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Blok No. : 61, Bağcılar/ İstanbul,Türkiye

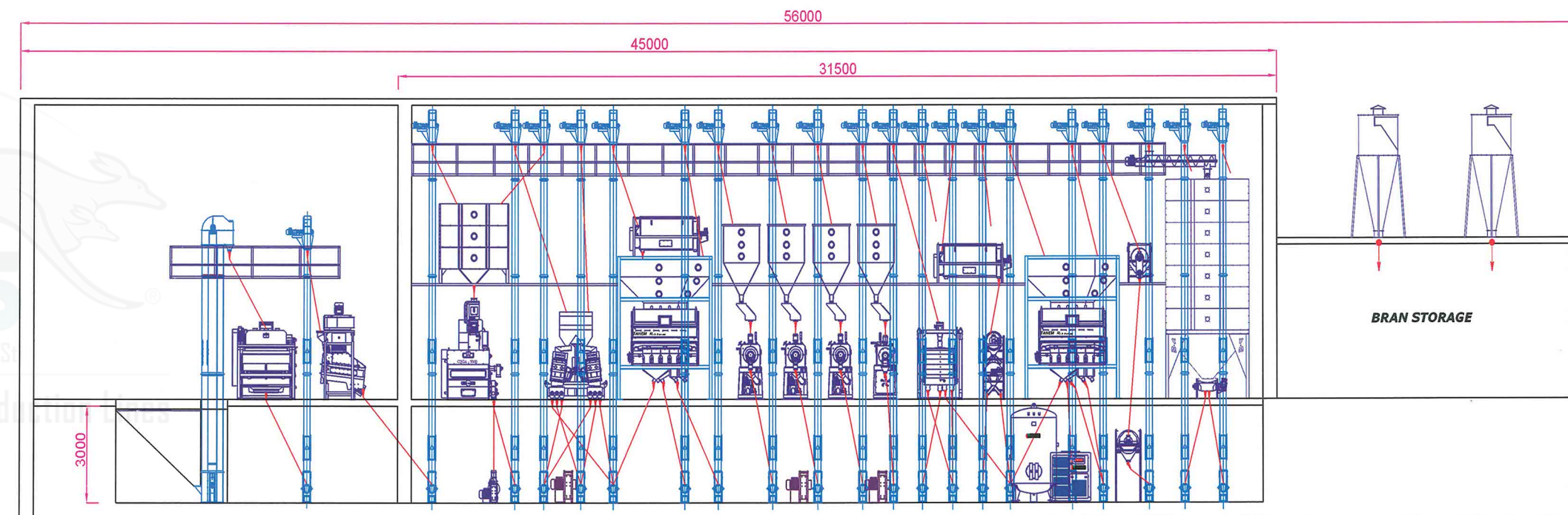
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RICE 
PRODUCTION LINE

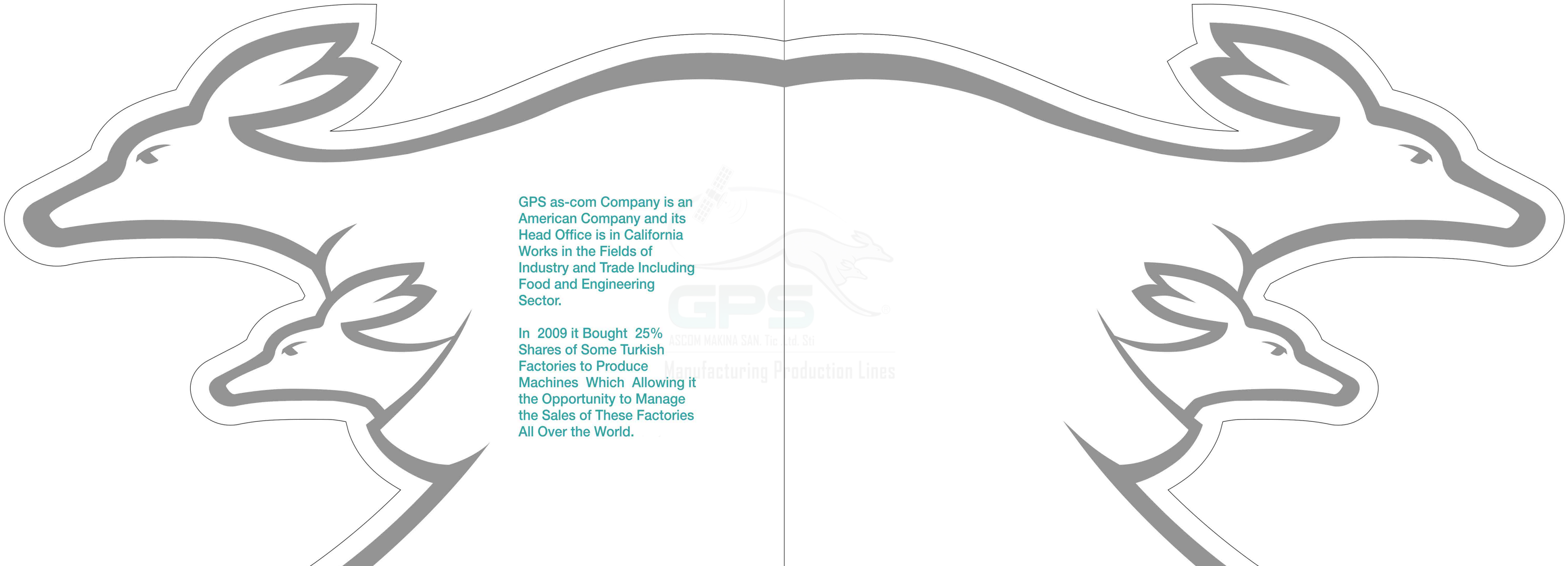


ASCOM MAKINA SAN. Tic .Ltd. Sti

Manufacturing Production Lines

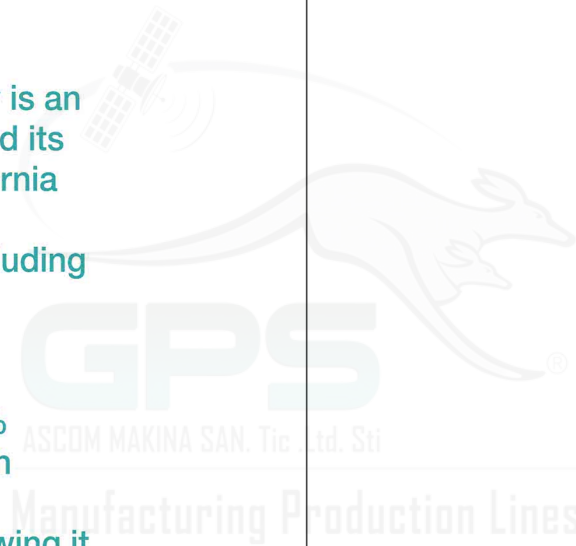






GPS as-com Company is an
American Company and its
Head Office is in California
Works in the Fields of
Industry and Trade Including
Food and Engineering
Sector.

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 Laboratory Section

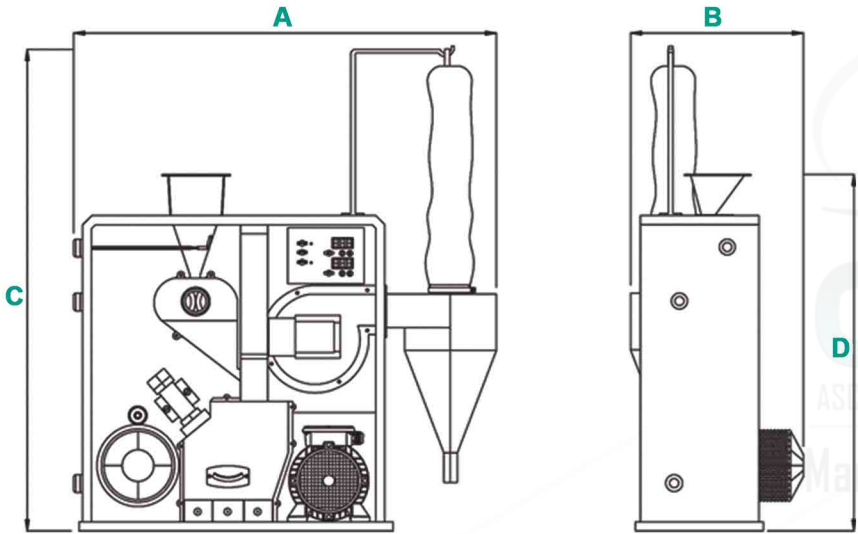


Machine Code	Tecnical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GRM 125 - 2T	100 gr	0,75 KW (mono)	985	365	1185	800	0,29	85

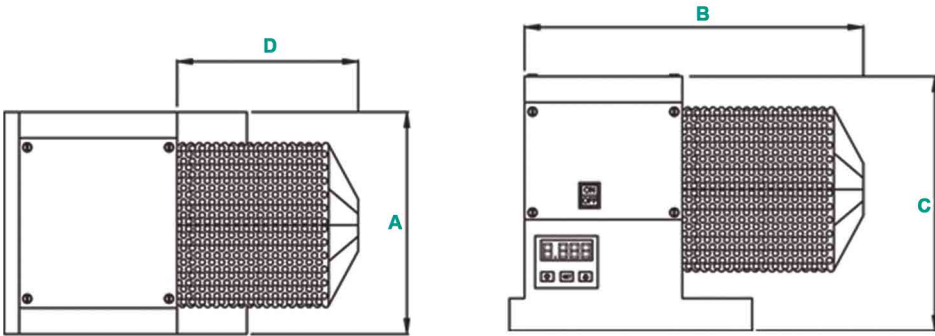
CRM 125-2T rice mill model has been developed to test the yields of the rice processing. Rice can show some differences in quality due to the external factors.



Paddy Quality GRM



Machine Code	Tecnical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GTM - 100	50 Gr.	50 W	260	340	270	165	0,024	13,5



It is designed to classify the rice according to its length or thickness. As it is portable equipment, It can be used both at laboratory and production.

Test Makina GTM

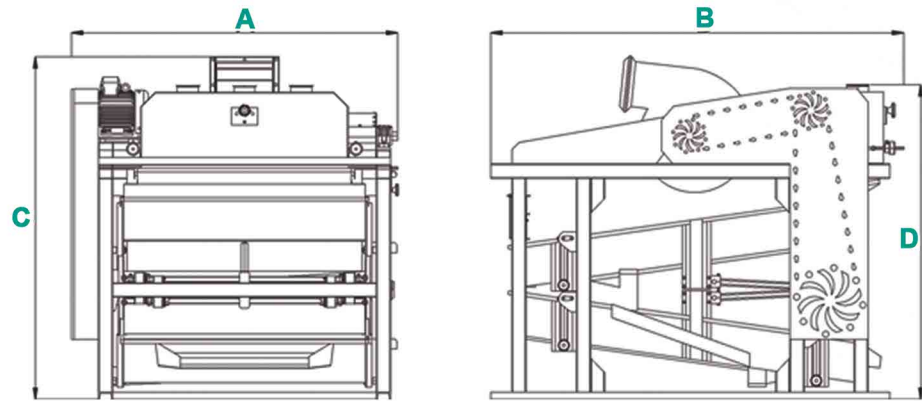


PRE-CLEANING
STOREY PADDY
GTM/ GKM



Machine Code	Tecical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GTM - 5000	5 - 10 ton / h	7,5 KW	2300	2800	2400	2200	15,50	1940

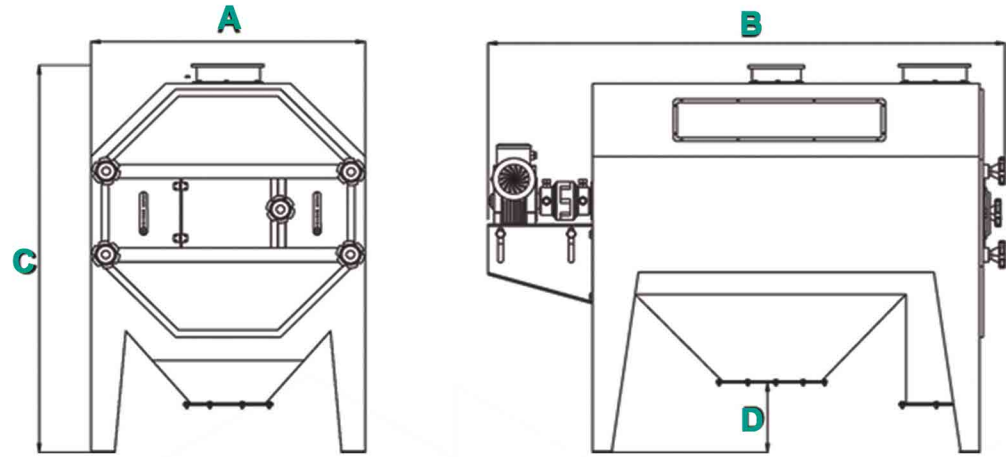
STOREY PADDY



Even though the paddy sieve machine is designed for paddy in general; the sieve numbers can be changed and they can be used also for other pulse machines.

Machine Code	Tecical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GKM - 1000	5-15 ton / h	1,1 KW	1000	2000	1500	180	3,00	360

PRE-CLEANING



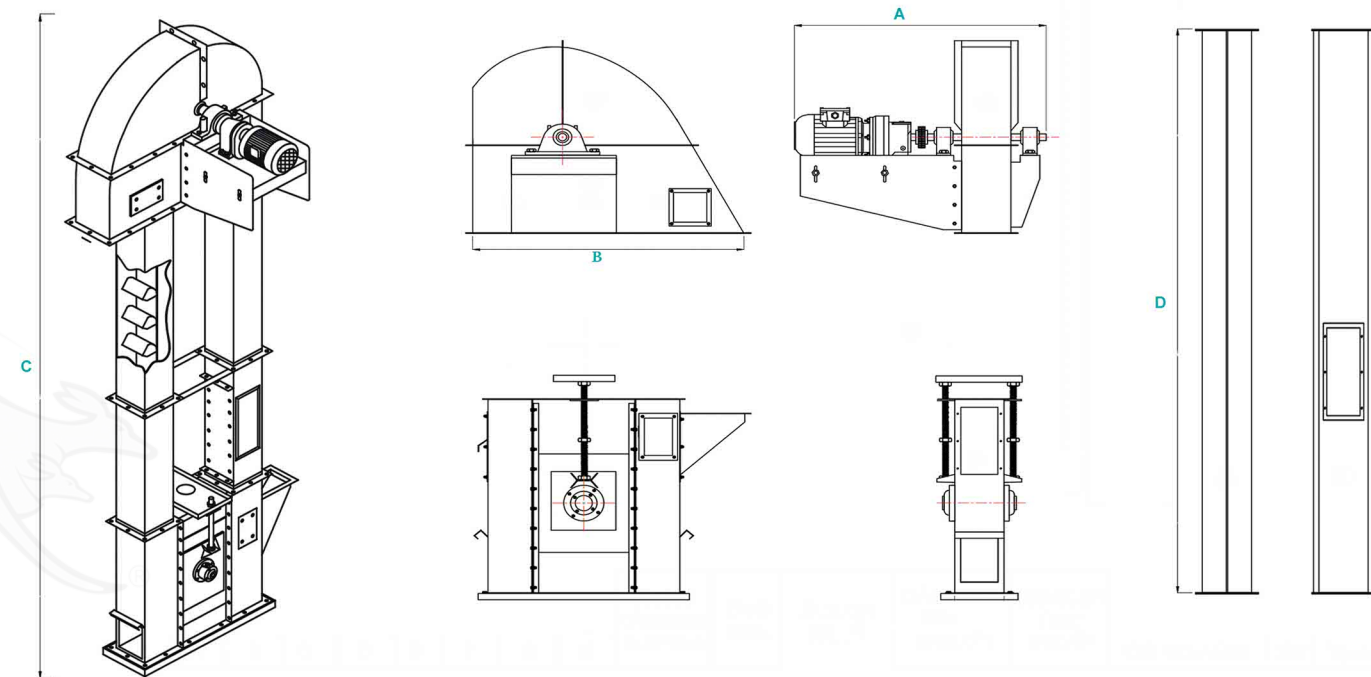
Pre-cleaning machine; it is designed and produced to separate trash and stem particles inside from the grain after harvest.

102



101

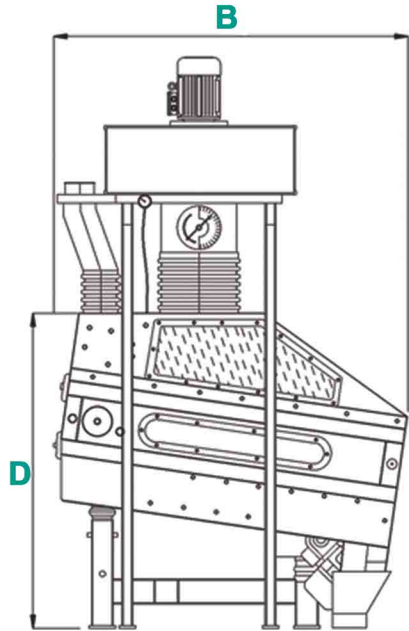
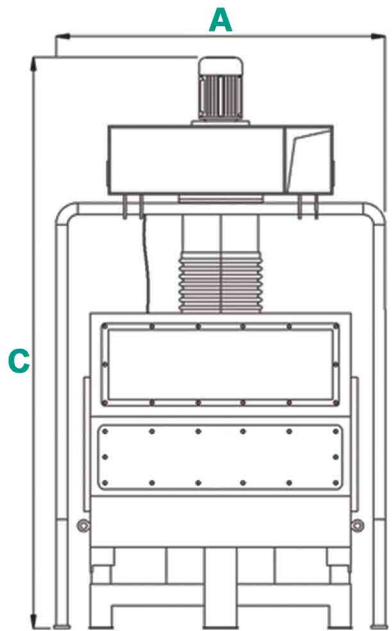
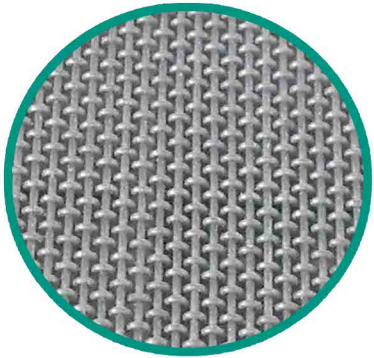
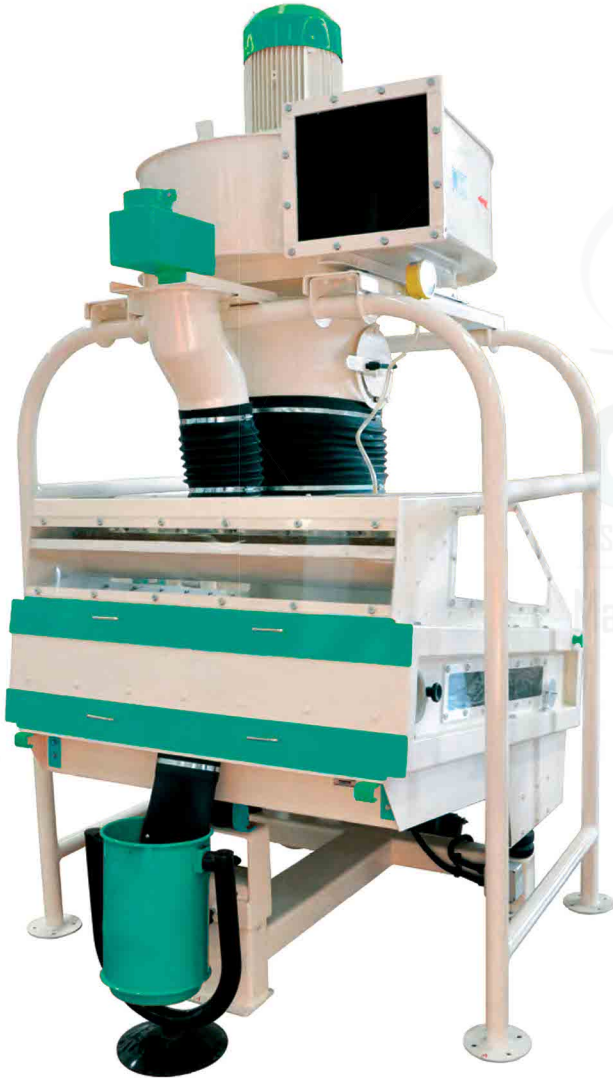
Elevator used for carrying out pulse and cereal etc. in vertical direction at mainly food industry. Machine is fully manufactured of steel construction and which works dustless ,silent, independent and coupled. Elevator is chosen for capacity, various types of special steel and plastic bucket to be connected 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.



Machine Code	Tecnical Specifications		Machine Dimensions				Volume M ³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GPDE - 6000	5 ton / h	1,1 KW	900	1400	Optionel	3000	5,50	760
GPDE - 10000	10 ton / h	2,2 KW	1250	1600	Optionel	3000	6,50	1150

6 ▶ **STONE SEPARATOR**
GPTA

Stone separator machines are used for cleaning the dry agriculture products such as paddy, wheat, lentil, nut etc. from the stone, sand and soil.



Machine Code	Tetical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GPTA - 5000	5 ton / h	0,70 KW + 15 KW	1600	1550	3050	1460	7,60	985



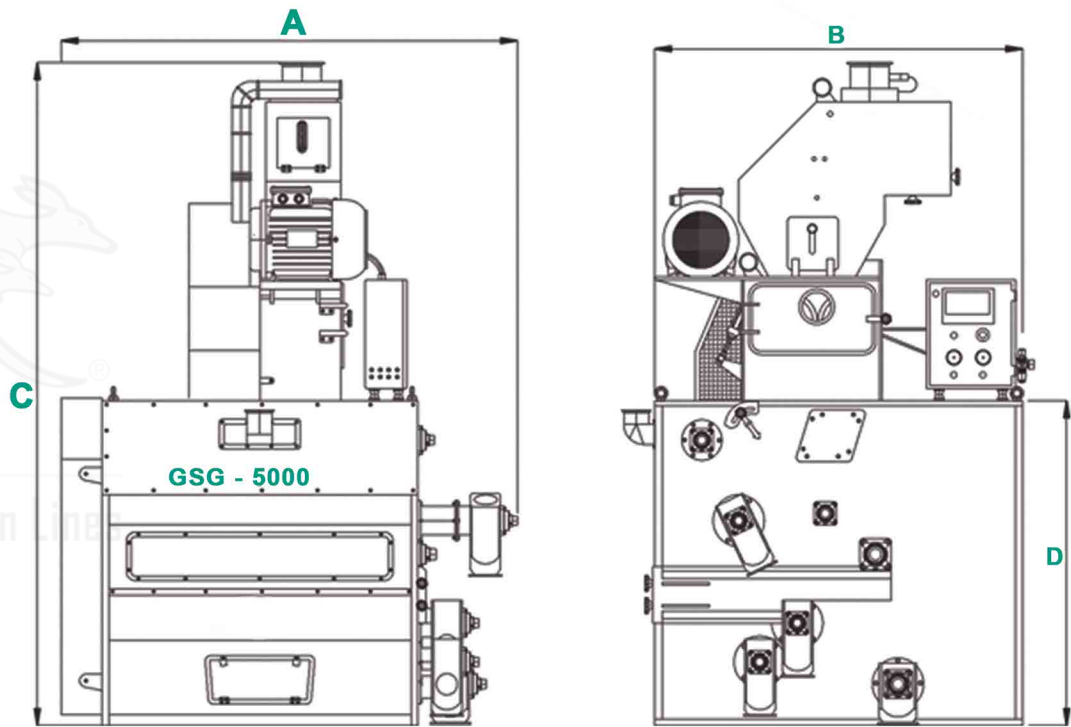
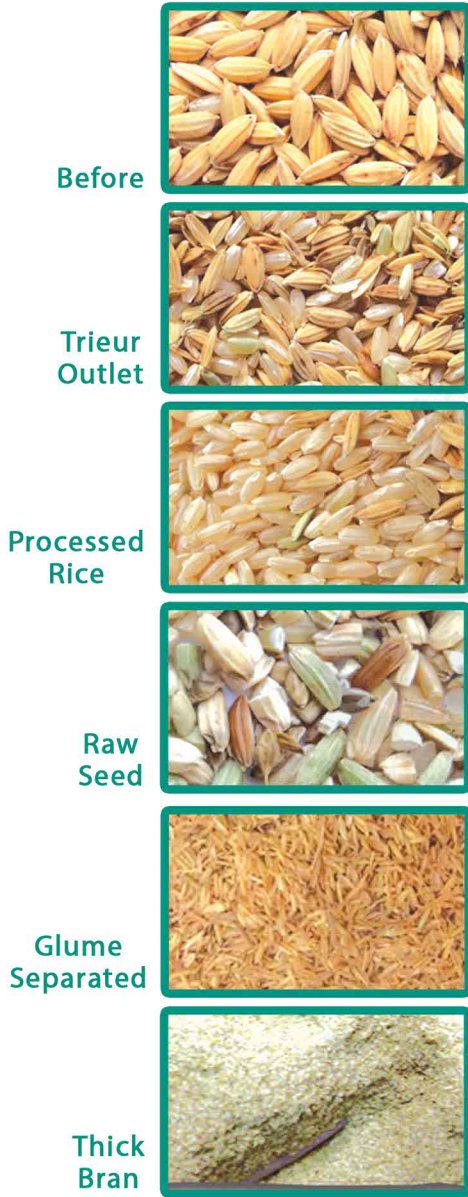


2-Peeling and polishing Section

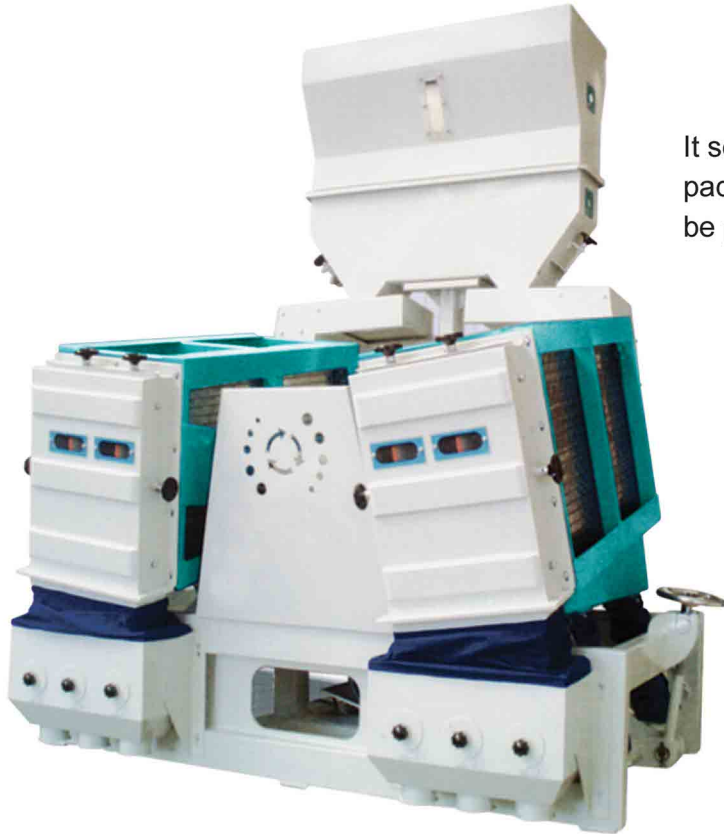


8 ► **Glume Aspirat
GSGA**

It is developed for who is looking for high capacity, combined machine at their Rice milling plant. The combined Paddy husker and chaff aspirator is perfect for modernizing your milling plant with low energy consumption, compact design, more production capacity and low maintenance cost.



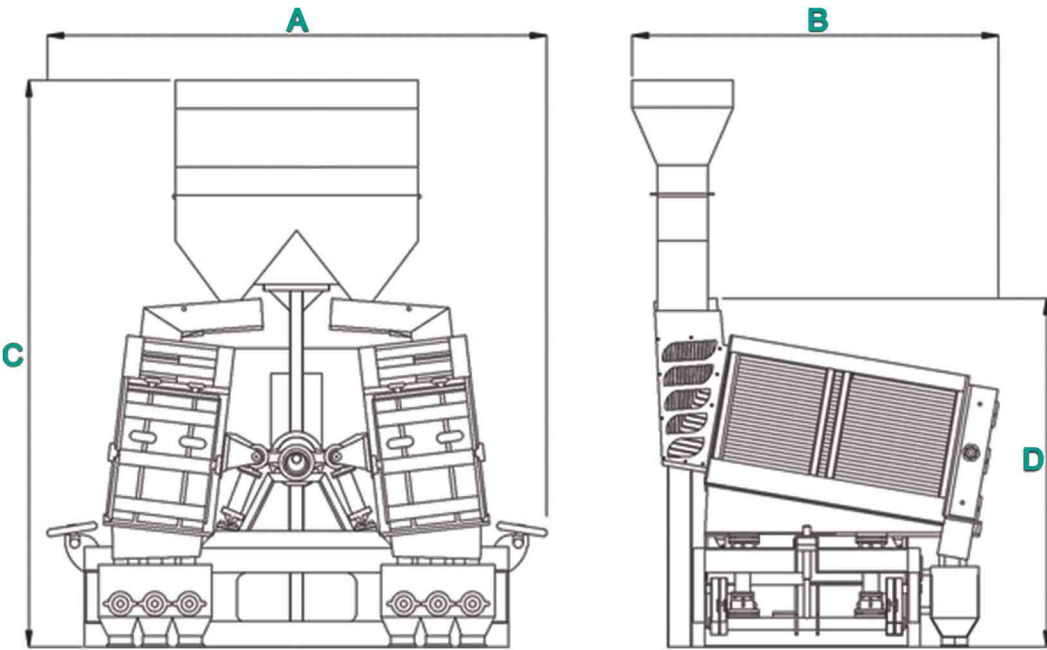
Machine Code	Tetical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GSGA -5000	5 - 7 ton / h	22,1 KW	2200	1760	3140	1520	12,15	1940



It separates and sends back the unpeeled paddy plants (in the rice) to the peeler to be processed again.



Machine Code	Tecnical Specifications		Machine Dimensions				Volume M ³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GVB - 8000	6 - 8 ton / h	2,2 KW	2300	1650	2820	1725	10,50	1460



10► MILKY PIECE TRIEUR
GKT/ GHT

GKT

Before

Milky Piece

After

GHT

Before

Milky Piece

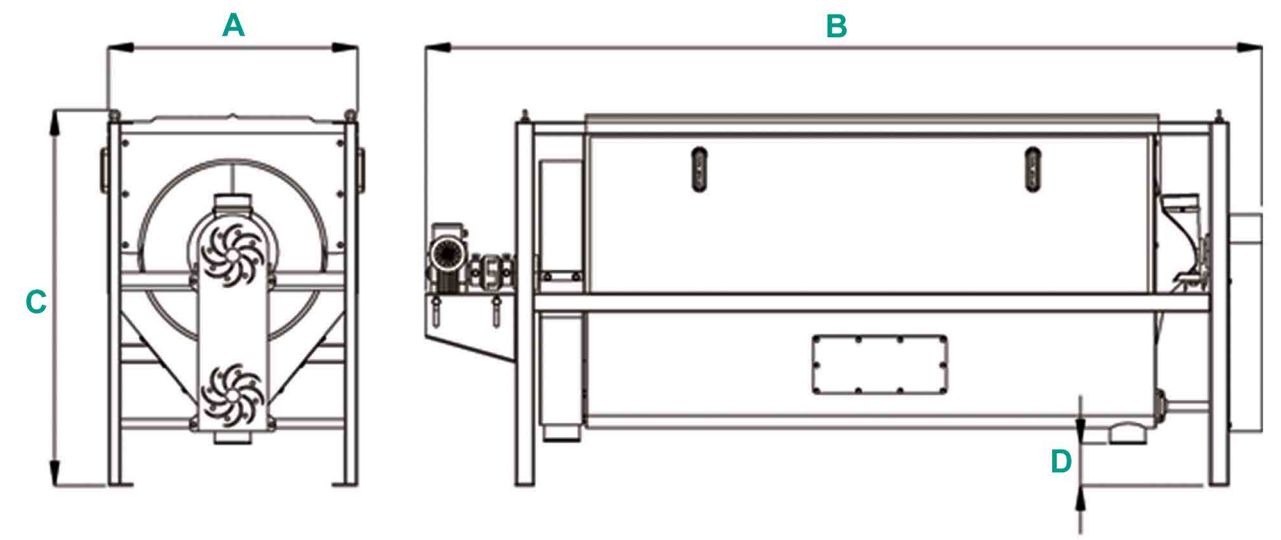
After

Raw Seed

Weak rice trieur machine is a machine which is used in distinguishing the thin and milky piece among the rice.



Machine Code	Tecical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GKT - 4500	4,5 ton / h	1,1 KW	830	2785	1215	150	2,85	440





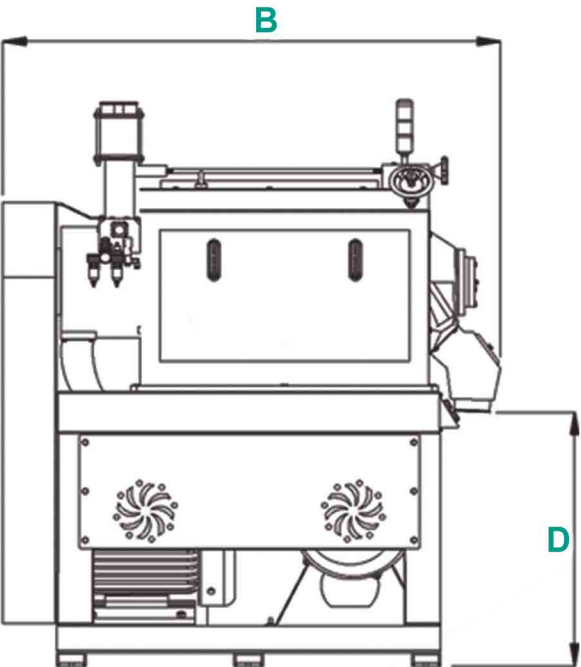
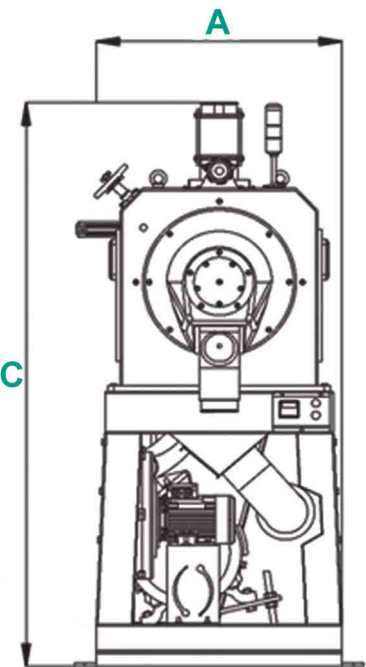
Horizontal stone machine is a machine which sandpapering and bleaching the integument and bran on the surface of the rice ;thanks to the ordered stone system which is ranged horizontal in the machine.



Machine Code	Tecical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GYT - 2500	2,5 ton / h	47,2 KW	850	1725	2020	900	2,95	1460



Horizontal Stonea

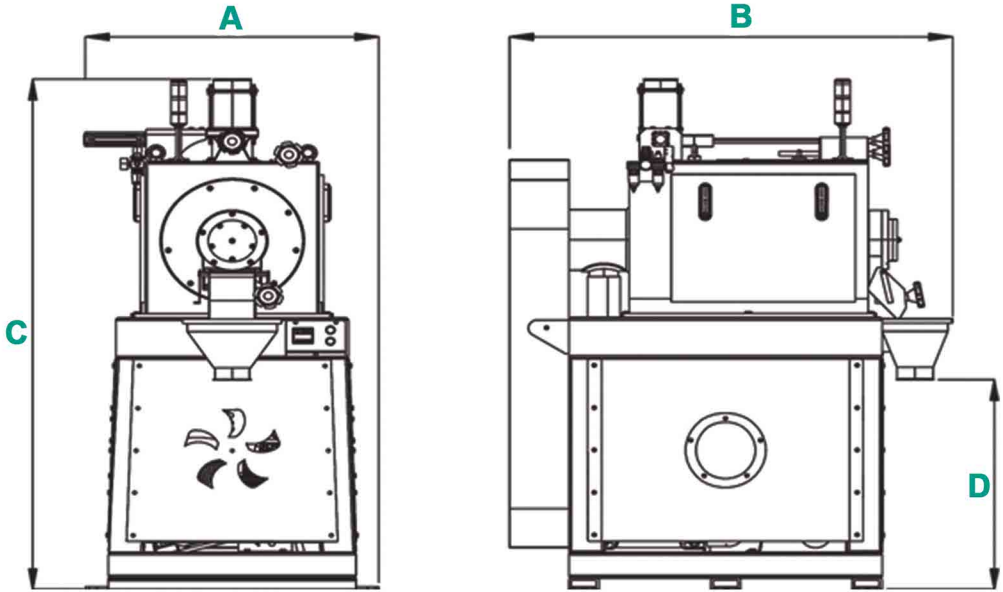




Pneumatic polish machines carry out the process of polishing the surface of the rice with the files in the paddy processing plants.



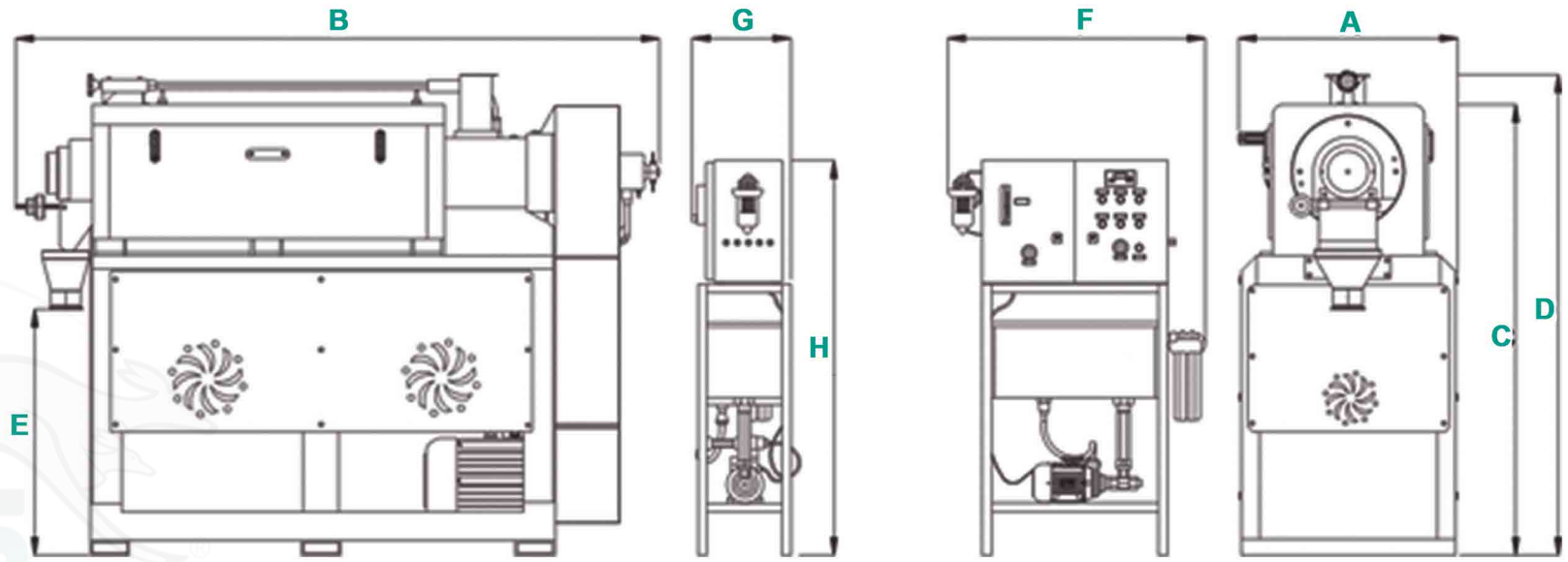
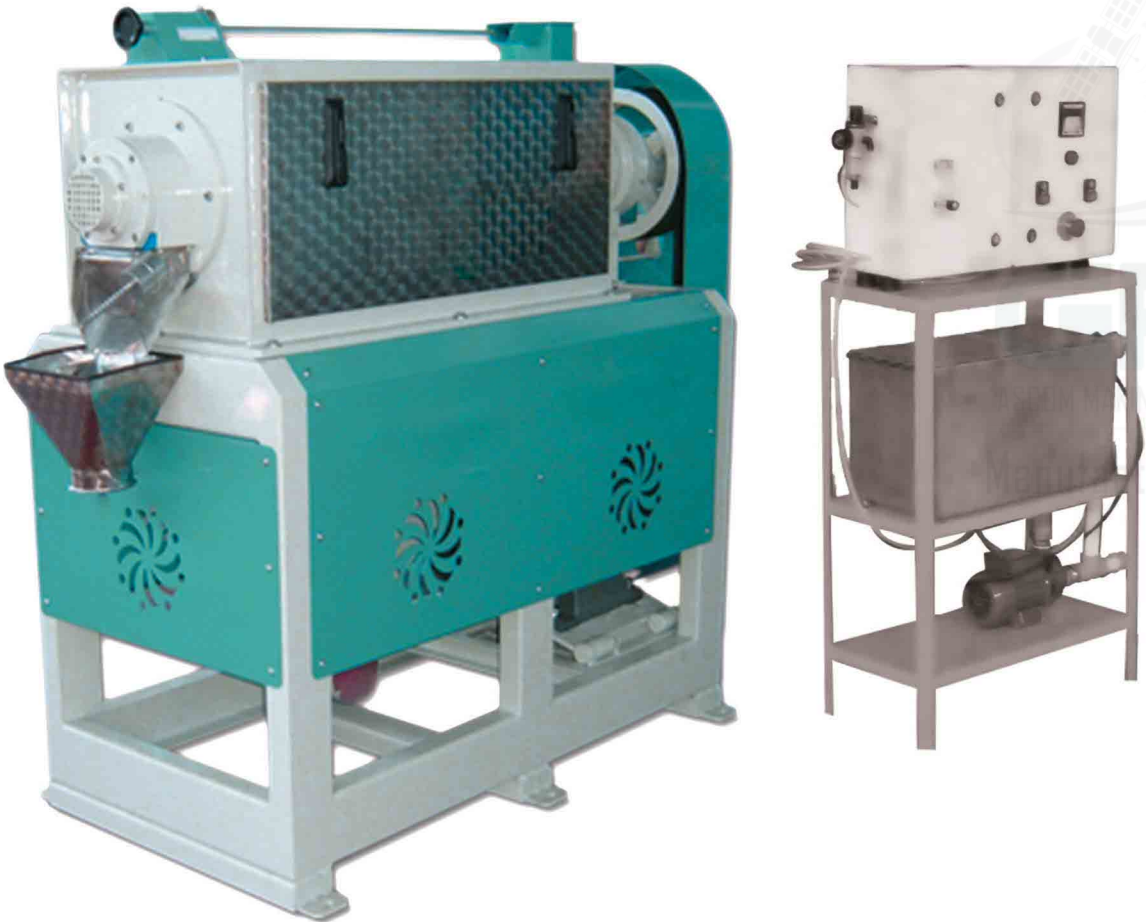
PNEUMATIC POLISH



Machine Code	Tetical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GHPM - 4500	4,5 ton / h	38,5 KW	830	1485	1987	820	2,50	1140

WATER POLISHER
GPM

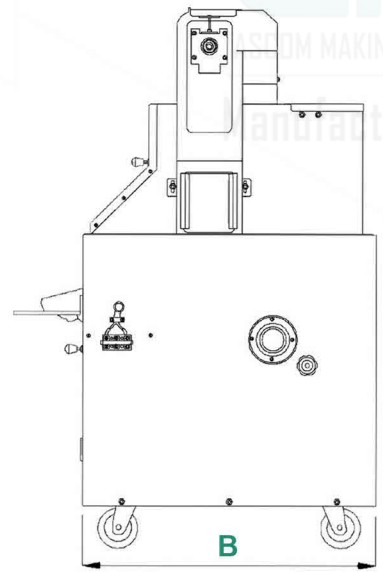
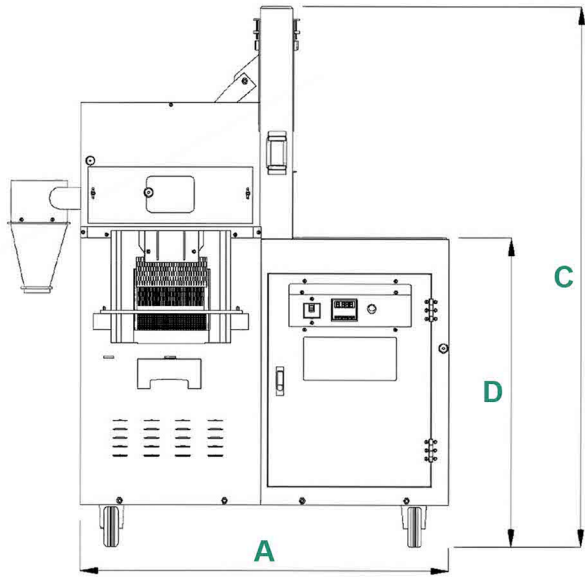
Ice, through a sanding process on Horizontal Whitening Stone machine for the receipt of rice bran. With this sanding process, surface of rice becomes nicked. In the following process the nicks fills with bran.



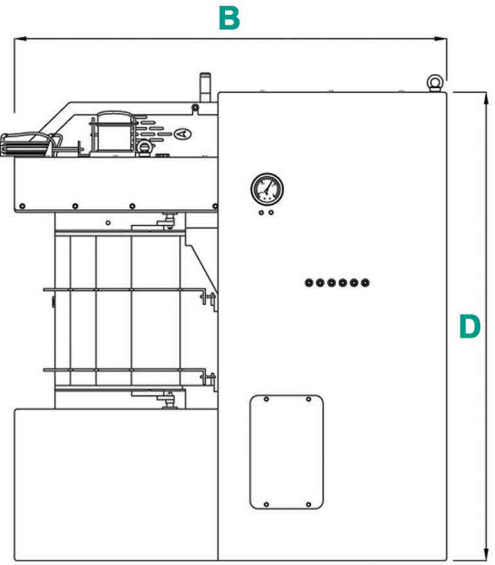
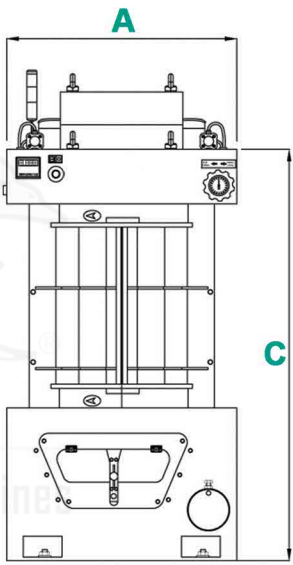
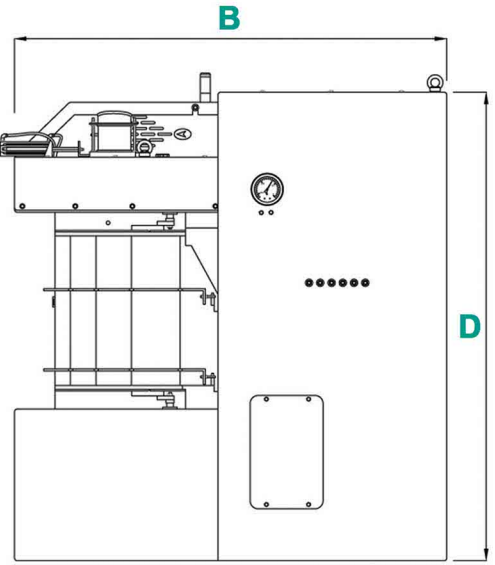
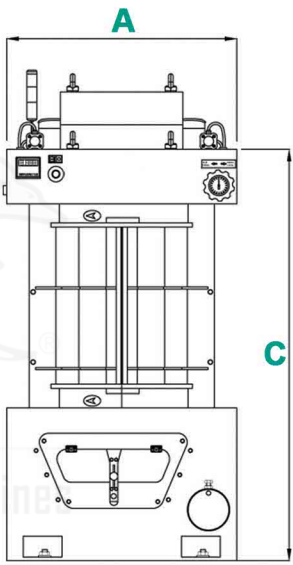
Machine Code	Tecical Specifications		Machine Dimensions								Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)		
GPM - 4500	4,5 ton / h	30 KW	300	2135	1600	1700	800	830	310	1330	3,70	1325

Machine Code	Tecnical Specifications		Machine Dimensions				Volume M ³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GCSP-250	250 kg	5HP, 1/3 HP	1060	825	1500	900	1.32	160

The machine can operate with a high capacity for long hour.
The machine has been developed to achieve higher capacity processing efficiency.
Screw type cooling fans in the machine inlet and outlet chamber are cooled stably.
The milling temperature is reduced to maintain the yield of the possessed rice.
The machine has 220 Volt electric system witch functionality can be used anywhere.
The capacity has increased for long-term operation.
The machine has enough pressure aspirator fan to move the husk to a remote location.
Processed rice output container of the machine has the opportunity to sack.
It has a feeding case of 40 Kg. paddy rice.



Vertical Rice Whitener machine is used in rice mills to whiten rice through hulling integument and bran on the surface of rice with emery rolls.



VERTICAL STONE



Before

Bran

After

Machine Code	Tecnical Specifications		Machine Dimensions				Volume M ³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GDT - 3000	2,5 ton / h	45 KW	800	1575	1700	1975	2,60	1380



Pave the Way
for success

3- Sorting, Filtering and Paking Section



17▶ **Plaster Rice Sieve**
GPEM

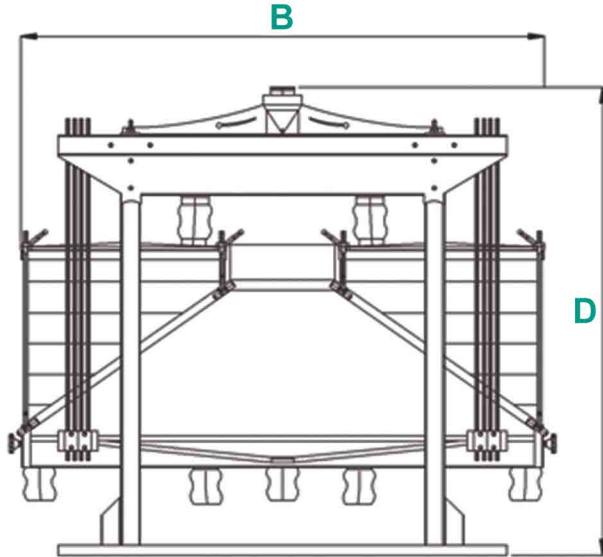
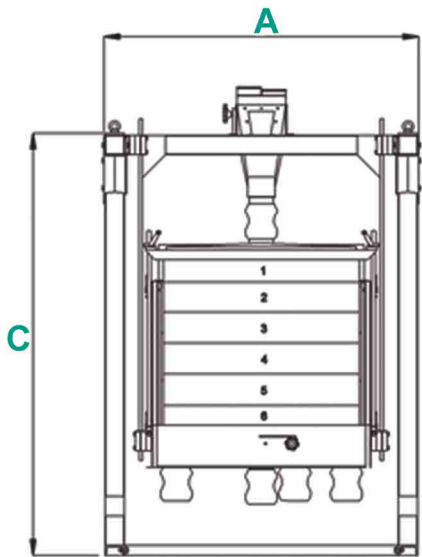


Plaster rice sieve machines are the machines which provide the rice to be classified as dust, sand, dust broken, zero broken, cutten broken and rice in the paddy processing plants.

Machine Code	Tecnical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GPEM - 4500	4,5 ton / h	3 KW	1600	2765	2160	2395	10,65	1520



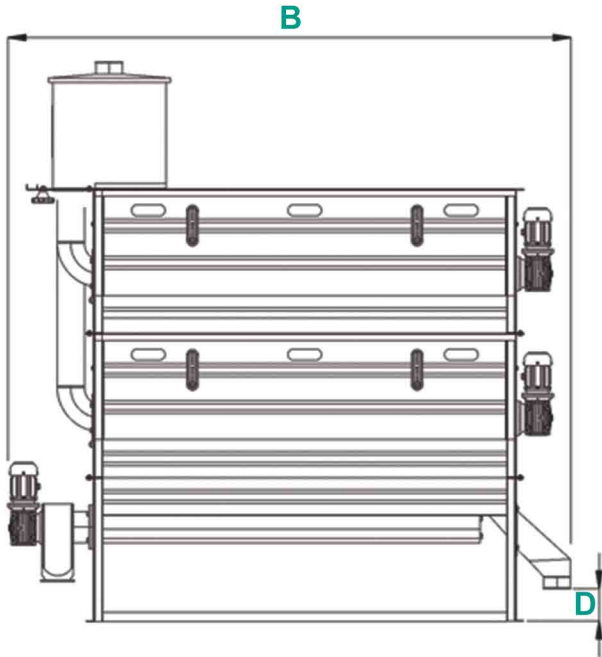
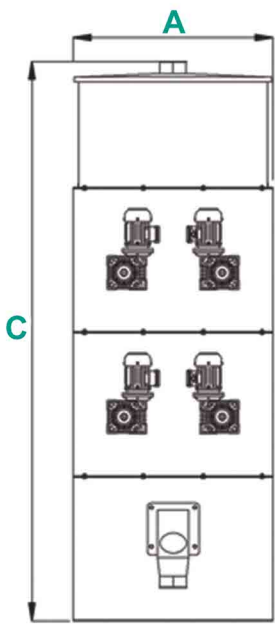
Plaster Rice Sieve





It is developed to sort the rice according to its width/thickness. We use this machine to separate raw seed, milky piece, broken and rice from each other. To make different kind of sorting, you need to change the sieve drum.

Machine Code	Tecical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GST - 4000	3,5 ton / h	2,75 KW	930	2450	2450	150	5,58	540



Machine Code	Tecnical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GYT - 4500	4,5 ton / h	1,1 KW	910	2770	1205	245	3,20	390

The product enters from the product entry reservoir and provides combination with the oil which comes from the oil tank in the hoop which turns 32 d/d in a minute.

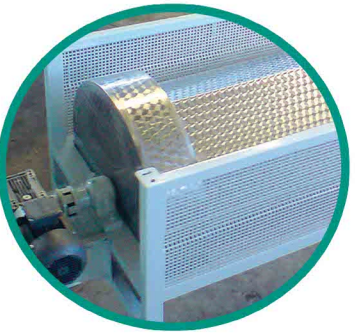


OILING MACHINE



Befor

After



Machine Code	Tecnical Specifications		Machine Dimensions				Volume M³	Weight Kg
	Capacity	Motor	A (mm)	B (mm)	C (mm)	D (mm)		
GGKT - 3000	1 ton / h	2,2 KW	760	2985	2100	2000	4,80	840



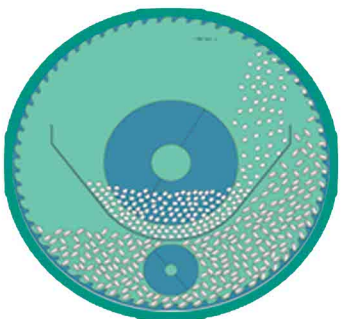
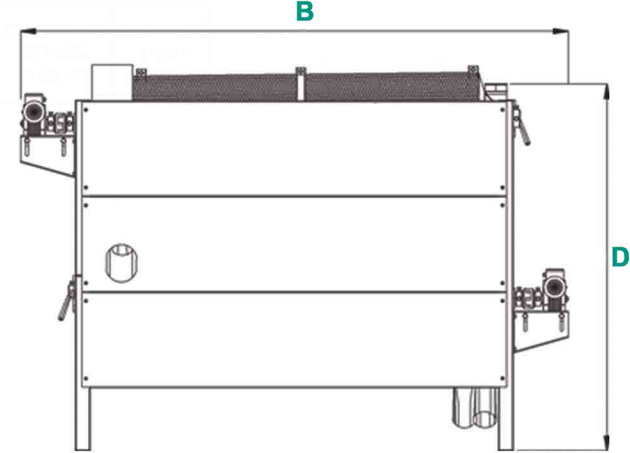
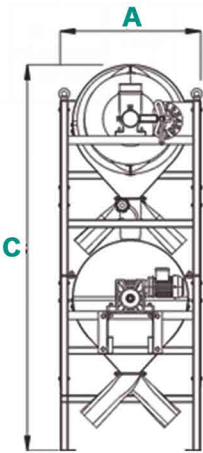
Befor

Broken Rice

After

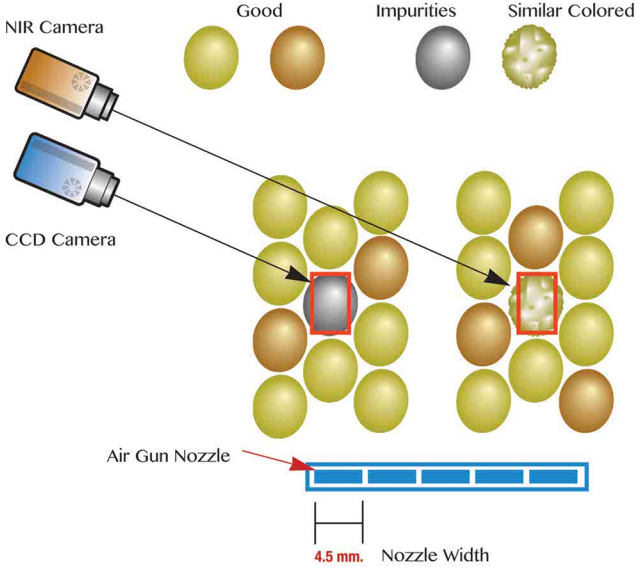
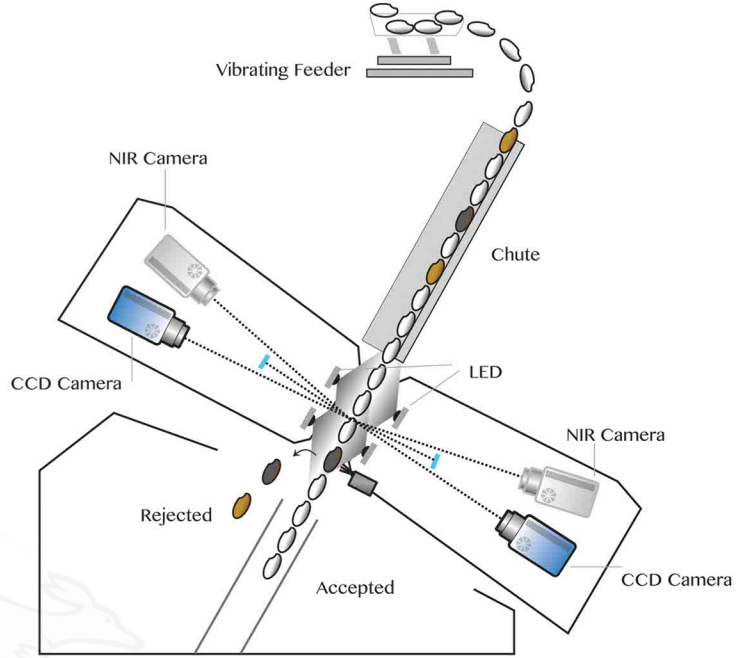


STOREY BROKEN

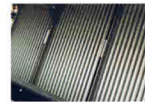




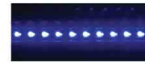
GPS-ASCOM



NIKON



Sliding Plates



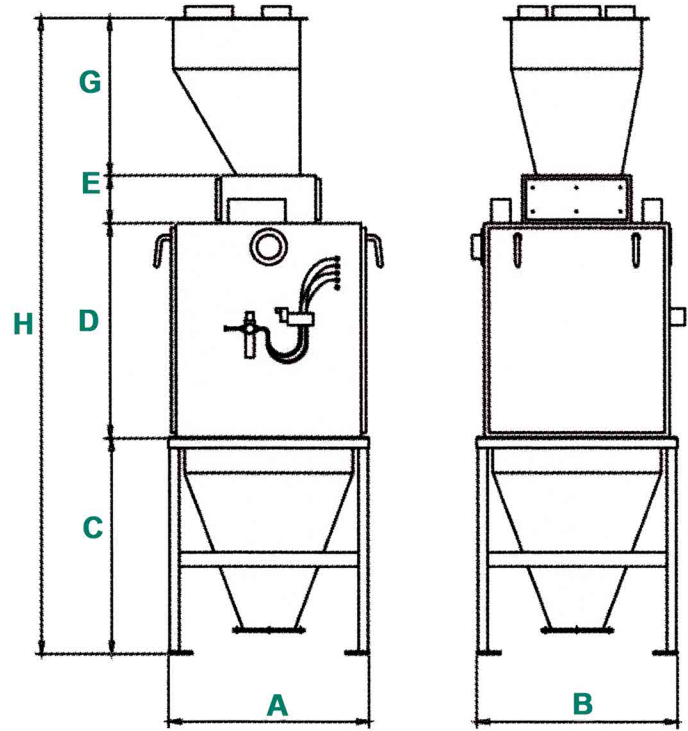
LED
LED Unlimited Guarantee

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

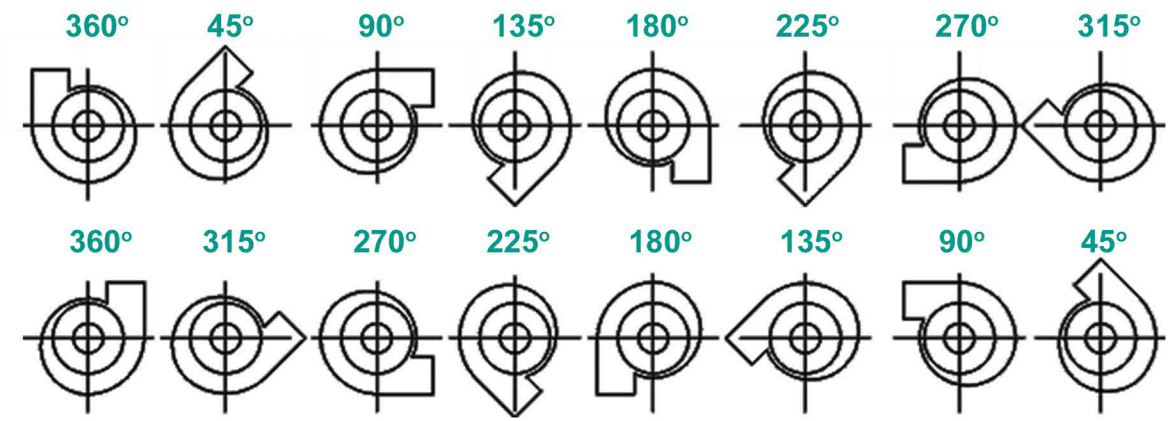
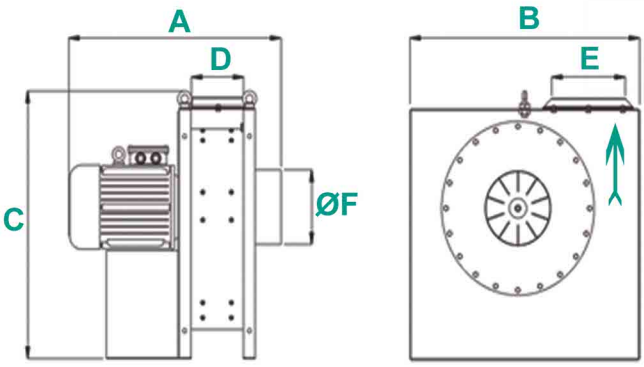
Process Weigher



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



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.

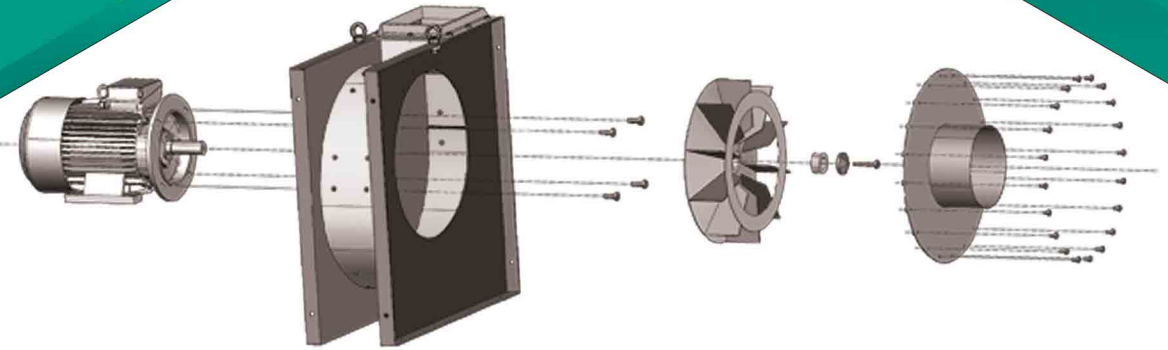


BRAN & DUST ASPIRATORS



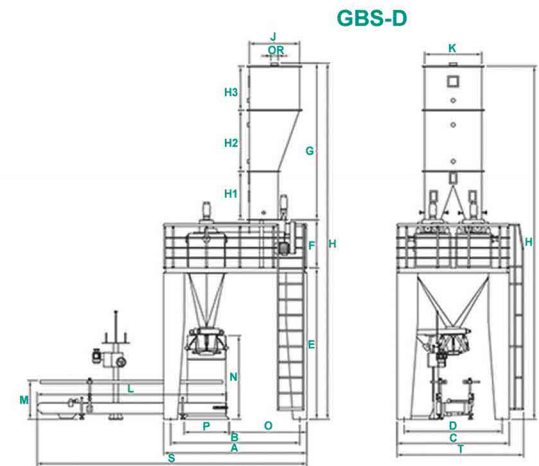
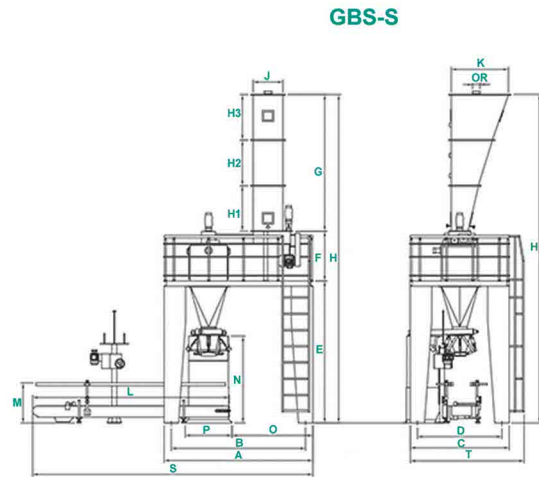
Machine Code	Machine Dimensions						Motor	
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	ØF (mm)	KW	D/D (rpm)
GTKA - 3000	500	630	600	140	160	150	3	3000
GTKA - 4000	550	710	670	160	200	170	4	3000
GTKA - 5500	650	750	750	180	240	200	5,5	3000
GTKA - 7500	650	800	850	180	250	200	7,5	3000
GTKA - 1100	850	880	890	210	280	220	11	3000
GTKA - 1500	900	950	950	220	320	350	15	3000

The bran and dust aspirators are used
in the aspiration of various machines
in the processing plants such as paddy,
wheat, semolina etc. products.



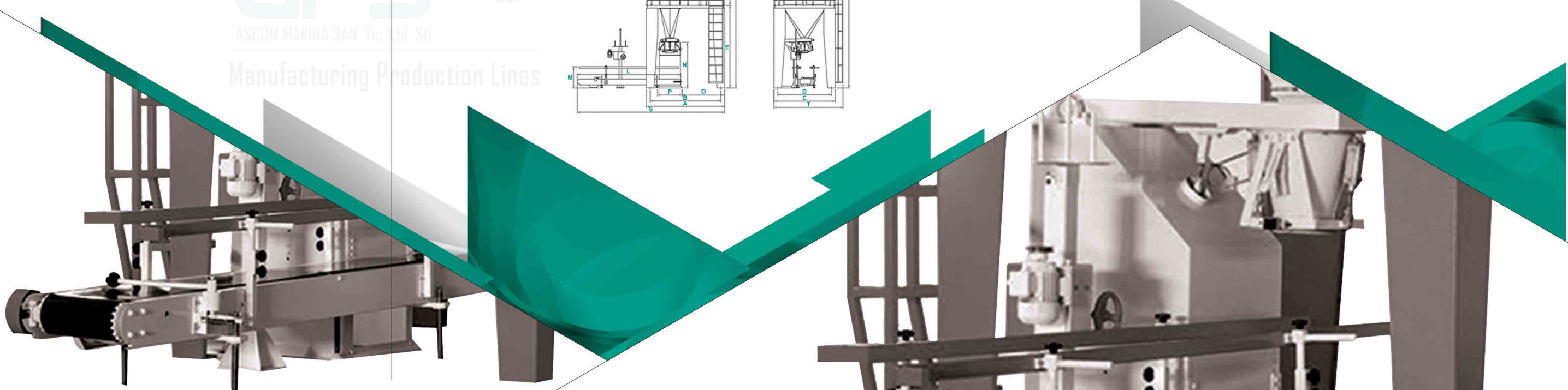


Accurate weighing with two covers
Cleaning covers Loadcells Excellent
imperviousness on discharge on the
nozzle (s) Pneumatic vibrator
Possibility to connect to sticking
to avoid aspiration of product when
required



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	FLOUR
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
Sensitivly	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

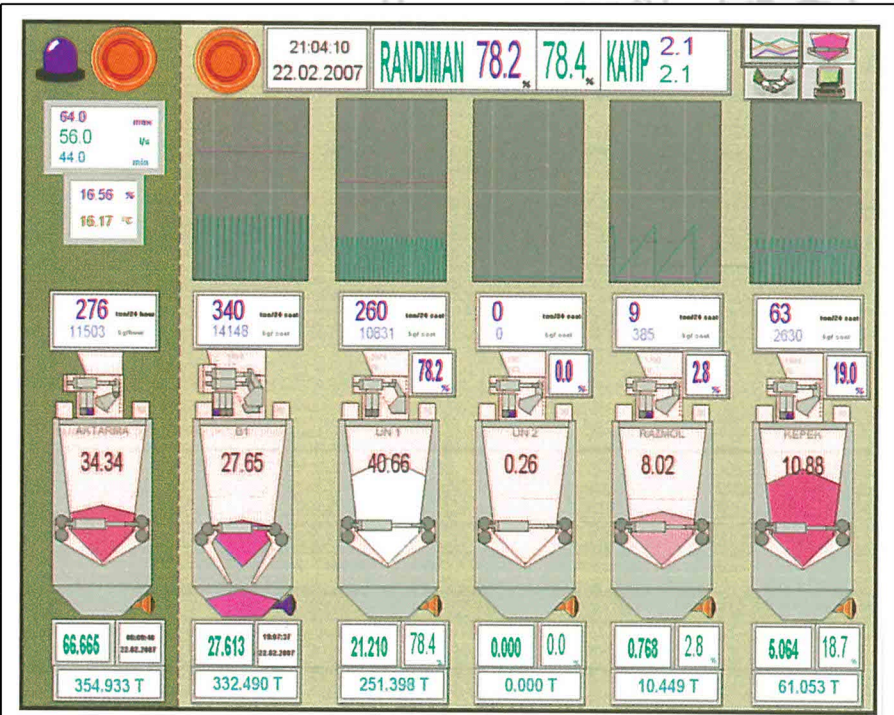




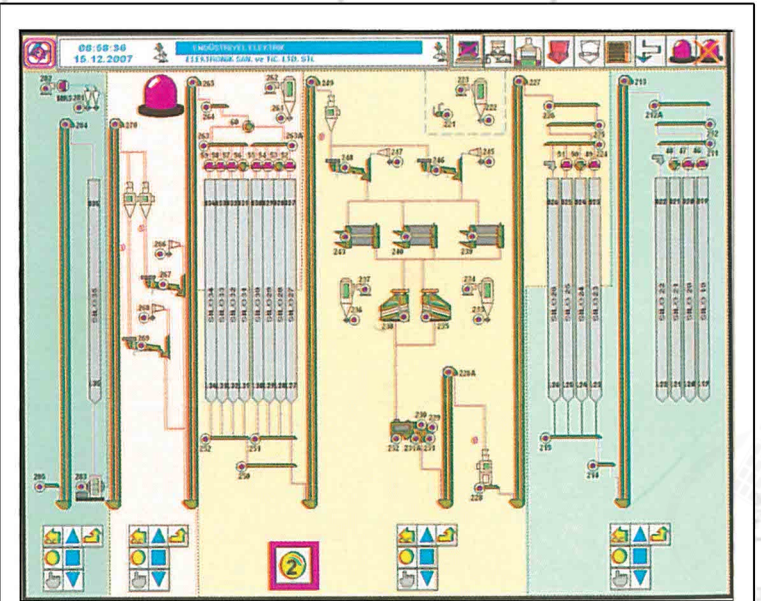
5-Outside Construction and Electricity Section



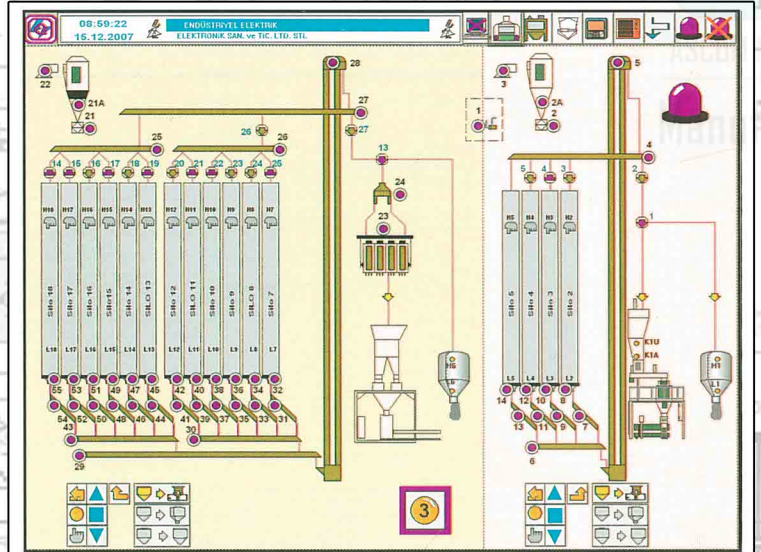
ASCO Makina San. Tic. Ltd. Sti
Manufacturing Production Lines



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

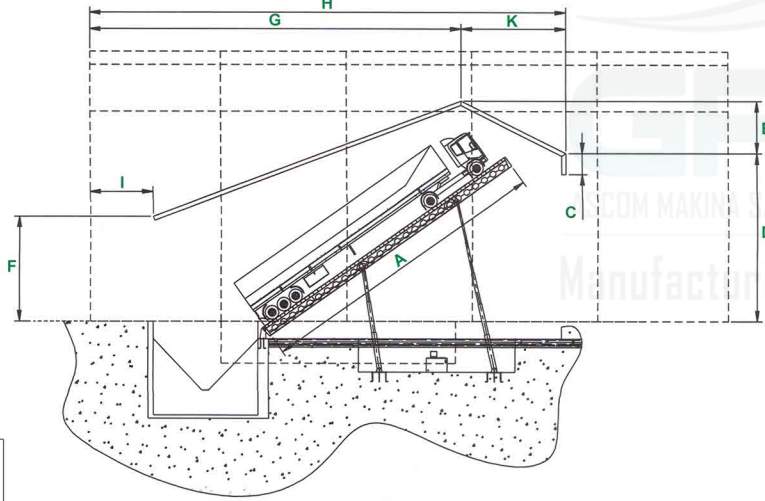
- 1- Vertical and horizontal building made from Iron
- 2- Storage Silo
- 3- Steel yard
- 4- Unloading Platforms

Forklift



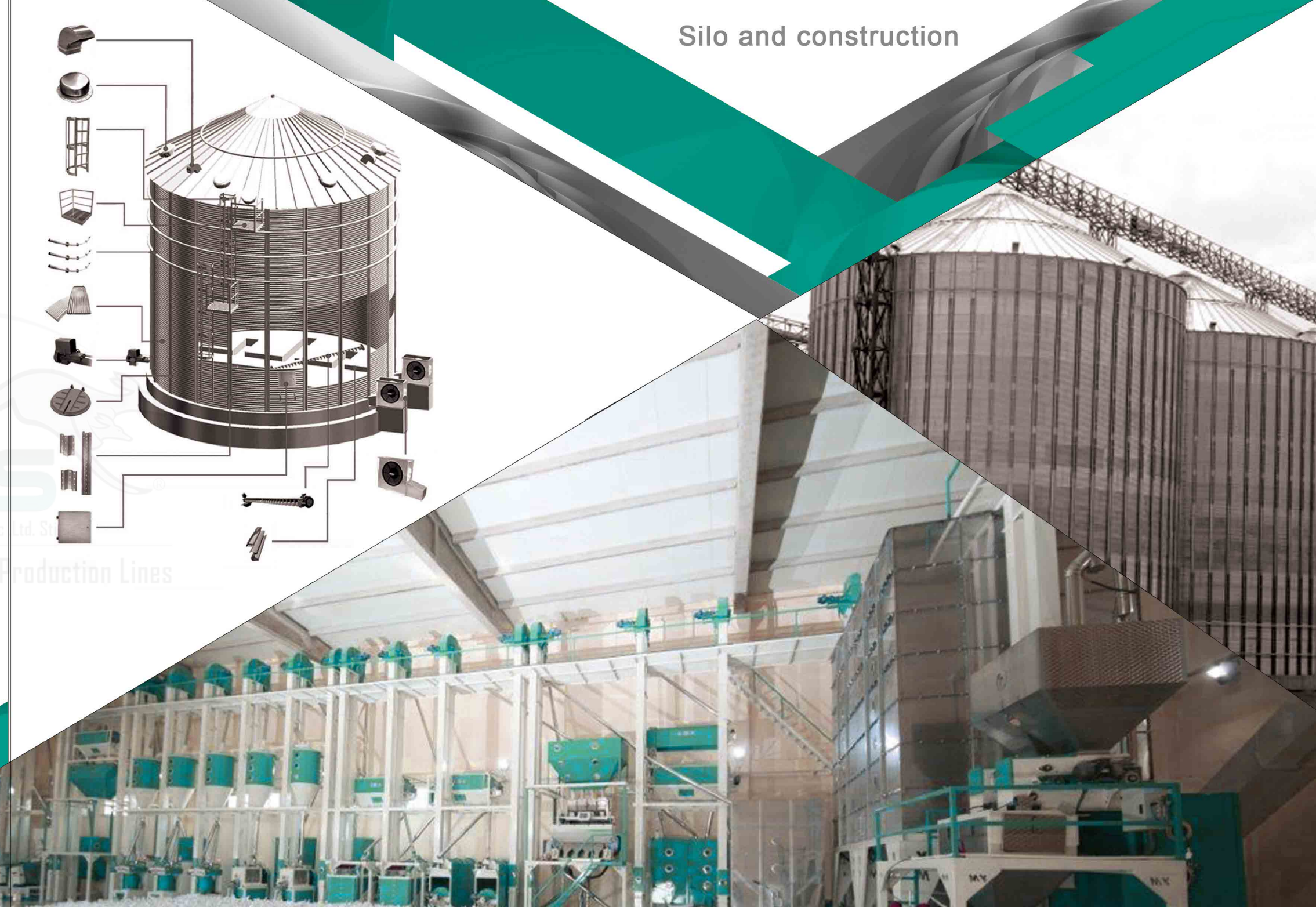
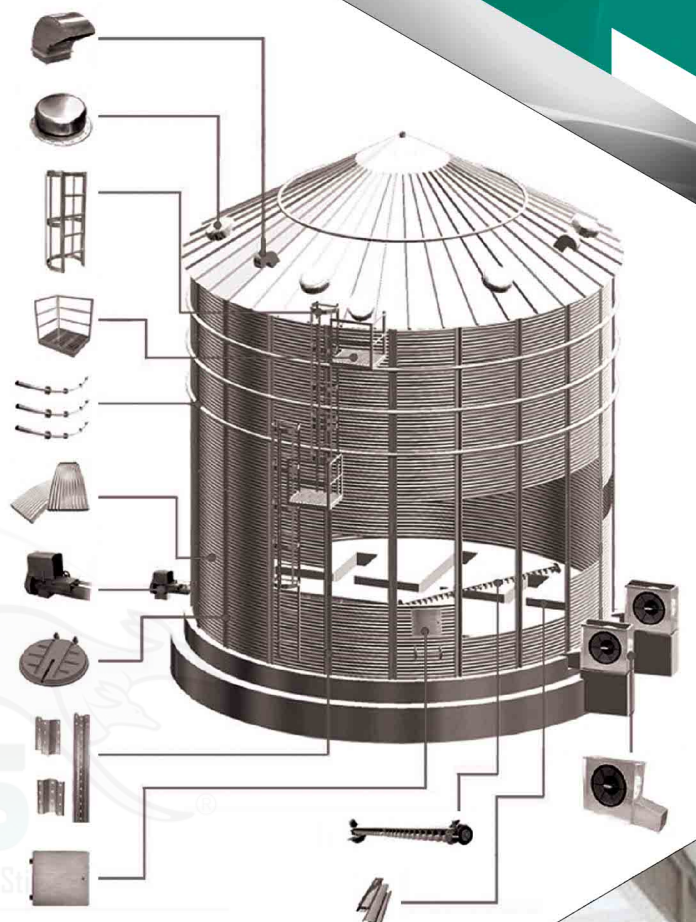
Truck Tipping Platform

Balance Land Station



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





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Manufacturing Production Lines



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