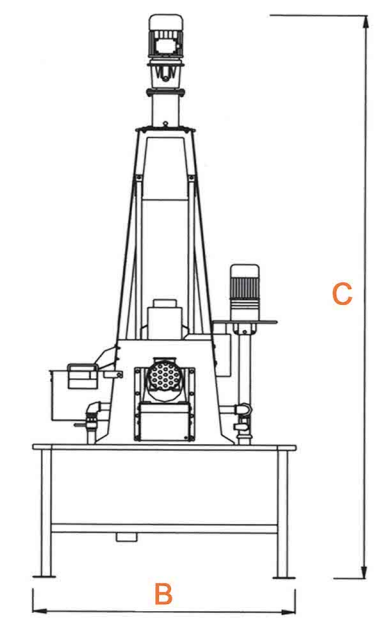
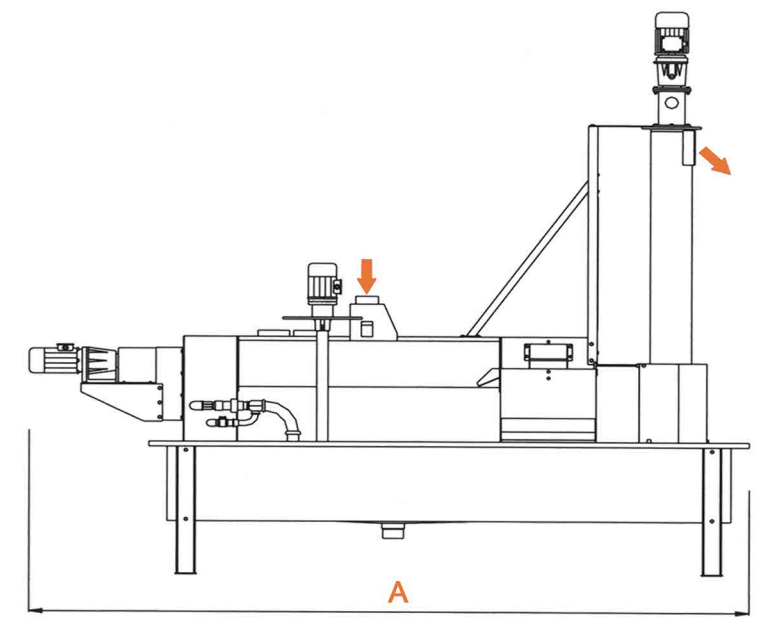




It is used especially in dulgur production to remove stuck materials like dust, foreign materials adhered to the grain on the wheat which will be cooked. These removed dust and the powder by the washing prevent to pollute baking water. The obtained products will be more clear, clean and it's colour seems yellow. Also during this process, baking time will be decreased by means of some water which absorbed in constitution of wheat befor. Besides these, this system can be used in some prducts process like flour, macaroni, semoline, pasta etc.

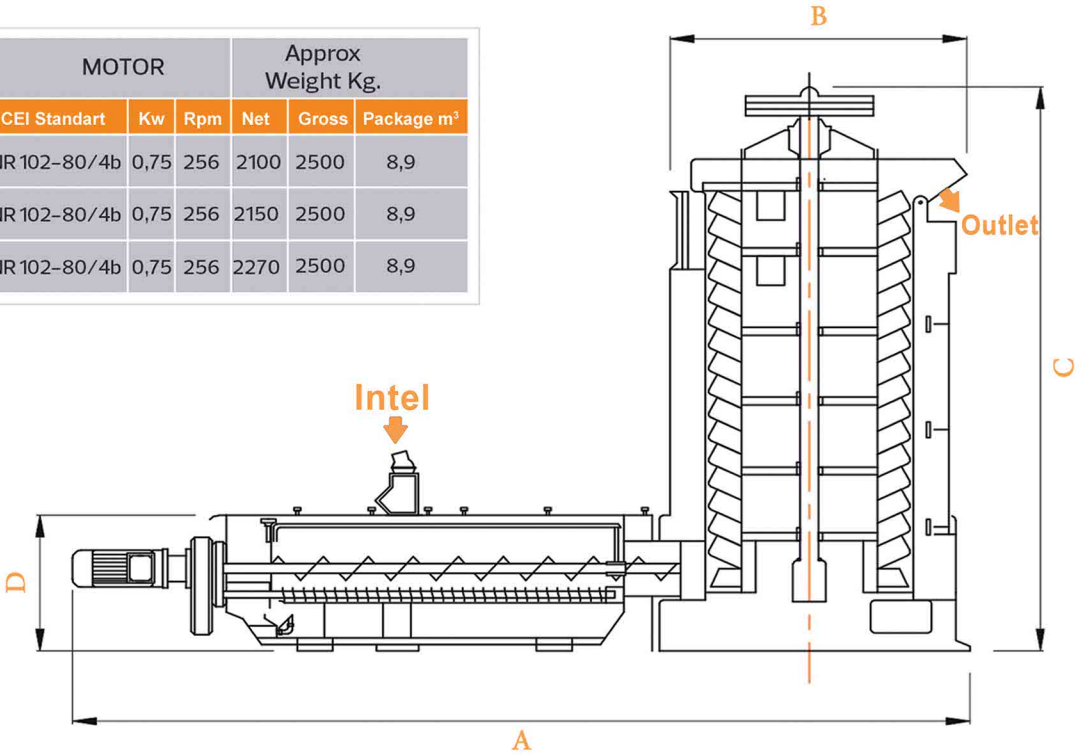


GM 700 Model	Dimensions (mm)			Motor Power (KW)	Capacity (t/saat) (t/h)	Weight (±%10) (KG)	Transport. Area (m²)
	A	B	C				
Type Ø 150	3832	1400	3420	0.75- 160/d 1.5 - 283/d	4	800	6.00



It provides rinsing the wheat by water and it becomes free of stone, soil, dirt, chemical substance , insects and bacteria. Calibration of product entry clamp forward or backward on the washing basin determines the time for the product to remain in the water. The product enters the washing basin via agitating the up screw rotating fast. Materials heavier than the wheat fall under the basin, since stone spirals here operate in reverse direction, foreign matters such as stone is taken to a pan. Stones are taken to the stone pan via compressed water. Product delivered to the drying section is pushed to lower sheet metals and product is dried and made free of bacteria and dirt. Water consumption is at the level of 1/4 based on dirtiness percentage of the cereal as minimum. Machine main frame is made of pig cast iron. Complete chrome (AISI 304) models are available optionally. It is compatible with Turkish Food Codex conditions.

TYPE	DIMENSIONS (mm)				CAPACITY t/h max.	MOTOR			MOTOR			Approx Weight Kg.		
	A	B	C	D		CEI Standart	Kw	Rpm	CEI Standart	Kw	Rpm	Net	Gross	Package m³
1340/11	3460	1355	2920	600	9,5-11,5	GM 160 M4	11	1500	NR 102-80/4b	0,75	256	2100	2500	8,9
1340/15	3460	1355	2920	600	11-13	GM 160 L4	15	1500	NR 102-80/4b	0,75	256	2150	2500	8,9
1340/18,5	3460	1355	2920	600	12-14	GM 180 M4	18,5	1500	NR 102-80/4b	0,75	256	2270	2500	8,9



The system is produced which depends on the capacity. Indirect steam is used for cooking operation. Also system can be completely disassembled for the cleanness of it. There is a automation in the system which depends on the demand of the customers.

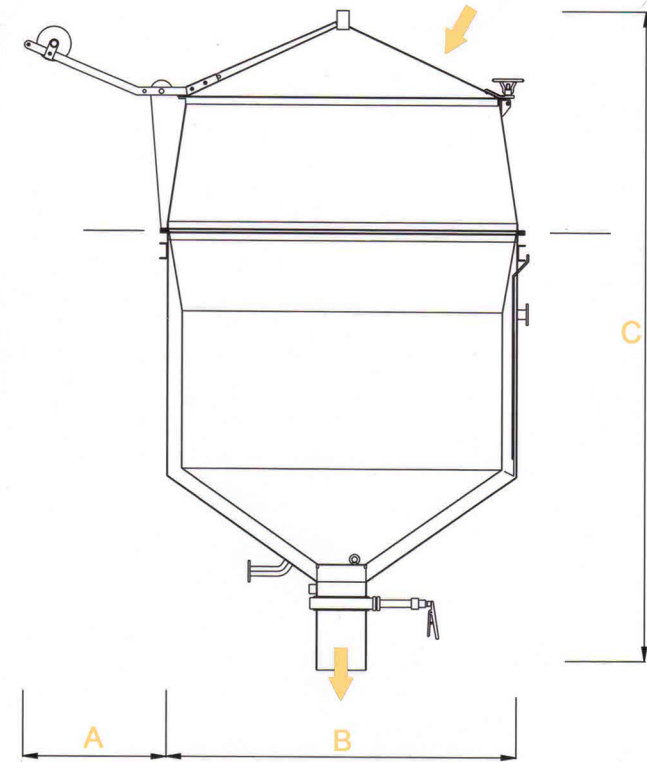
Cooking Boiler 2701



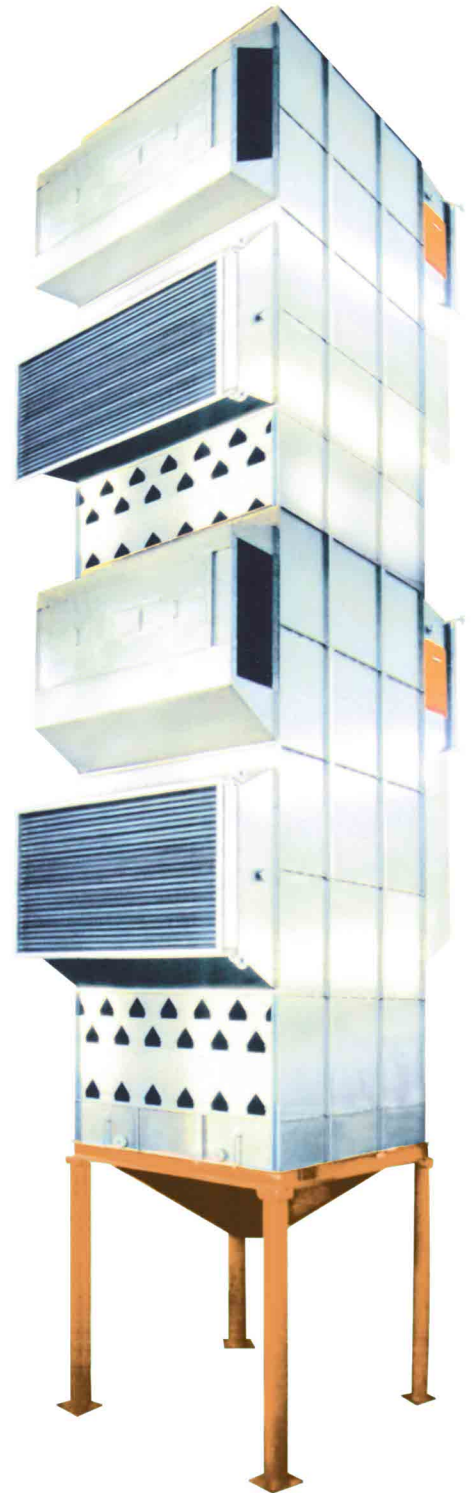
Continuous Boiler Cooking 2702



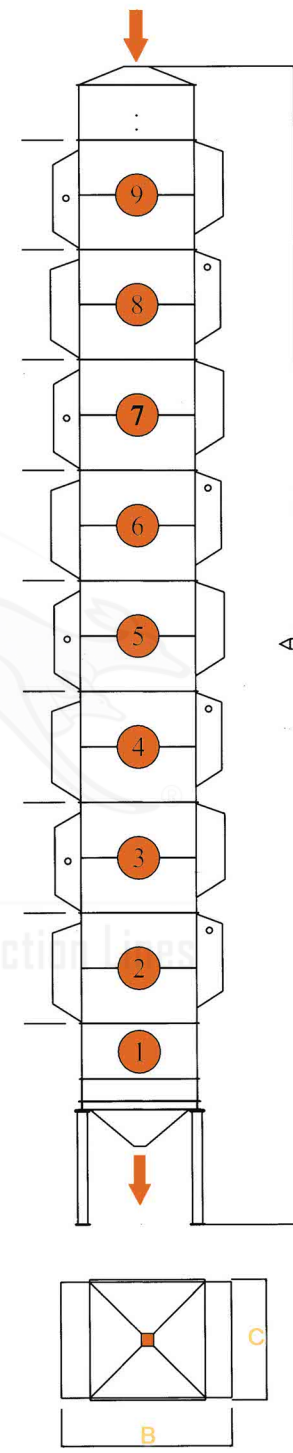
GM 2700 Model	Dimensions			Cooking Time for one boiler: 2 hour	Weight (±%10) (kg)	Transportation Area (m2)
	A	B	C			
TYPE Ø300	1200	2880	5300	5 t Wheat 6 t Water	2100	17



Drying methods in this stage that are peerless in respect of conservation of energy and capacity. If is used to dry for the cooked wheat the system is worked with the continuous working principle. In this system thermoblock and steam can be used for heating air. When it is required it is possible to use this system in the wheat, barley, corn which are the granular products.



UP TO
18.8 M



GM 1000 Model	Dimensions (mm)			Power KW	Capacity (t/hr)	Weight (±%10) (kg)	Transportation Area (m²)
	A	B	C				
Drying Tower	18870	2830	1970	1.5 - 50/d	2 (±%)	10000	60.00

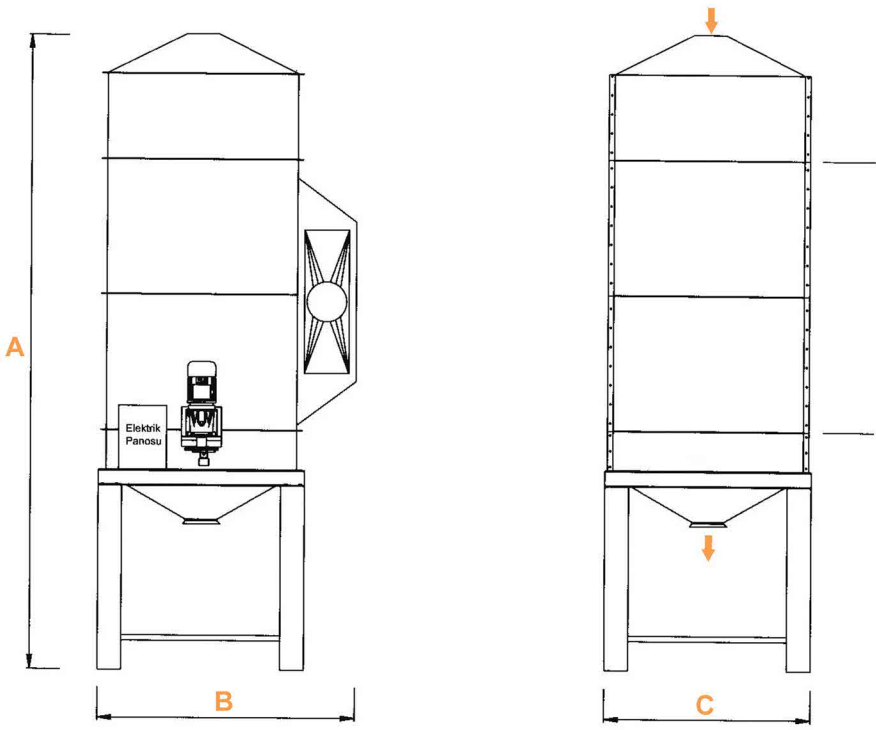


GPS
ASCOM MAKINA SAN. Tic. Ltd. Sti
Manufacturing Production Lines

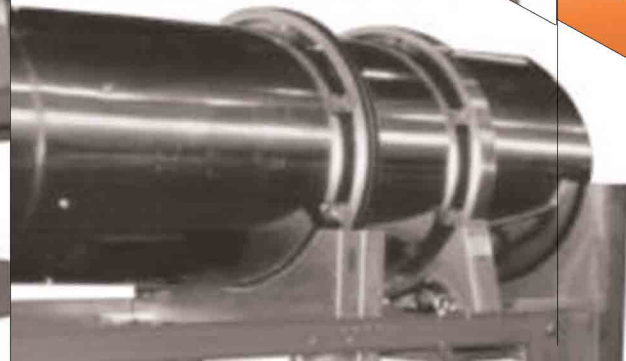
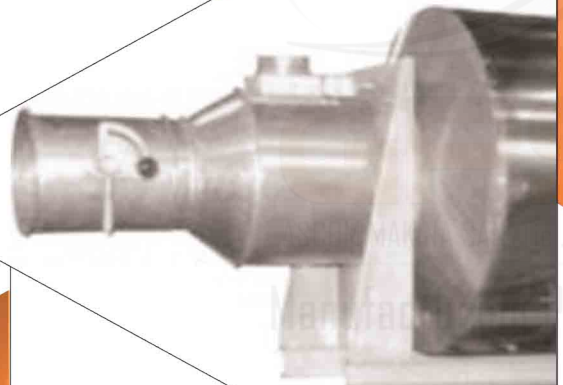


System is designed and projected by Gunmak R&D Department and it is used for getting the temperature down from 60 °C to 20-25 °C when the pounded wheat comes out of the polising operation. The system is a continuously running one.

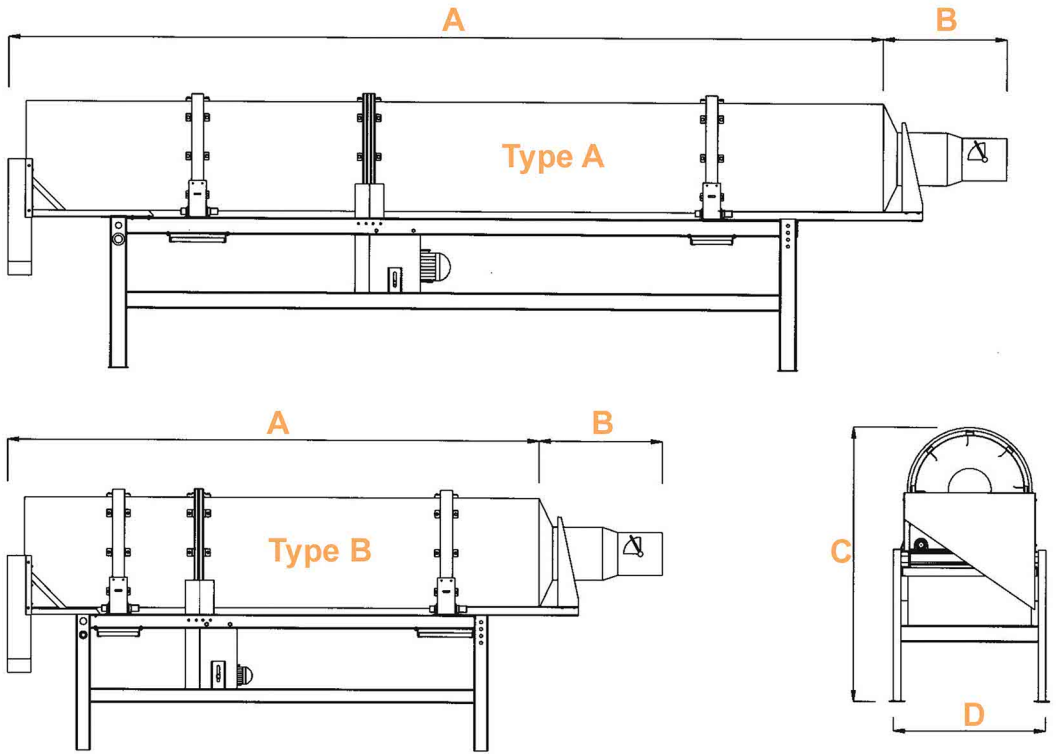
Model	Dimensions (mm)			Motor Power (kw)	Capacity (t/h)	Weight (±%10) (kg)	Transport Area (m²)
	A	B	C				
Type A-1200	3999	1620	1300	0.75-50/d	2.5	910	3.00
Type B-1800	3990	2220	1900	1.1-50/d	4	1960	5.00



GM-ST System is used for cooling dried pounded wheat and pre-drying processes where as GM 950 is used for cooling before the final-product classification. This system is being developed by Gunmak R&D Department.



Model	Dimensions (mm)				Motor Power (kw)	Capacity (t/h)	Weight (±%10) (kg)	Transport Area (m³)
	A	B	C	D				
Type A- Ø 800	6380	900	2000	1110	2.2kw . 50/d	2.5	1280	9
Type B- Ø 800	3875	900	2000	1110	1.5kw . 50/d	2.5	780	5





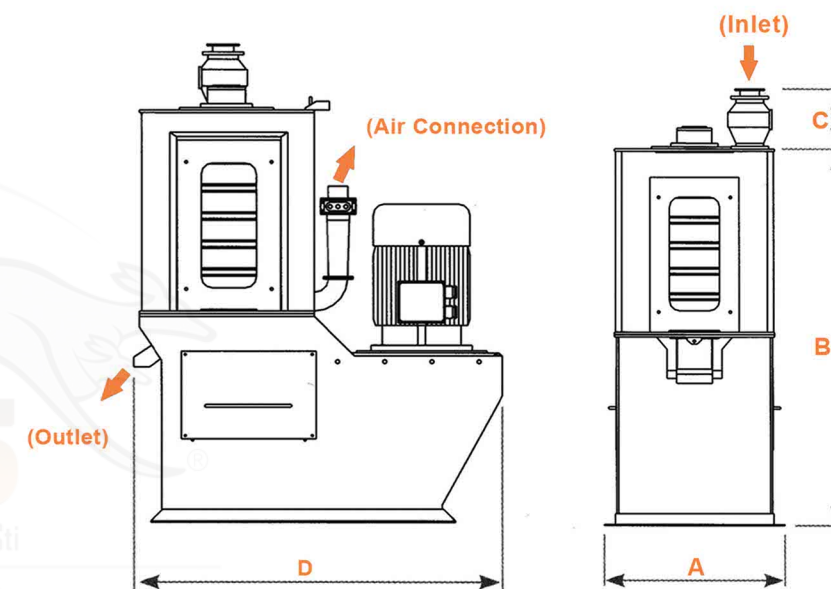
3-Peel, Grinding and Polishing Section





The system is consists of disc emeries which put on eachother on vertically running stone axle. With the pressure of product giving screw, the product going up-down between outer case and emery gets peeled while squeezed.

The peeled scale (bran) is got away from the case by the special air usage system. The air going through the discs lets the machine run with the highest performance. For the product control, at the entry and the exit of the material cutting bolt and capacity refining bolts are used.



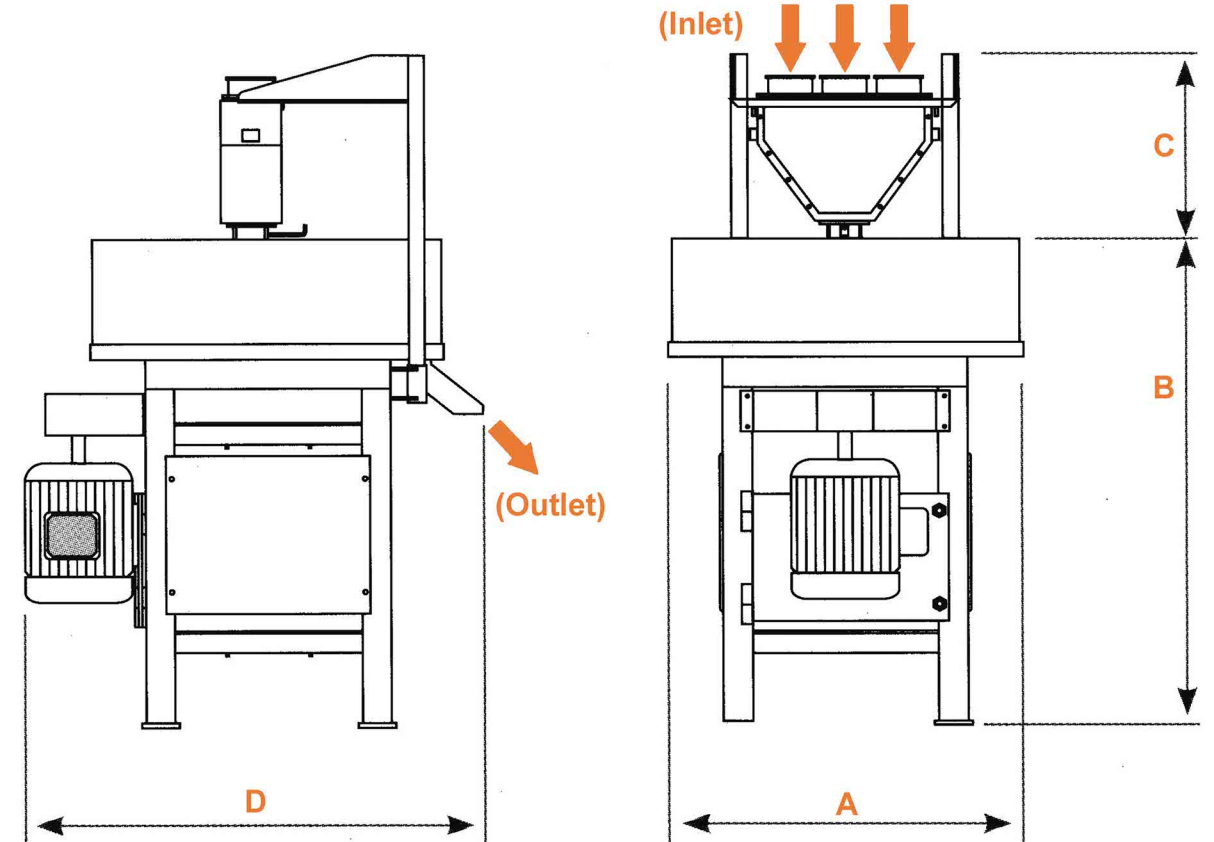
Tip	mm.				Motor Devir	Basmes (mmSS)	Debisl (m3/dsk)	(kg) (±%10)	Kapasiteler (±%10)	
	A	B	C	D						
GKS 340	880	1866	205	1645	30 kw 1500 D/d	140-160	40 / 50	1060	Mereimek	3 t/h
					37 kw 1500 D/d	140-160	40 / 50	1100	Bugday	2 t/h

Tip	mm.				Motor Devir	Basmes (mmSS)	Debisl (m3/dsk)	(kg)	Kapasiteler (±%15)	
	A	B	C	D						
GKS 400	940	1866	205	1934	22 kw	140-170	50 / 75	1520	Mereimek	3 t/h
					37 kw	140-170	50 / 75	1520	Mereimek	4.5 t/h
					37 kw	140-170	50 / 75	1520	Mereimek Bugday	1.5 t/h
					37 kw	140-170	50 / 75	1520	Bugday	2.5 t/h
					45 kw	140-170	50 / 75	1520	Bugday	3 t/h
					55 kw	140-170	50 / 75	1520	Bugday	3.5 t/h

23 ► Horizontal Peeler
GM2400



Mainly, system is composed from tow specially molded emery stones, wich are arranged as horizontally tow rows. Bottom emery stone is connected to shoft-probe and driven by moto. Top stone is fixed. Feeding is made through the center hole of the top stone, then distributed and grinded or peeled between tow stones.



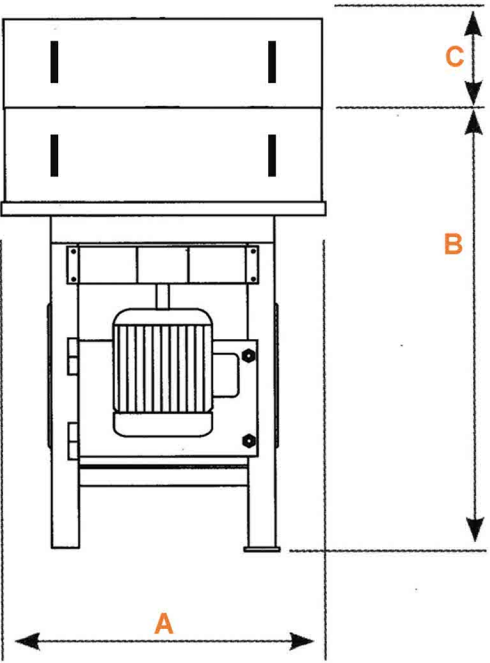
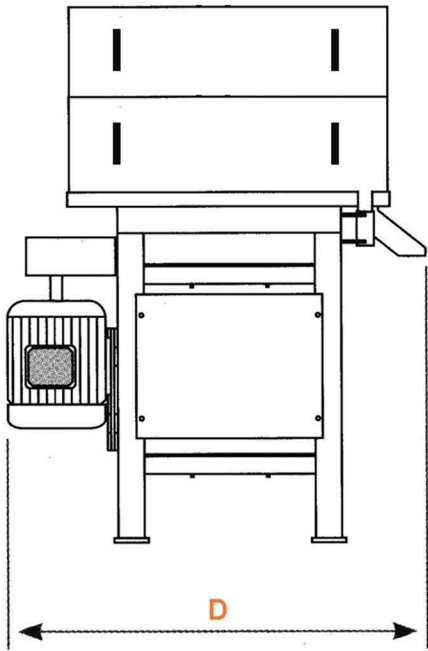
GM 2400 Model	Dimensions (mm)				Motor Power (KW)	Weight (±%10) (KG)	Capacity (t/saat - t/h)		Transportation Area (m²)
	A	B	C	D					
Type Ø750	1020	1190	530	1260	5.5	650	Mercimek/Lentil	1	1.40



The base of the system consists of special emery moulded two stones which lays on each other. The stone underneath is connected to the main axle and is forced with the engine.

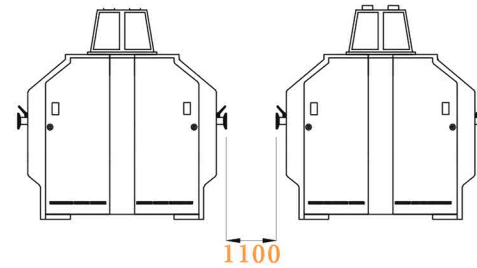
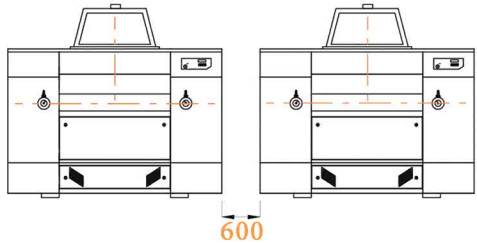
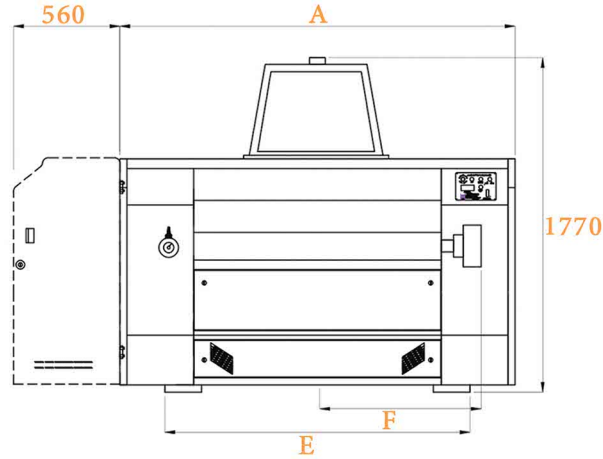
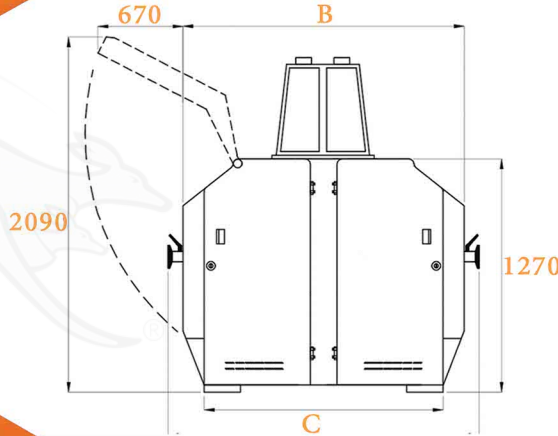


Model	(Dunensions) (mm)				Pwer (kw)	Capacity (t/hr)	Weight (kg)	Transportation Area (m ²)
	A	B	C	D				
GYBK 900	1116	1773	1500	1740	11	1	1400	1.2



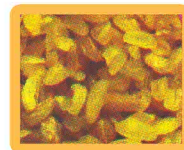
Roller miller is one of the most important machine in the modern flour plants to produce flour. To choose Roller Mill is directly related with the quality and amount of the product. At the grinding system of the Roller Mill, the forces of breaking, crushing and pressure forces are applied together. It is a good & available system to have the required size of products. Generally they are state as Breaking Roller Mill & Liso Roller Mill. The surface of the Breaking Roller Mill cyliders are grooved, and Liso Roller Mill cylinders surfaces are smooth. To choose Liso or Breaking Roller Mill is clarified according to the diagram. The duty of the feeding cylinders mounted on roller mill, to transfer the grinded products between the cylinders homogeneously.

TYPE	DIMENSIONS (mm)								Approx Weight Kg.		
	O DIA.	L mm.	A	B	C	D	E	F	Net	Gross	Package m³
GDMK	250	1000	1900	1480	1300	1680	1410	840	3200	3680	5,6
		1250	2150	1480	1300	1680	1660	965	3600	4140	6,4
		1500	2400	1480	1300	1680	1910	1090	4150	4772	8,4
GDMK	300	1000	1900	1530	1300	1730	1410	840	3650	4197	5,8
		1250	2150	1530	1300	1730	1660	965	4250	4888	6,6

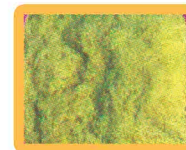
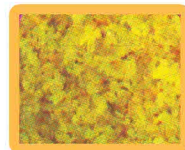




Before

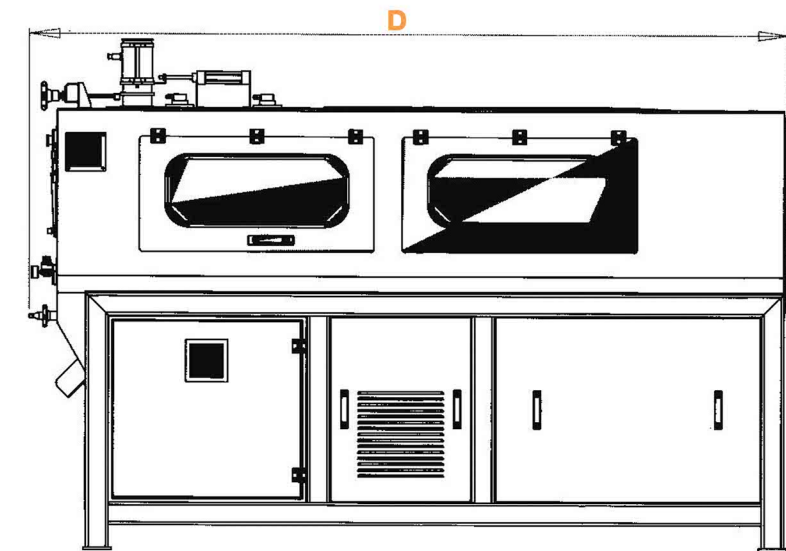
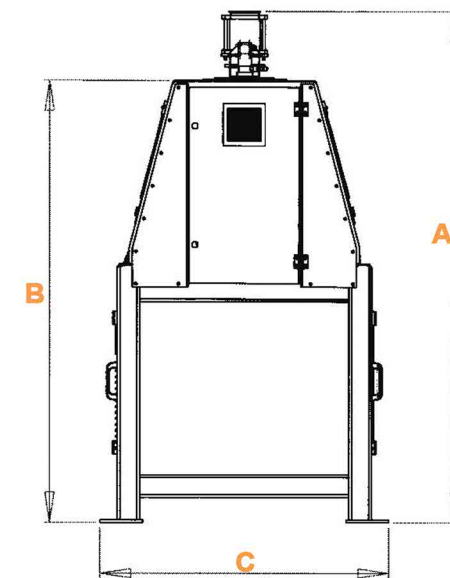


After

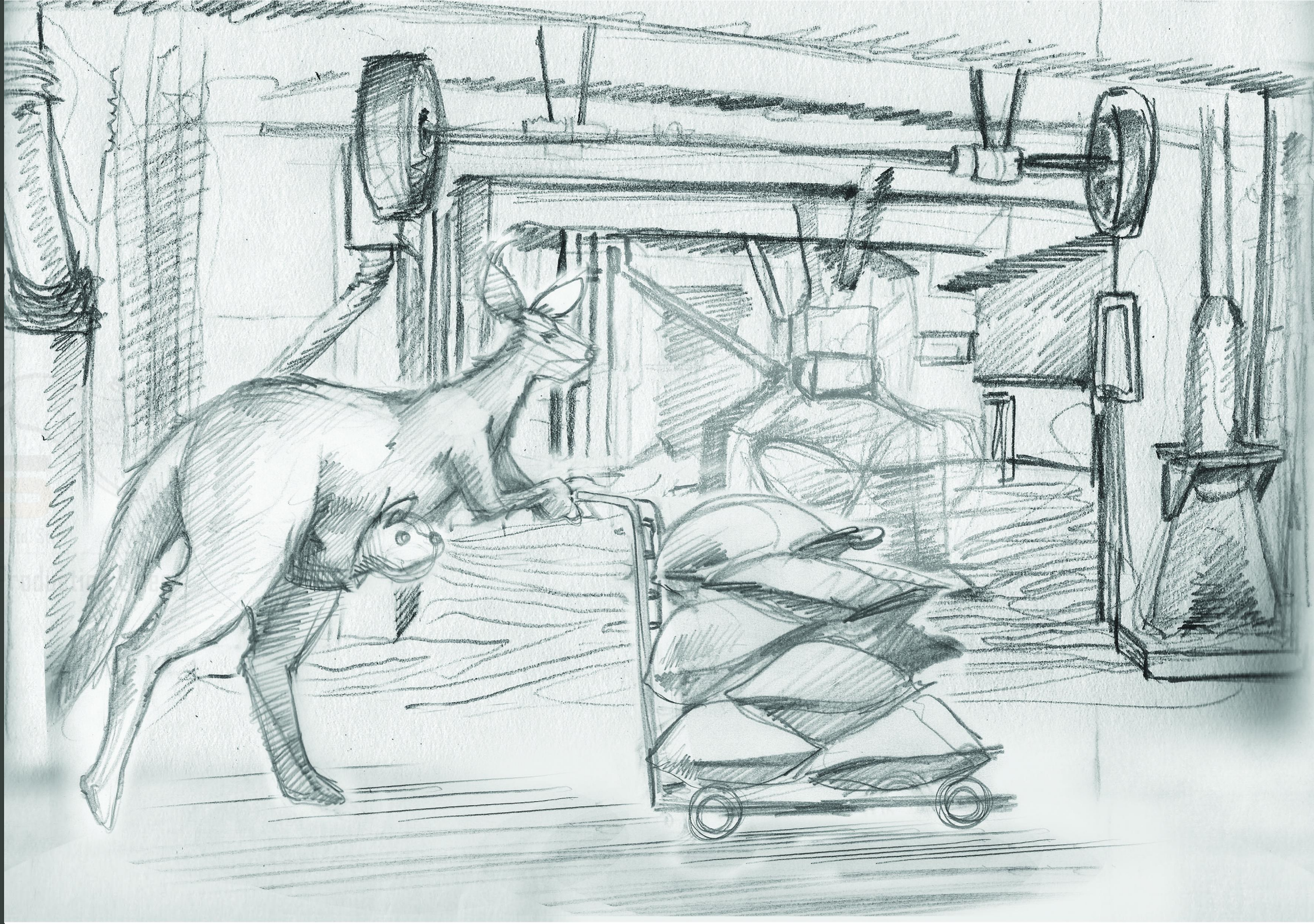


This system which has been designed and projected by GBS Ascom R&D Department is being used to give natural yellow color and shiny appearance to hulled and broken bulgur particles with Full Automatic PLC Controlled Units. While polishing process bulgur particles gains natural yellow color and their surfaces are grinded to give oval shape. This system has been manufactured by using the latest technology with the aim of achieving more capacity with the lowest energy consumption. While designing process occupational health and safety assessment rules carried out with great care. Also a Touch-Screen Panel mounted in front face to Access all settings and directions easily by touching screen only.

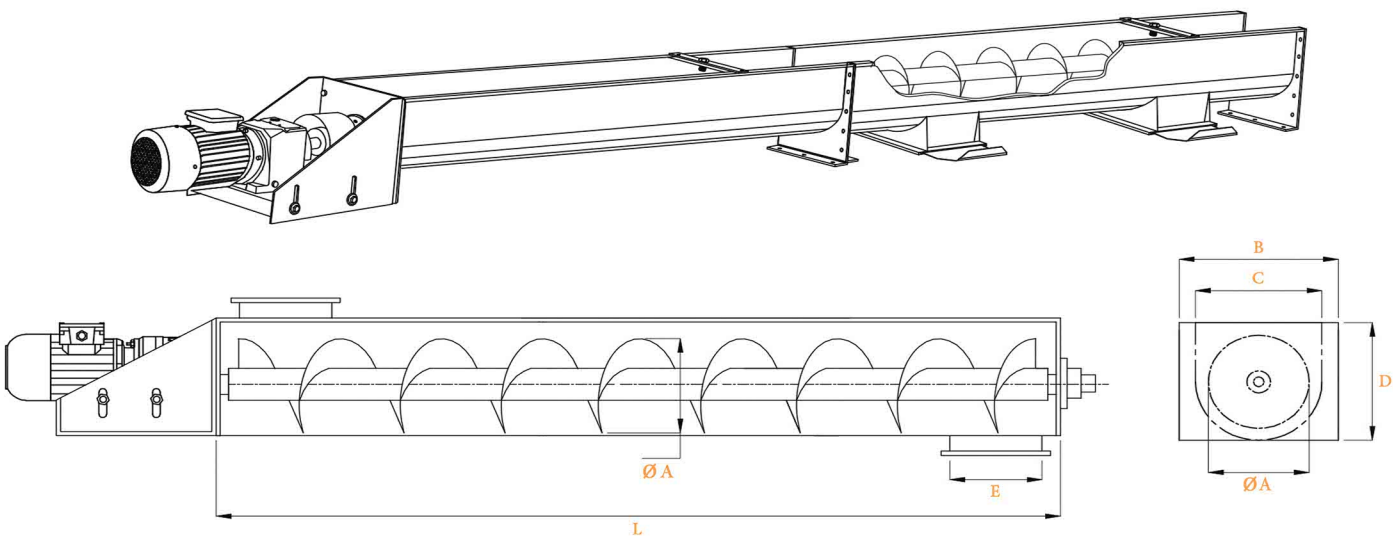
Model	Dimensions (mm)				Motor (Kw)	Capacity (kg/h)	Weight (kg)	Transport Area (m ²)
GM-BP 210/5	A	B	C	D	55 - 0.75	1500	1500	3.00
	1800	1565	1020	2690				



4-Transferring Section



Screw conveyor used for carrying, mixing and wetting of flour and grain particles in horizontal direction by the help of leaves, which have the same shape with screw. Screw conveyor can be manufactured in various dimensions depending on capacity. Left and right leaves used in it. Sheets are made is special for more and accurate productivity. Complete chrome (AISI 304) model can be made according to required.



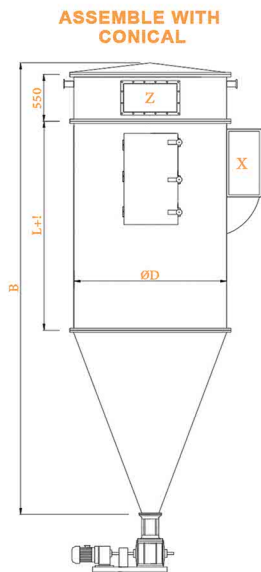
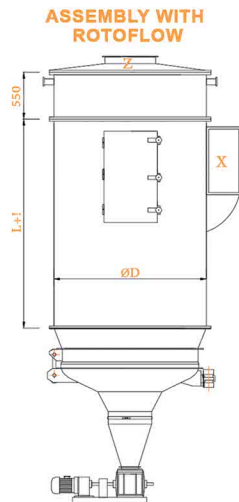
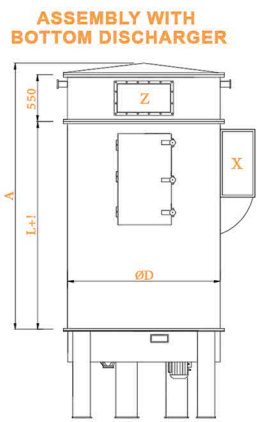
TYPE	DIMENSIONS (mm)						CAPACITY Wheat max. t/h	CAPACITY Flour max. t/h	CAPACITY Bran max. t/h	REDUCER MOTOR		
	ØA	B	C	D	E	L/mt				CEI Standart	Kw	Rpm
GMHW 125	125	205	145	215	145x145	!	3,150	2,677	0,63	MR 003 80/4a MR 102 80/4b	0,55-0,75	100
150	150	230	170	240	170x170	!	5,440	4,624	1,088	MR 102 80/4b MR 172 90/S4	0,75-1,1	100
165	165	245	185	275	180x180	!	7,240	6,154	1,448	MR 172 90/S4 MR 202 100L/4a	1,1-2,2	100
180	180	280	200	290	200x200	!	9,40	7,990	1,88	MR 172 90/S4 MR 202 100L/4a	1,1-2,2	100
200	200	300	220	300	220x220	!	12,900	10,965	2,58	MR 172 90L/4 MR 272 100L/4b	1,5-3	100
220	220	320	240	325	240x240	!	17,160	14,586	3,432	MR 202 100L/4a MR 372 112M/4	2,2-4	100
230	230	330	250	350	250x250	!	19,610	16,668	3,922	MR 202 100L/4a MR 372 112M/4	2,2-4	100
250	250	350	270	370	270x270	!	25,190	21,411	5,038	MR 272 100L/4b MR 372 132/S4	3-5,5	100
270	270	370	290	400	290x290	!	31,730	26,970	6,346	MR 272 100L/4b MR 372 132/S4	3-5,5	100
300	300	420	320	430	320x320	!	43,520	36,992	8,704	MR 372 132/S4 MR 472 132/M4	5,5-7,5	100
330	330	450	350	510	350x350	!	57,930	49,240	11,586	MR 372 132/S4 MR 472 132/M4	5,5-7,5	100
350	350	470	370	530	370x370	!	69,110	58,743	13,822	MR 472 132/M4 MR 502 160/M4	7,5-11	100
400	400	520	420	560	420x420	!	103,170	87,964	20,634	MR 502 160/M4 MR 502 160/L4	11-15	100



Jet- Plus Filter is used for refining the air from air-dust mixture then keeping the dust and setting clean air free by stock. Jet-Plus Filter used for 2,5-800 m3 / min of the flow rate in dusty air. Firstly, Round shaped of filter body works as cyclone principal, then refining process occurs and then keeps the dust by the help of bags. Filter can used in systems of vacuum and pressure. Bag cleaning is done at low pressure (0,5 bar) by the help of blower air which is free from oil and water. Sweeping air consumption is 35-40 N. Liter/bag/unit/ plus/minute. Refined air geometric path has optimal flow shows that filter nominal capacity has to produce maximum cleaning power of filter hoses, will enable higher cleaning degree of cleaned air, so the filter has to be connected with one tank, therefore another tank is unnecessary. Different types of filters are existed according to required capacity.

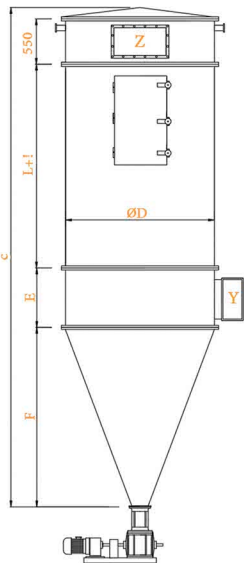


TYPE		GFSA-4				GFSA-10				GFSA-18				GFSA-26			
Hose Lenght L mm		1200	1800	2400	3000	1200	1800	2400	3000	1200	1800	2400	3000	1200	1800	2400	3000
Filter Space m²		1,7	2,6	3,4	4	4,3	6,4	8,6	10	7,7	11,5	15,5	18	11,2	16,6	22,4	26
A mm		1900	2500	3100	3700	1940	2540	3140	3740	1962	2562	3162	3762	1975	2575	3175	3775
B mm		2400	3000	3600	4200	2640	3240	3840	4440	3152	3752	4352	4952	3355	3955	4555	5155
C mm		2640	3240	3840	4440	2915	4115	4115	4715	3472	4072	4672	5272	3472	4072	4672	5272
DØ mm		500				750				1000				1140			
E mm		240				275				320				350			
F mm		500				700				1190				1380			
Normal/ Large Entrance Xmm		75*150/75*450				145*250/145*600				215*400/215*750				270*500/270*850			
Y mm		80*80				115*115				160*160				190*190			
Normal/ Large Exit Zmm		Ø 150/ Ø 225				Ø 250/ Ø 360				Ø 400/ Ø 500				Ø 450/ Ø 570 * 470			
ØG		145				145				145				145			
Revolving Grop Casket		30°				30°				15°				15°			
Vacuum Cleaner	Net Kg	180	200	220	240	285	320	355	390	485	545	605	665	585	655	725	795
	Gross Kg	305	345	385	425	470	535	600	665	765	865	965	1065	910	1025	1140	1255
	Exp. Weight	370	420	525	575	575	650	735	800	910	1025	1140	1255	1070	1230	1390	1550
Volume m3		2,0	2,5	2,9	3,3	3,7	4,5	5,3	6,1	6,9	8,2	9,6	11,0	8,9	10,6	12,4	14,2

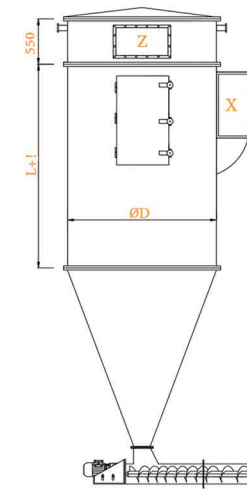


TYPE		GFSA-39				GFSA-52				GFSA-78				GFSA-104			
Hose Length L mm		1200	1800	2400	3000	1200	1800	2400	3000	1200	1800	2400	3000	1200	1800	2400	3000
Filter Space m²		16,8	25	33,5	39	22,4	33,5	44,7	52	33,5	50	67	78	44,7	66	89	104
	A mm	2008	2608	3208	3308	2028	2628	3228	3828	2100	2700	3300	3900	2147	2747	3347	3947
	B mm	3666	4266	4866	5466	3906	4506	5106	5706	4530	5130	5730	6330	4681	5281	5881	6481
	C mm	4056	4656	5256	5856	4336	4936	5536	6136	5010	5610	6210	6810	5211	5811	6411	7011
DØ mm		1340				1500				1840				2020			
E mm		390				430				480				530			
F mm		1658				1878				230				2534			
Normal/ Large Entrance	Xmm	300*650/300*1100				360*750/360*1250				500*800/500*1250				500*800/500*1550			
	Y mm	230*230				270*270				300*300				350*350			
Normal/ Large Exit	Zmm	Ø 500/ Ø 870*470				Ø 650/ 1130*470				470*850/ 1560*470				470*1070/1980*470			
	ØG	145				145				145				145			
Revolving Grop Casket		12°				12°				9°				9°			
Vacuum Cleaner	Net Kg	890	995	1100	1205	1115	1240	1365	1490	1615	1790	1965	2140	2120	2375	2630	2885
	Gross Kg	1310	1465	1620	1775	1605	1790	1975	2160	2250	2495	2740	2985	2850	3185	3520	3850
	Exp. Weight	1540	1720	1900	2085	1860	2090	2320	2550	2605	2885	3165	3440	3260	3625	3990	4355
Volume m³		12,8	15,1	17,5	19,9	16,4	19,2	22,1	25,0	23,2	27,6	32,0	36,4	27,9	32,9	38,0	43,1

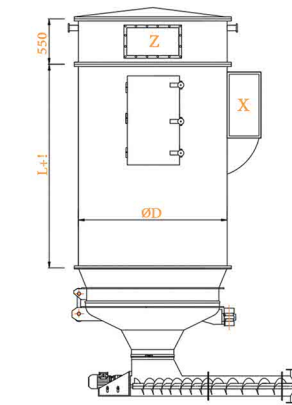
ASSEMBLY WITH FILTER
+ CYCLONE



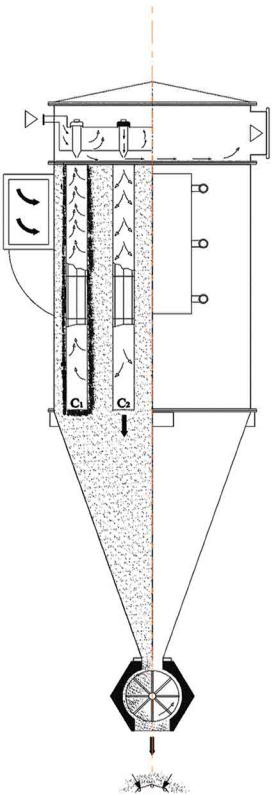
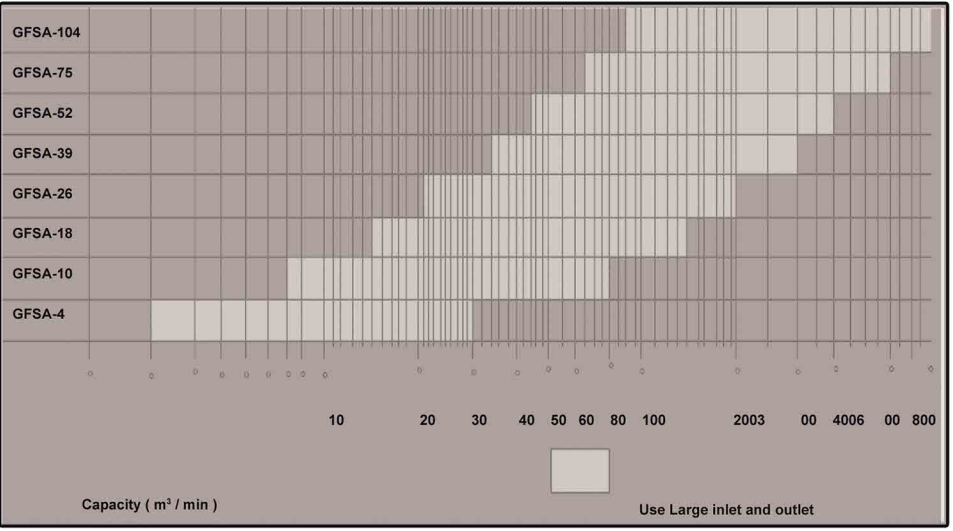
ASSEMBLY WITH
TUBE SCREW + CONICAL



ASSEMBLY WITH
CROTOFLOW + TUBE SCREW

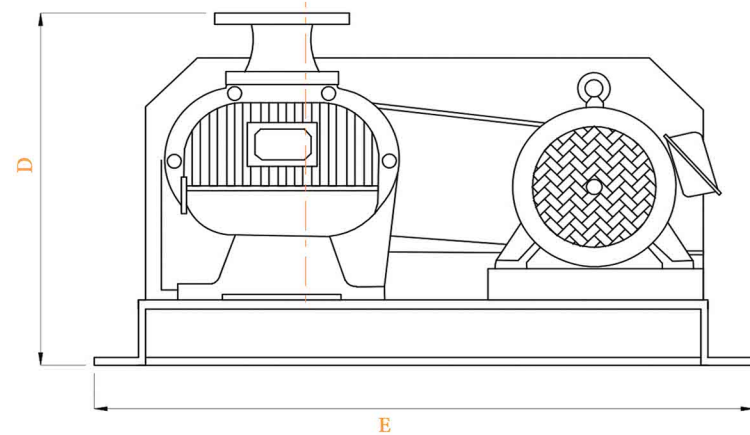
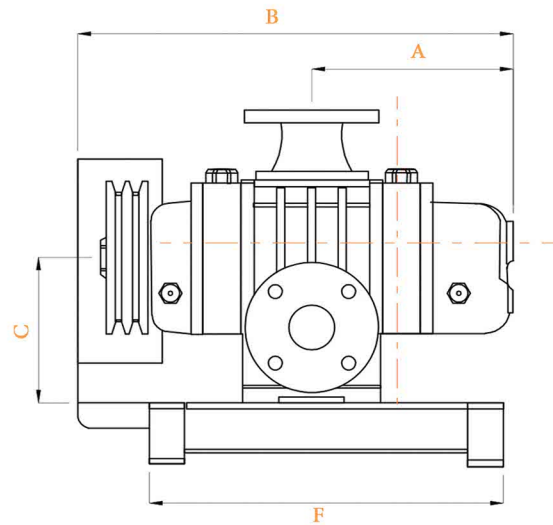


Filter Load		
Low		High
Fine	Medium	Thick
Stick/Tending to cake	Nemli	Dry
High		Low
Low		Low





Blower is a pump which have high flow rate. It used for producing of air needed to jet filter and transferring grains, seeds, granules and dust and other products on horizontal line and vertical line in our applications.



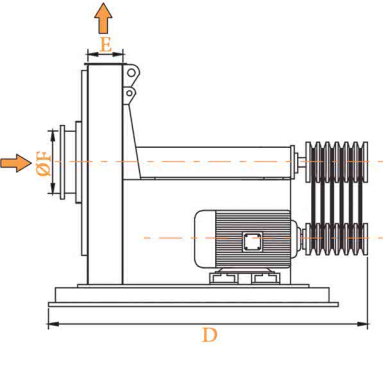
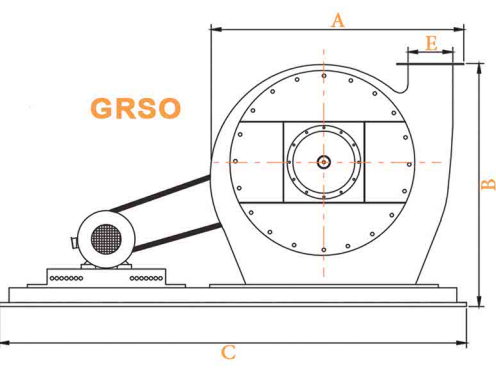
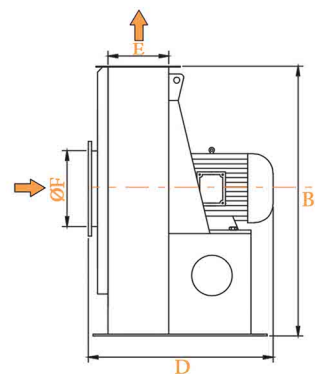
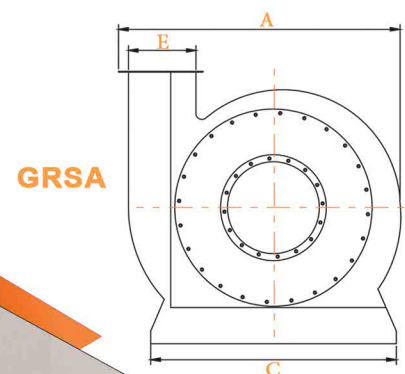
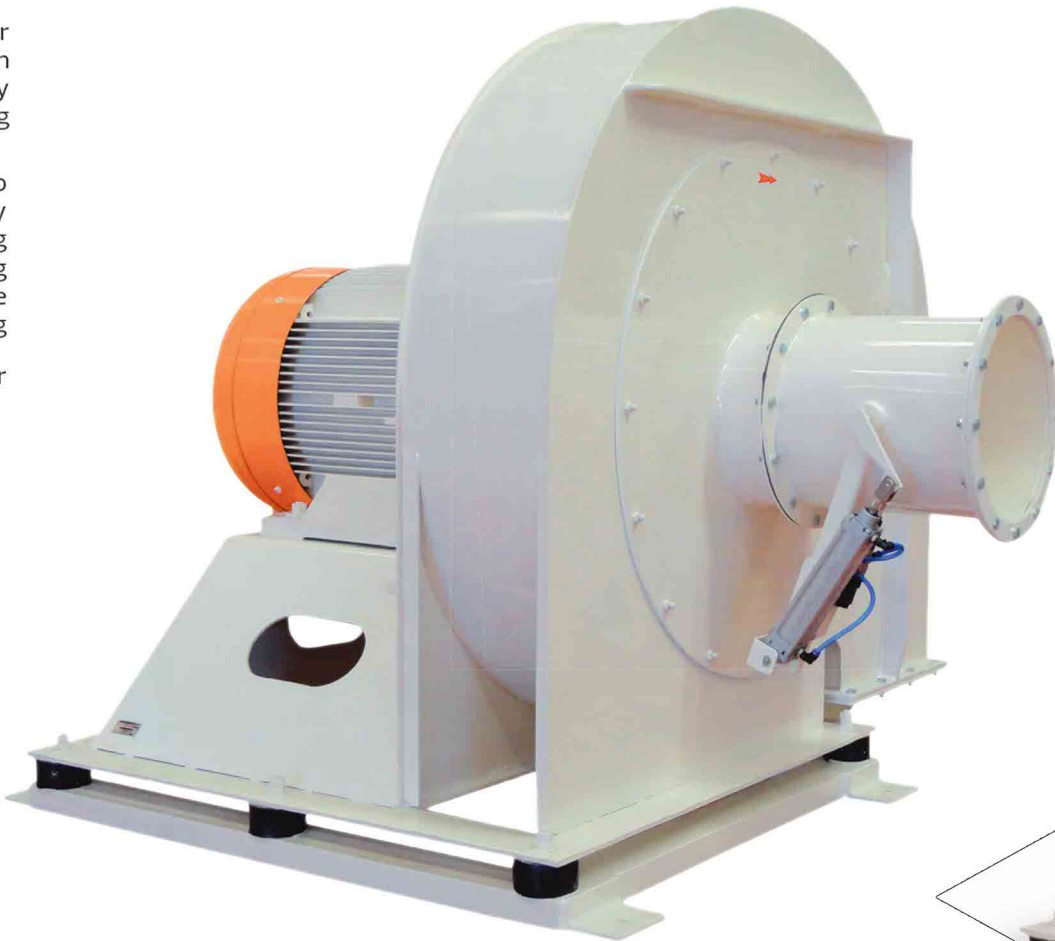
TYPE	DIMENSIONS (mm)						Pressur mm Aq	Debi m³/min	MOTOR			Approx Weight Kg.		
	A	B	C	D	E	F			CEI Standart	Kw	Rpm	Net	Gross	Package m³
50	240	510	165	405	770	410	8000	1,12	AGM 112 M4	4	1500	100	110	0,16
65	280	570	165	405	770	410	8000	3,15	AGM 132 M4	7,5	1500	120	130	0,18
80	310	660	220	475	970	490	8000	4,88	AGM 160 M4	11	1500	200	213	0,30
100	365	785	220	475	970	490	8000	9,04	AGM 180 M4	18,5	1500	230	245	0,36
125	440	925	310	615	1230	655	8000	17,62	GM 200 L4	30	1500	450	467	0,70
150	495	1035	310	615	1230	655	8000	25,05	GM 225 S4	37	1500	500	518	0,78



Used for transferring products with air aspiration in food industries. They have high productivity and provide minimum energy consumption according to its working conditions.

Pneumatic Fans are chosen by according to flow meter and pressure values and its body types are determined by according to using places. Body (chassis) section manufacturing according to motor power. Direct couple type and V-belt in special bearing housing

type of pneumatic fans are available in our manufacturing designs.



TYPE	DIMENSIONS (mm)						Sta. Pressure mm WS	Air Need m³/h	MOTOR			Approx Weight Kg.		
GRSO - GRSA	A	B	C	D	E	OF			CEI Standart	Kw	Rpm	Net	Gross	Package m³
45	1415	1397	1300	820	230x300	350	1200	12000	GM 225 M2	45	3000	555	605	2,34
55	1415	1397	1300	820	230x300	350	1200	13000	GM 250 M2	55	3000	569	629	2,34
75	1415	1397	1300	820	280x350	350	1200	14000	GM 280 S2	75	3000	582	640	2,34
90	1415	1397	1300	820	300x350	400	1300	15000	GM 280 M2	90	3000	596	700	2,34
110	1415	1397	1300	820	300x350	400	1300	17100	GM 315 S2	110	3000	615	760	2,34
132	1565	1397	1300	845	350x400	450	1400	19200	GM 315 M2a	132	3000	640	820	2,34
160	1565	1397	1300	845	350x400	450	1400	21100	GM 315 M2b	160	3000	660	880	2,34

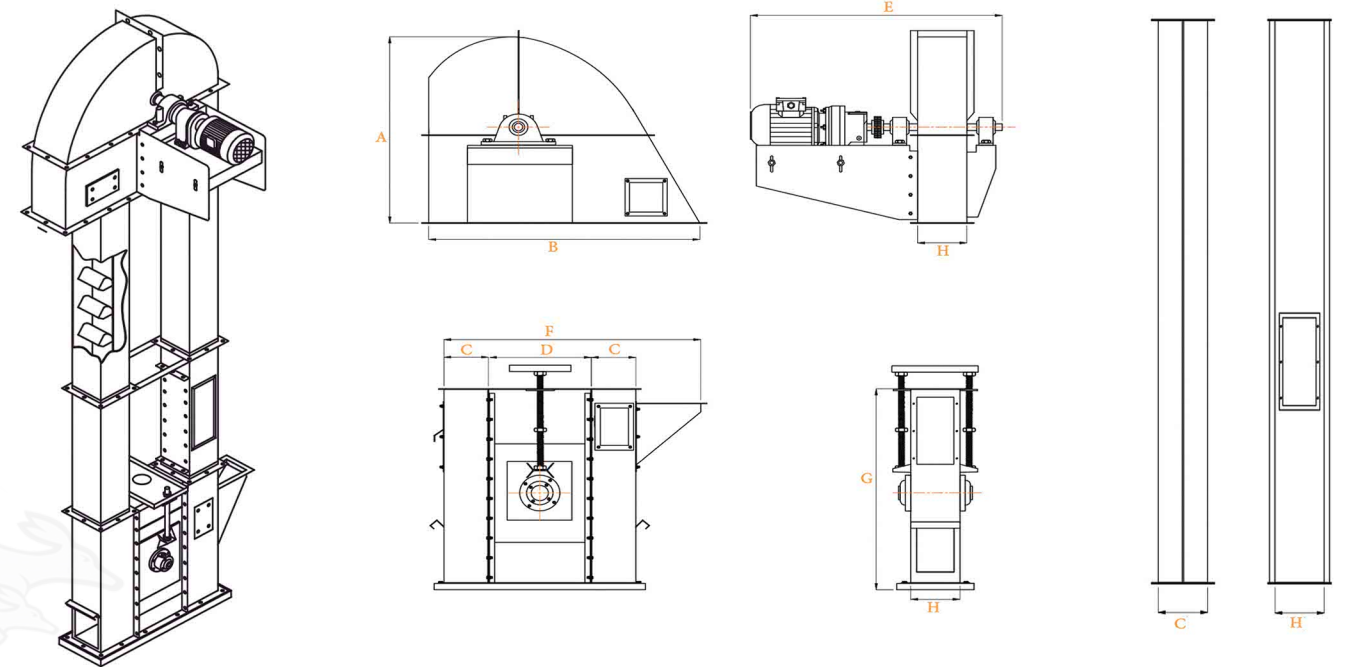


B



A

Elevator used for carrying out pulse and cereal etc. in vertical direction at mainly food industry. Machine is fully manufactured of steel construction and which works dustless ,silent, independent and coupled. Elevator is chosen for capacity, various types of special steel and plastic bucket to be connected depending on work ambient. Specially designed motor bracket suitable for every type of reducer motors and has advantages of having usage in each two directions. Speed adjustment control system , sensor and back return locking control units can be installed as require. Complete chrome (AISI 304) models are available optionally.



TYPE	DIMENSIONS (mm)								Rotor Diameter mm*mm	Belt mm.	Bucket mt. /5	CAPACITY Wheat max.t/h	CAPACITY Flour max. t/h	REDUCER MOTOR		
	A	B	C	D	E	F	G	H						CEI Standart	Kw	Rpm
160	550	770	160	300	795	920	630	160	300x140	120	110	8,5	5	MR 22-90 S/4	1,1	100
180	705	915	180	300	910	1000	740	180	301x160	140	1202	11	8	MR 272-100 L/46	3	100
200	720	955	200	350	1000	1050	785	200	400x180	160	140	15	10	MR 282-112 M/4	4	100
220	840	1090	220	400	1020	1140	890	220	400x200	180	160	18	14	MR 372-132 S/4	5,5	100
240	840	1120	240	450	1040	1280	895	240	500x220	200	180	22	18	MR 52-132 M/4	7,5	100
260	860	1170	260	500	1060	1370	910	260	500x240	220	200	26	20	MR 52-160 M/4	11	100
280	865	1210	280	540	1160	1500	970	280	500x260	240	220	32	26	MR 52-160 M/4	11	100
320	1005	1360	320	560	1170	1590	1075	320	600x300	280	240	36	28	MR 62-160 L/4	15	100
340	1010	1385	340	580	1190	1730	1075	340	600x320	300	260	42	32	MR 62-180 M/4	18,5	100
360	1010	1410	360	600	1310	1820	1080	360	600x340	320	280	50	34	MR 72-180 L/4	22	100
450	1026	1530	320	625	1490	1965	1095	450	600x420	360	320	80	50	MR 72-200 L/4	30	100

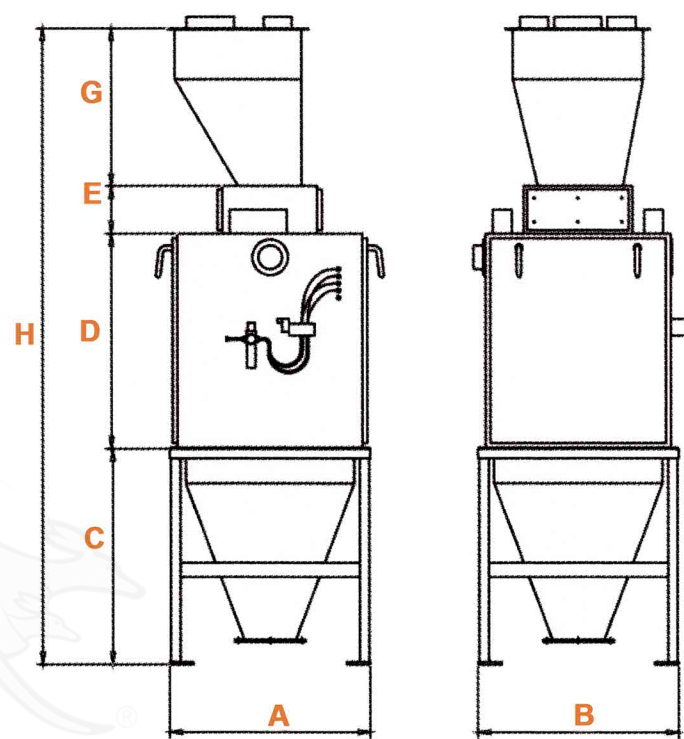
5-Packing and Sorter Section

Manufacturing





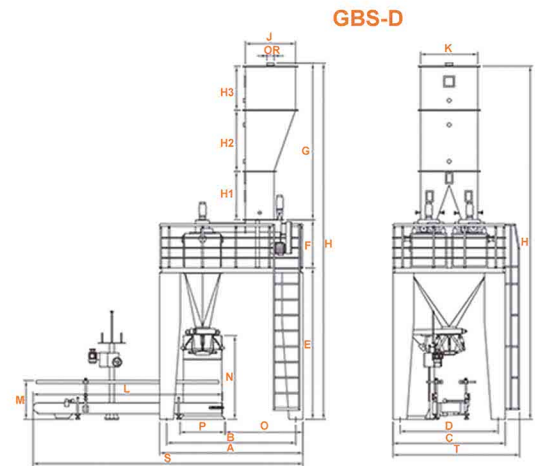
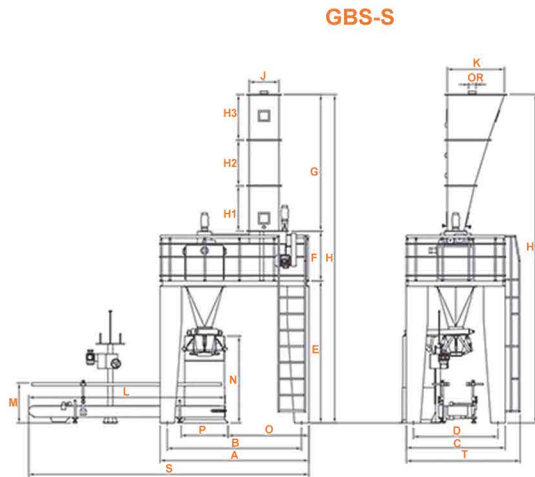
It is used for online monitoring of final products.
Different weighers are used for each kind of
obtained product. Extraction values are controlled
by PLC and reported as daily monthly and yearly.



TYPE	A	B	C	D	E	G	H	CAPACITY (t / h)				AIR		AIR REQUIREMENT (lt / dk - m / bar)	
								m3	WHEAT	FLOUR	BRAN	m3 / min	lt / dk	m / bar	
SERK 7	680	680	800	700	300	420	2220	0,058	12 - 18	6 - 8	2,5 - 4	8	60	5 - 6	
SERK 18	850	850	900	900	350	650	2800	0,17	20 - 30	15 - 20	8,5 - 10	10	60	5 - 6	
SERK 30	1050	1050	1000	920	400	800	3120	0,32	50 - 60	-	-	12	60	5 - 6	



Accurate weighing with two covers
Cleaning covers Loadcells Excellent
imperviousness on discharge on the
nozzle (s) Pneumatic vibrator
Possibility to connect to sticking
to avoid aspiration of product when
required

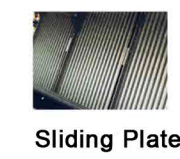
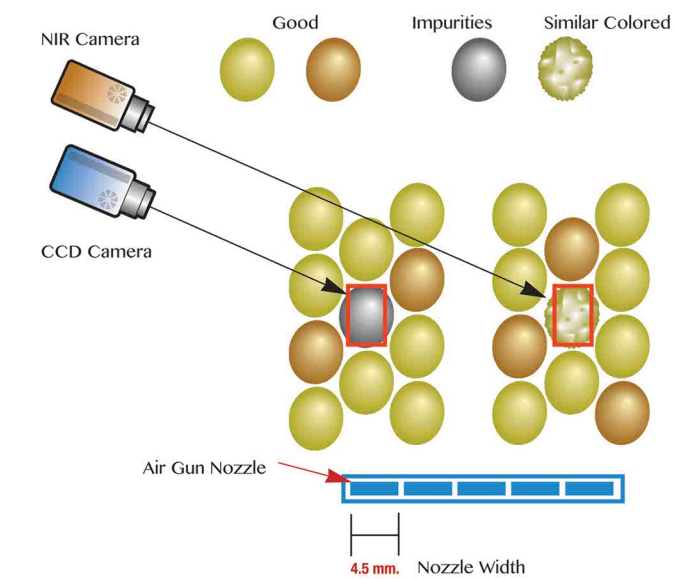
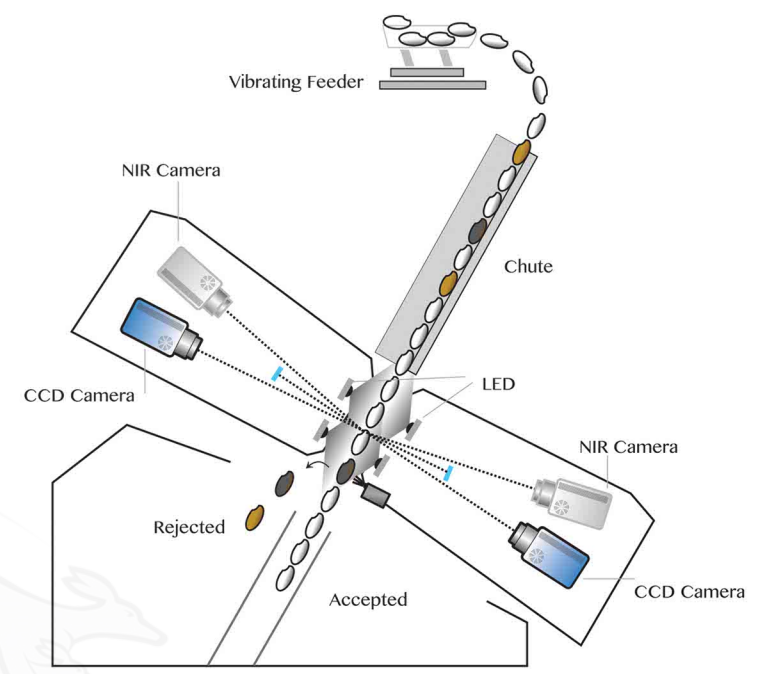


Dimensions (mm)																		
Model Type	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	OR	S	T
GBS-D	2998	2556	2348	1906	3103	979	3215	7296	1050	3965	3965	800	1715	1627	942	150	5645	2650
GBS-S	2998	2256	1998	1556	2803	979	2764	6546	600	1156	3965	800	1715	1630	942	150	5648	2298

	GBS-S	GBS-D
Bulk Material	FLOUR/ Legumes	FLOUR/ Legumes
Density	0.55kg/m3	0.55kg/m3
Maximum	55 kg	55 kg
Weighing range	25 -50 kg	25 -50 kg
Screen Resolution	1/60.000	1/60.000
Indicator Resolution	20 bit	20 bit
Sensitivity	between 0.001 - 0.003	between 0.001 - 0.003
Upper Bunker Capacity	1953 lt	2531 lt
Pan of Balance Cap	100 lt	2x100 lt
Output Capacity	8.750 - 15.000 kg/hour	13.750 - 25.000 kg/hour
Contact pieces	Steel alloy and standard RAL 7035 painting	Steel alloy and standard RAL 7035 painting
Pressurized Air	8 NL/ 5-6 Bar	8 NL/ 5-6 Bar
Electricity	400 V-AC /50-60 Hz + 10% - 12%	400 V-AC /50-60 Hz + 10% - 12%
Electricity Consumption	6.5 kw/ hour	10.3 kw/ hour
Protection	IP- 54	IP- 54
Aeration	6 m3/min. 0.01 Bar negative pressure (optional)	6 m3/min. 0.01 Bar negative pressure (optional)
Weighing per hour 25-50kg	350 - 300 units/ hour	550 - 500 units/ hour

GPS
ASCOM MAKINA SAN. Tic. Ltd. Sti
Manufacturing Production Lines

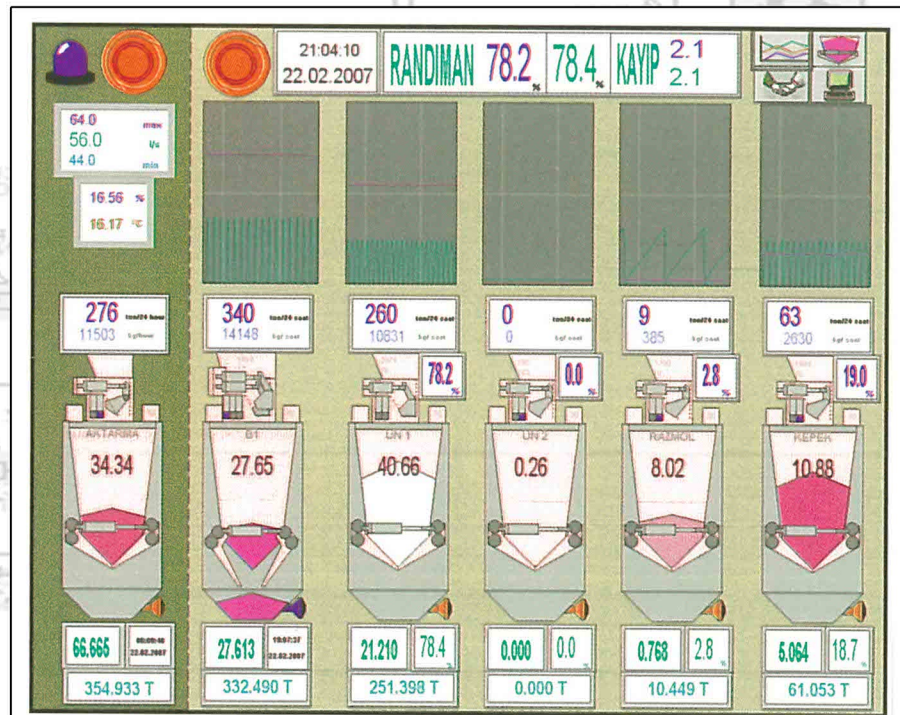
37 ▶ Color Sorter



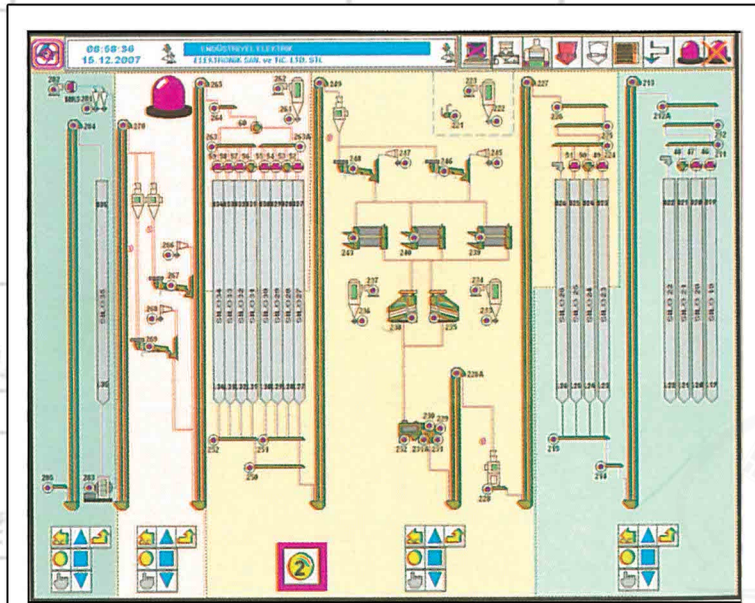
Product Code	R3/ R3L	R5/ R5L	R7/ R7L
Throughput (t/h)	2-8	3-15	4-21
Voltage (V)	180 - 240 (50Hz)	180 - 240 (50Hz)	180 - 240 (50Hz)
Power of Main Machine (KW)	1.8	2.9	3.5
Air Pressure (MPa)	0.6 - 0.8	0.6 - 0.8	0.6 - 0.8
Air Consumption (m/ min)	< 1.8	< 3.0	< 4.5
Dimension (LxWxH) (mm)	1455×1535×2142	2075×1535×2142	2625×1535×2142
Weight (kg)	910	1290	1600

6-Outside Construction and Electricity Section

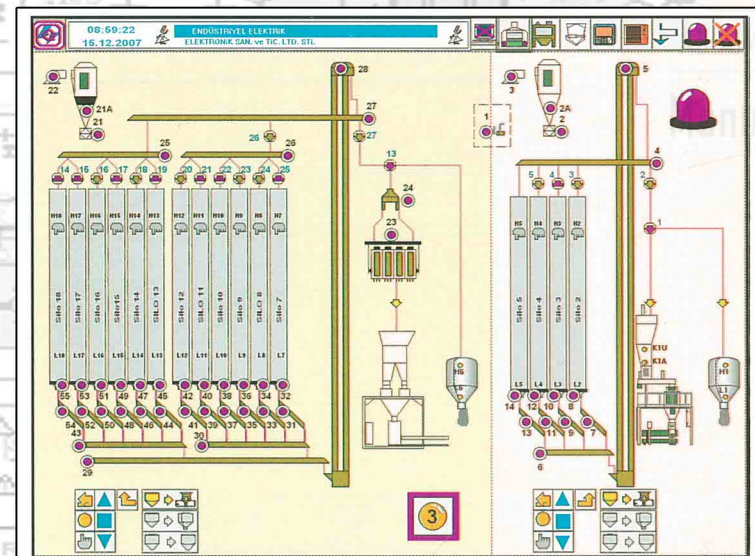




Extraction Rate Control Scada System



Cleaning Scada System



Pachaging Unit Scada System



MCC Command Control Panel



TRIPLEWEIGHING, 6-STATION CAROUSEL BAGGING SYSTEM PANEL



PLC Panel

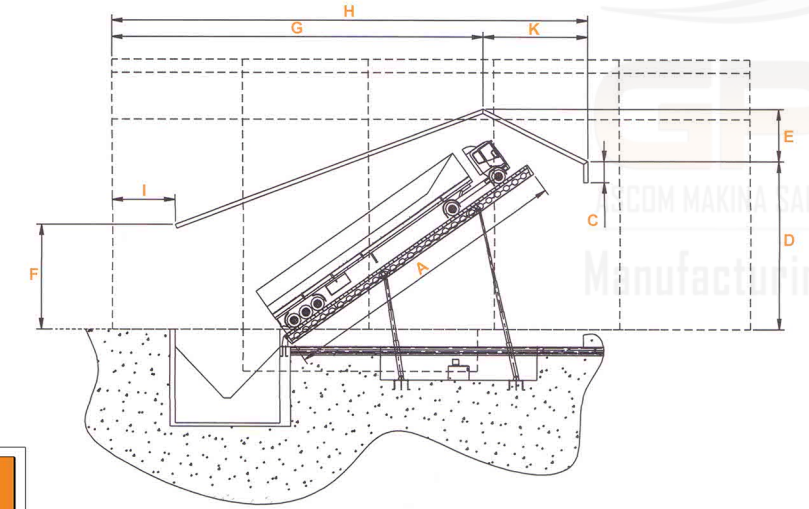


- 1- Vertical and horizontal building made from Iron
- 2- Storage Silo
- 3- Steel yard
- 4- Unloading Platforms

Forklift



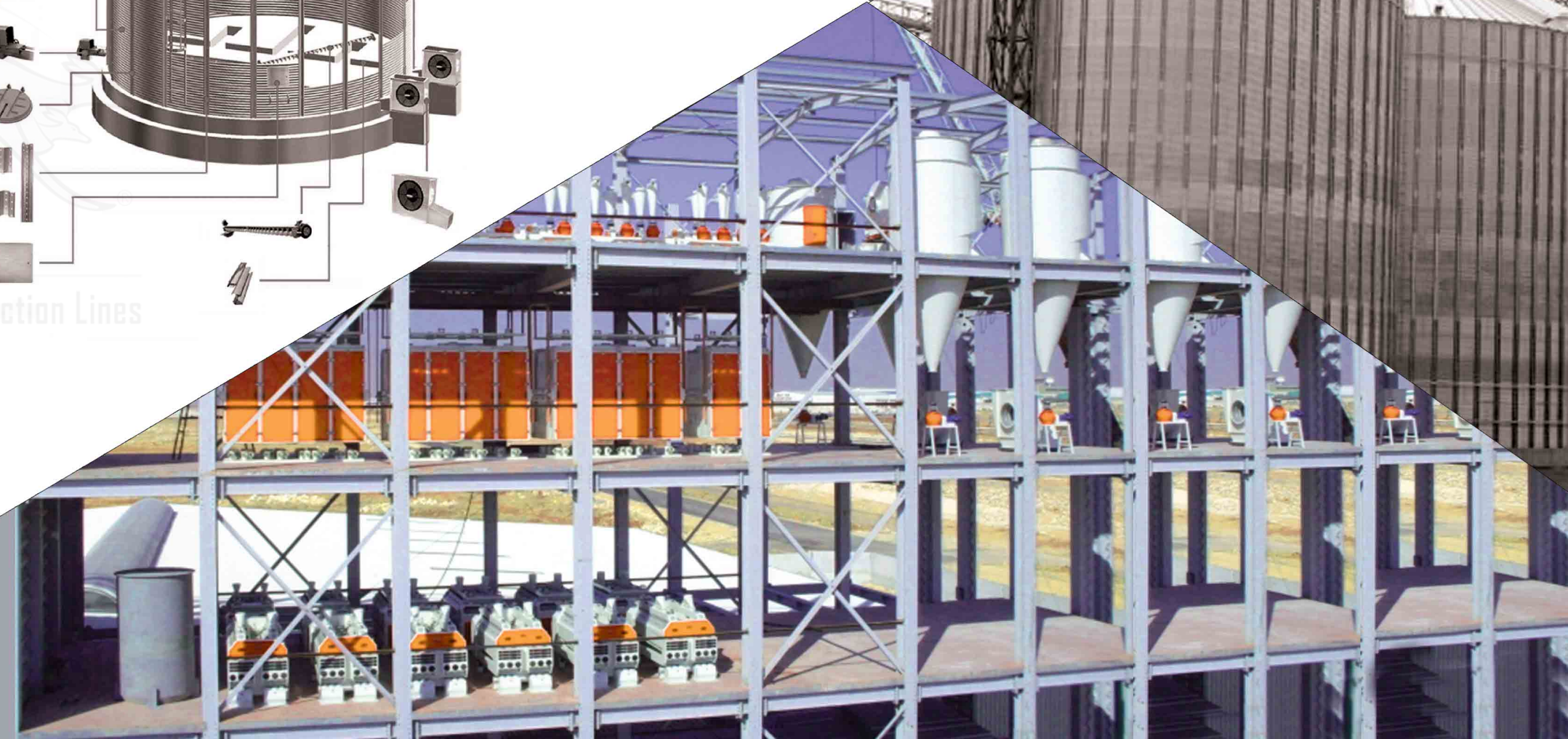
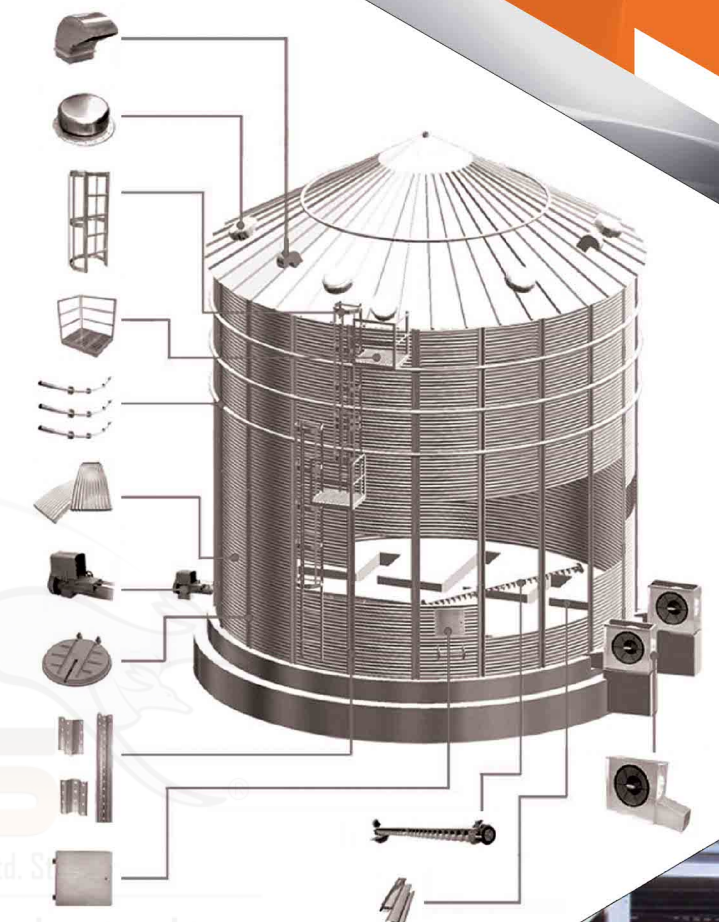
Balance Land Station



Truck Tipping Platform

Model Type	Electrical Motor		Dimensions (mm)									
	kw	d/dk rpm	A	B	C	D	E	F	G	H	I	K
GMK 3×9	7,5	1500	9000	3000	1000	7000	2000	5000	14000	19000	3000	5000
GMK 3×14	11	1500	14000	3000	1000	8000	3000	5000	18000	23000	3000	5000
GMK 3×16	15	1500	16000	3000	1000	9000	4000	5000	20000	25000	3000	5000
GMK 3×18	37	1500	18000	3000	1000	11000	6000	7000	-	-	-	-

Silo and construction





HEAD OFFICE

Los Angeles - California USA
George Nofal
Tel: +18187444574
Fax: +18182908504
usa@gps-ascom.com



EXECUTIVE OFFICE

Istanbul - Turkey
Hussien Sabsabi
Tel: +90 212 4910046
Fax: +90 212 4910042
Mob: +90 532 5884100
info@gps-ascom.com



After Sales Service:
Tel: +90 531 6751015



For Any Complaint:
Tel: +90 537 3682828

ARAB WORLD



Algeria - Algeria
Benbadra
Tel: +21345308295
Fax: +21345308293
algeria@gps-ascom.com



Cairo - Egypt
Hosaam Habsh
Tel: +20238244696
Fax: +20238244697
egypt@gps-ascom.com



Baghdad - Iraq
Adil Kazem Jared
Tel: +9647700837755
Fax: +9647902567237
iraq@gps-ascom.com



Arbil - Iraq
Mazen MARDINI
Tel: +9647510075168
Fax: +9647506087156
arbil.gps-ascom



Amman - Jordan
Mahmoud Muflih Alzoubi
Tel: +96265525017
Fax: +96265525047
jordan@gps-ascom.com



Kuwait - Kuwait
Wakas Tajar
Tel: +96522622952
Fax: +96522622952
kuwait@gps-ascom.com



Benghazi - Libya
Suliman Alrabie
Tel: +218912146581
Fax: +218614726851
libya@gps-ascom.com



Trapolus - Lebanon
Samer Al jamal
Tel: +9616381799 384/389
Fax: +96170205544
lebanon@gps-ascom.com



Nouakchott - Mauritania
Hasan Abass
Tel: +22246448678
Fax: +22245259723
mauritania@gps-ascom.com



Muscat - Oman
Mohammed Araar
Tel: +9714254588
Fax: +97142545592
uae@gps-ascom.com



Palestine - Palestine
Mohammed Nawaf Mosleh
Tel: +972597060708
Fax: +97082838195
palestine@gps-ascom.com



Doha - Qatar
Mohammed Kamand
Tel: +97455990669
Fax: +97434765342
qatar@gps-ascom.com



Khatoum - Sudan
Altaef Hussien Elyas Al Naeel
Tel: +249912304002
Fax: +249912172062
sudan@gps-ascom.com



Aleppo - Syria
Mahmmoud Kamand
Tel: +963212635892
Fax: +963212635892
syria@gps-ascom.com



Jeddah - Saudi Arabia
Mohammad Al harba
Tel: +966553331537
Fax: +966447462381
ksa@gps-ascom.com



Tunis - Tunis
Anis Jamoussi
Tel: +21671785157
Fax: +21671794434
tunis@gps-ascom.com



Dubai - UAE
Ayman Araar
Tel: +97142545588
Fax: +97142545592
uae@gps-ascom.com

AFRICA



Dakar - Senegal
Serigne mor mbacke sy
Tel: +221338501250
Fax: +221338501250
Senegal.gps-ascom.com



Ouagadougou - Burkina Faso
Abel Kabre
Tel: +2265030228
Fax: +2265030228
burkinaFaso.gps-ascom.com



Cotonou - Benin
Qais Rashwany
Tel: +0022996080505
Fax: +0022967000111
benin.gps-ascom.com



Abidjan - Cote D'ivoire
Chaur
Tel: +22508203737
Fax: +22521352959
cotedivoire@gps-ascom.com



Kinshase - Democratic Congo
Mohamed Ahmed Sheikh
Tel: +243971682456
Fax: +243971682578
congo@gps-ascom.com



Djibout - Djibout
Sahal Amarkak
Tel: +25377872200
Fax: +25377634218
djiboute@gps-ascom.com



Eaddis Ababa - Ethiopia
Green Plc
Tel: +251911201872
Fax: +251116477718
Mob: +251911612320
ethiopia@gps-ascom.com



Team - Ghana
Ghassan Krayem
Tel: +233302813347
Fax: +233302811658
ghana@gps-ascom.com



Nairobi - Kenya
Faisal Mohammed
Tel: +254724555565
Fax: +254723376891
kenya@gps-ascom.com



Lagos - Nigeria
Sulieaman Junaid
Tel: +2348037989132
Fax: +2348057327795
nigeria@gps-ascom.com



Mogadishu - Somalia
Ahmed Muhammad
Tel: +252615184585
Fax: +252715498561
somalia@gps-ascom.com



Juba - South Sudan
Suleyman Haji Abdalla
Tel: +256791467628
Fax: +256191354974
southsudan@gps-ascom.com



Pretoria - South Africa
Mohamed Hassan
Tel: +27824471835
Fax: +27827891345
southafrica@gps-ascom.com



Kampala - Uganda
Ahmed Abdikader
Tel: +256700937500
Fax: +256008356891
uganda@gps-ascom.com

EUROPE



Sofia - Bulgatia
Jimmy
Tel: +35932945616
Fax: +35932943217
bulgaria@gps-ascom.com



Helsinki - Finland
Shujaa Musse
Tel: +358972317330
Fax: +358972317332
finland@gps-ascom.com



Paris - France
Ayman Aktarini
Tel: +33147298227
Fax: +33147298226
france@gps-ascom.com



Athens - Greece
Demetri
Tel: +302109659587
Fax: +302109659134
greece@gps-ascom.com



Bucharest - Romania
Ninel
Tel: +40721686275
Fax: +40721682163
romania@gps-ascom.com



Stockholm - Sweden
Morhaf Wuiq
Tel: +46727150732
Fax: +46727837432
sweden@gps-ascom.com



Island of Ibiza - Spain
Imad Sabsabi
Tel: +3462837916
Fax: +3463642146
spain@gps-ascom.com

ASIA



Yiwu - China
Roza
Tel: +8615868968851
Fax: +8657985582645
china-yiwu@gps-ascom.com



Tahran - Iran
Siyamk Motaghi
Tel: +989121728188
Fax: +989121729122
iran@gps-ascom.com



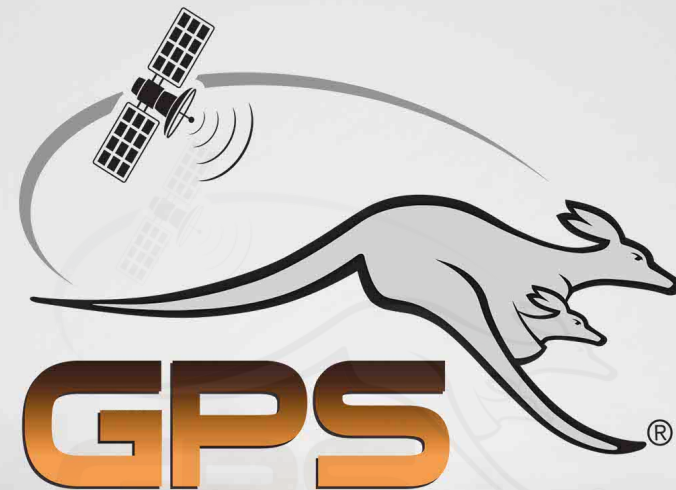
New Delhi - India
Kamal Gupta
Tel: +92255140462
Fax: +92255276582
india@gps-ascom.com



Almata - Kazakhstan
Sami Sabsabi
Tel: +77777898666
Fax: +77772559516
kazakhstan@gps-ascom.com



Moscow - Russia
Mosbah Sabsabi
Tel: +74999184250
Fax: +79859166633
russia@gps-ascom.com



ASCOM MAKINA SAN. Tic .Ltd. Sti

Manufacturing Production Lines



GPS-ASCOM