



Add : GÖZTEPE MH. BATIŞEHİR CD,BATIŞEHİR SİTESİ K3
BLOK NO. : 61, BAĞCILAR/ İSTANBUL,TÜRKİYE

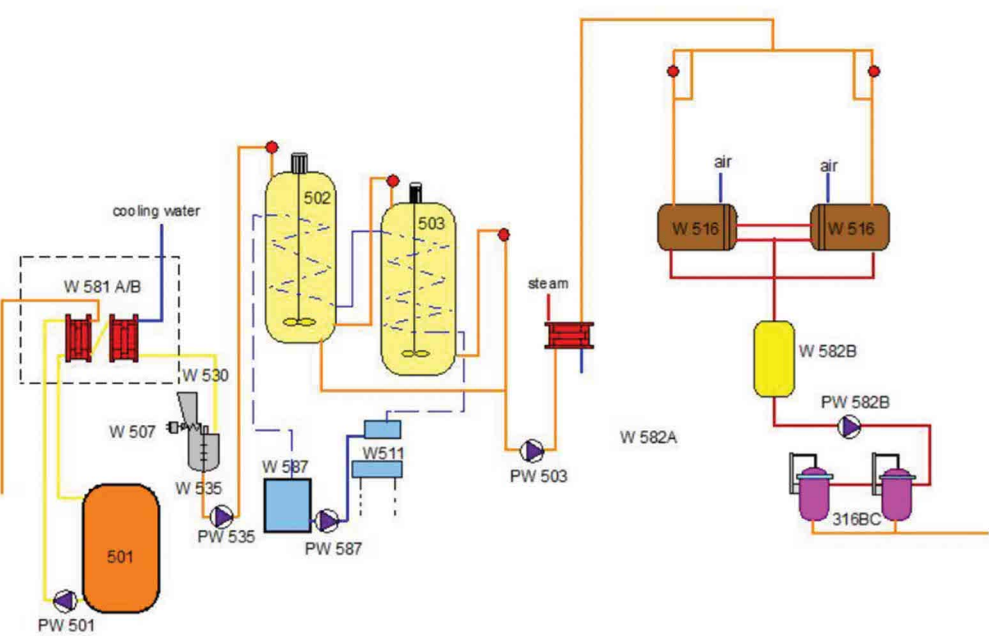
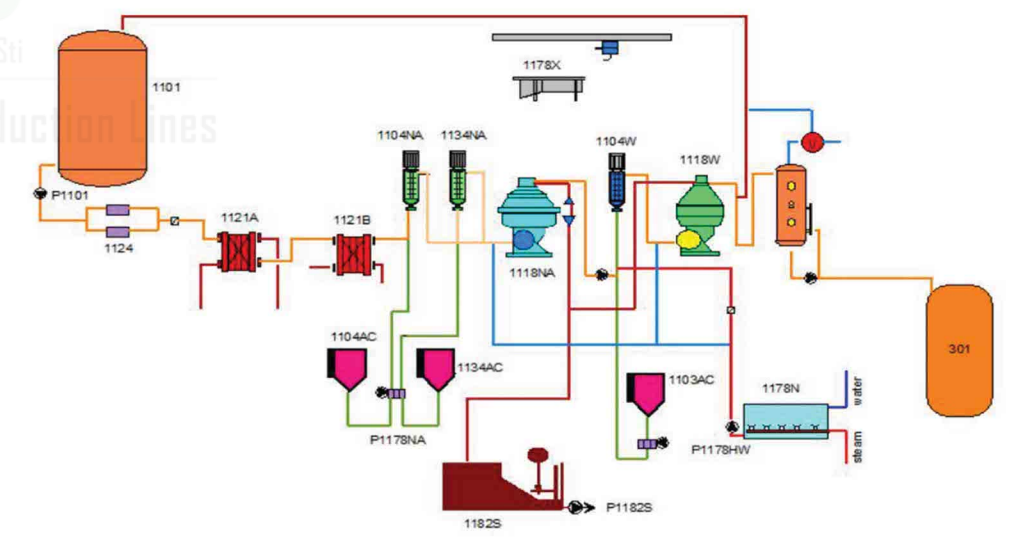
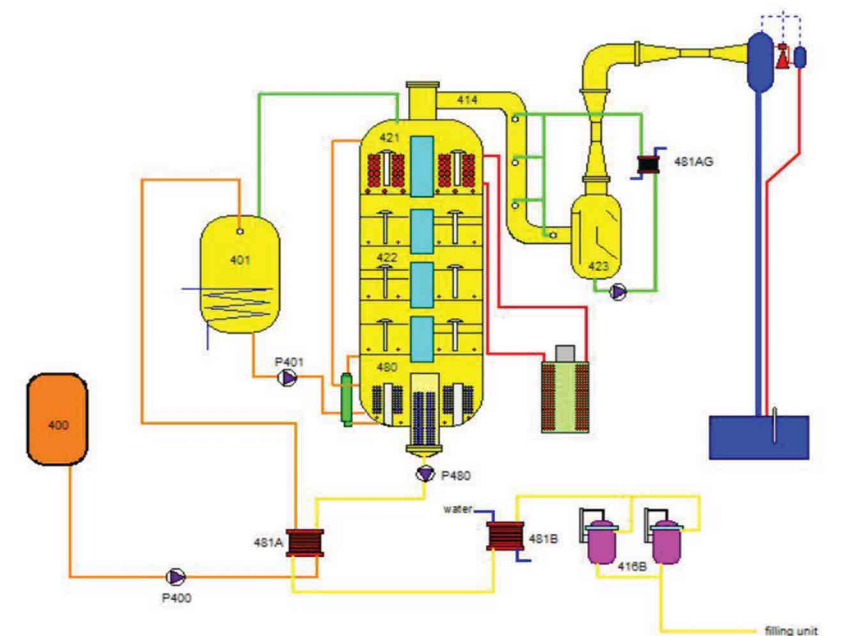
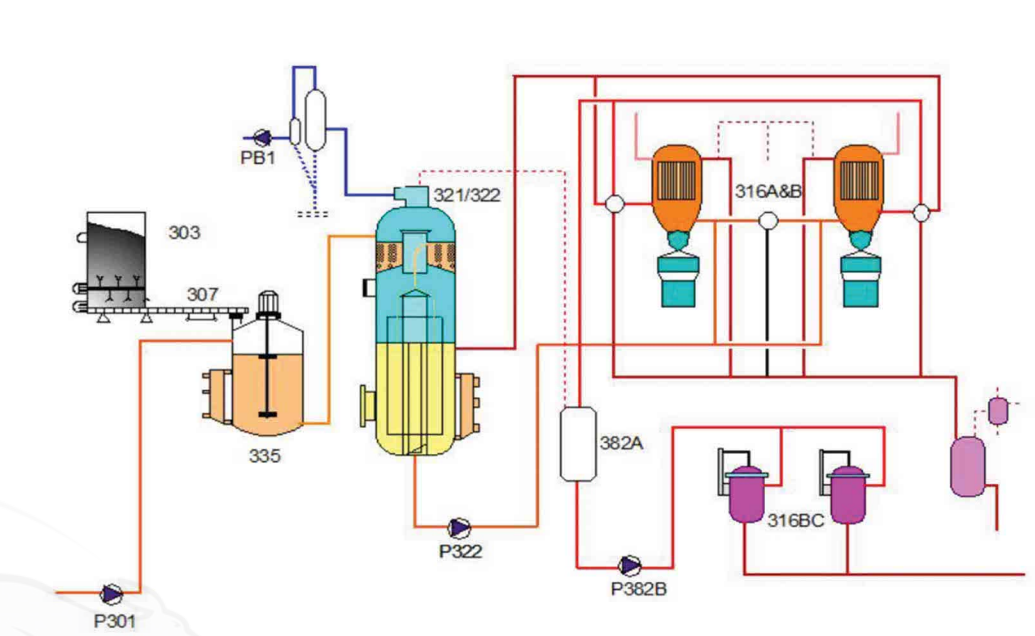
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OIL 
PRODUCTION LINE



ASCOM MAKINA SAN. Tic .Ltd. Sti

Manufacturing Production Lines



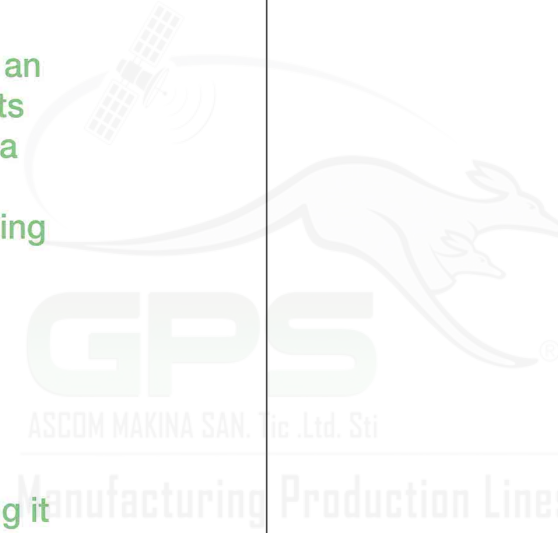
- 
- ▶ Oil of Corn
 - ▶ Oil of Cotton
 - ▶ Oil of Peanut
 - ▶ Oil of Sesame
 - ▶ Oil of Canola
 - ▶ Oil of Palm
 - ▶ Oil of Soya
 - ▶ Oil of Rapeseed
 - ▶ Oil of Sunflower seeds



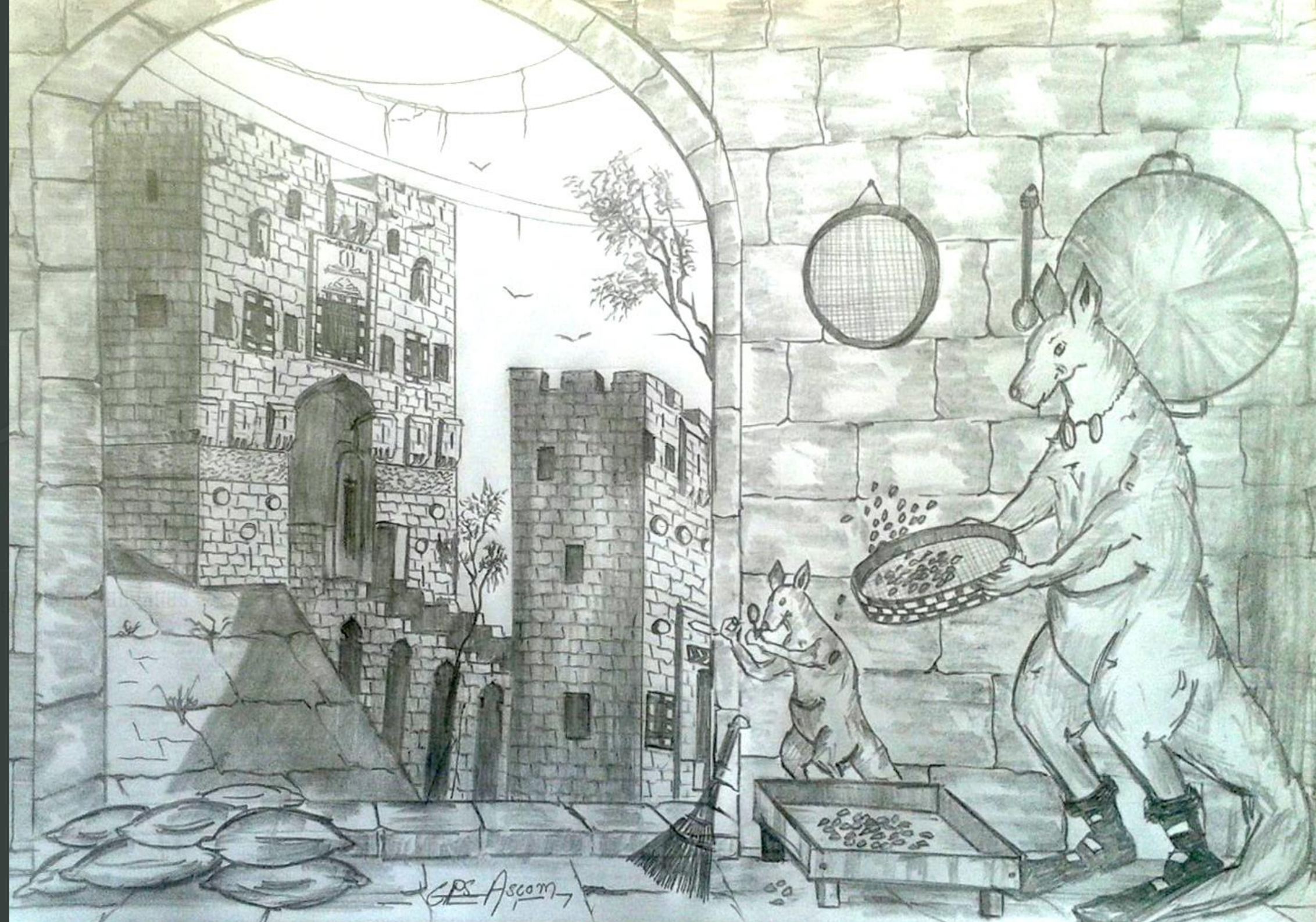


GPS as-com Company is an American Company and its Head Office is in California Works in the Fields of Industry and Trade Including Food and Engineering Sector.

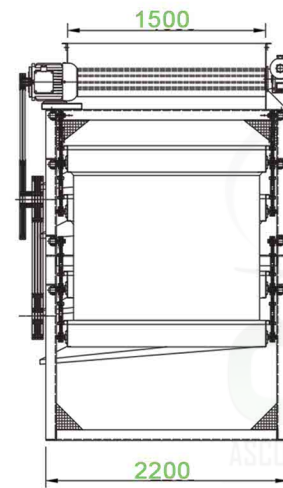
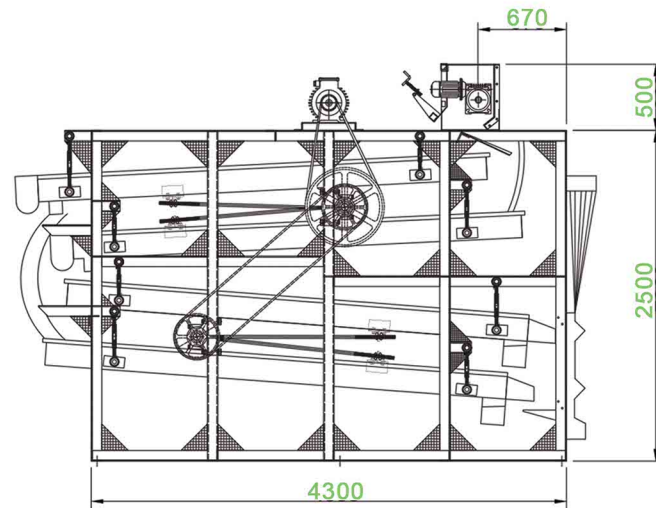
In 2009 it Bought 25% Shares of Some Turkish Factories to Produce Machines Which Allowing it the Opportunity to Manage the Sales of These Factories All Over the World.



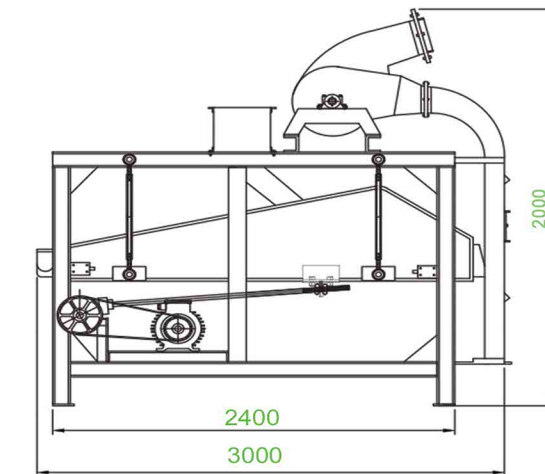
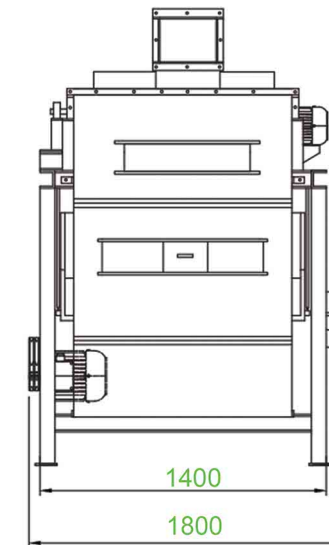
1-Cleaning Section



Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)			
	Length	Width	Height		Machine	Feeder	Fan	Vacuum system
GKV-HE-100	4300	2200	3000	90 (± 10%)	5,5	2	20	3



It is produced for cleaning of multiple oilseeds, like white cotton seed, sun flower kernels, soybeans, ground nuts...etc., only the perforated screens to be changed according to the processed seed. The four-tray seed cleaner is designed as a rigid structure, all steel frame with four screened shaker trays and two eccentric shafts with balance wheels for vibration-free operation. All bearings are of first class brand heavy-duty quality.



Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)
	Length	Width	Height		
GKV-CS-150	3000	1800	2000	150 (± 10%)	4

It is produced for cleaning of oil seeds especially sunflower kernels. Foreign materials such as stone, dust, soil, leaf ...etc. are taken by the seed absorb system placed on top of the machine. Due to its vibrant shaker arrangement, the necessary sieve will be provided according to which kind of oil seeds will be cleaned.

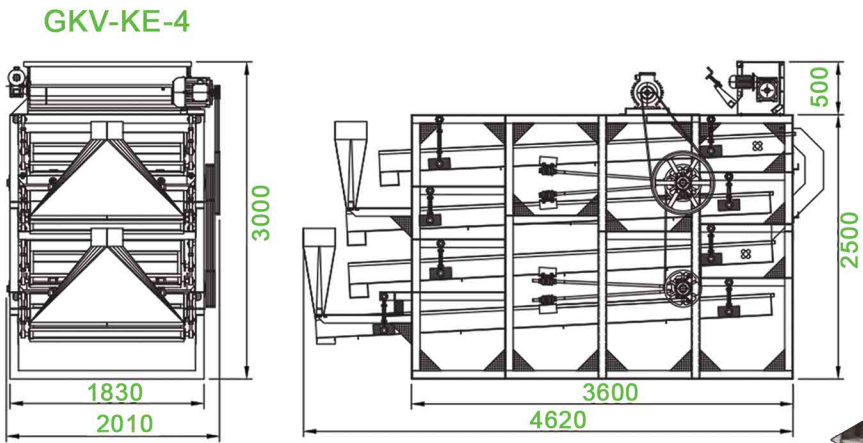
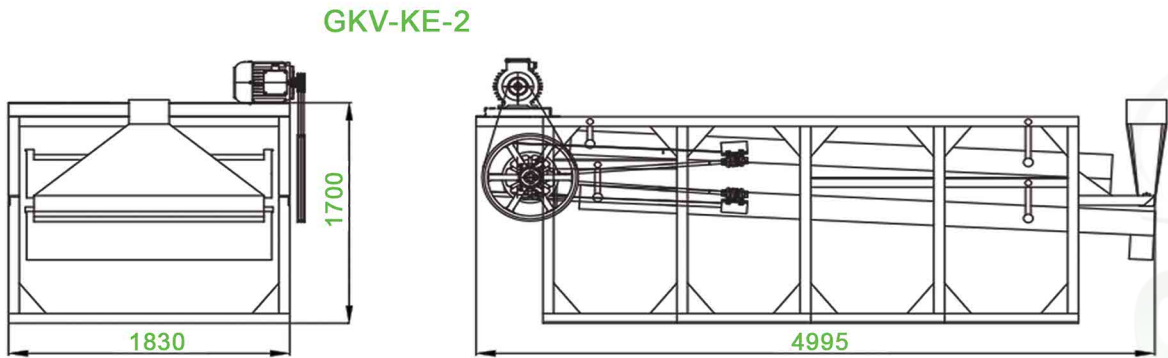
This machine is used to separate shell from the inside product. Certain amount of shell remained on top of the shaker is carried away by fan absorption system.

The Huller Shaker is designed as a rigid structure all steel frame with optional two or four screened shaker trays and two eccentric shafts with balance wheels for vibration-free operation.

We produce two d

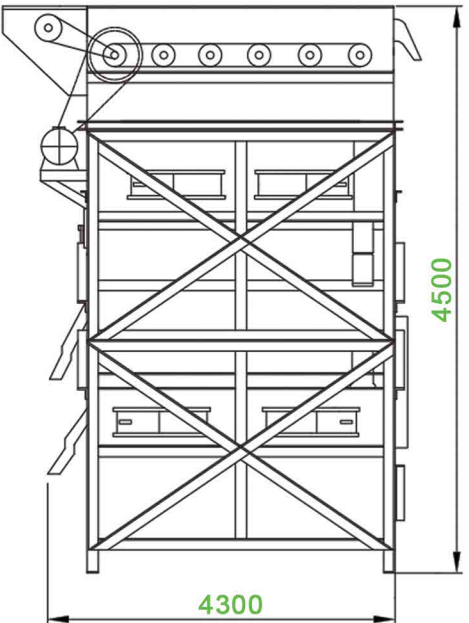
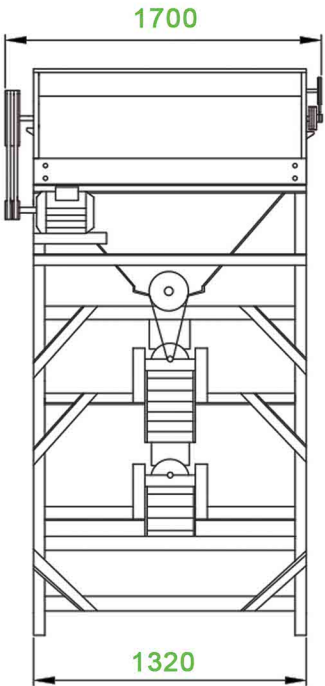


Model	Type	Dimensions (mm.)			Capacity (MT/24H.)	Motor Power (H.P.)	
		Length	Width	Height		Machine	Feeder
GKV-KE-02	2 Tray	4995	1830	1700	125 (± 10%)	4	2
GKV-KE-04	4 Tray	4620	2010	3000	200 (± 10%)	5,5	2



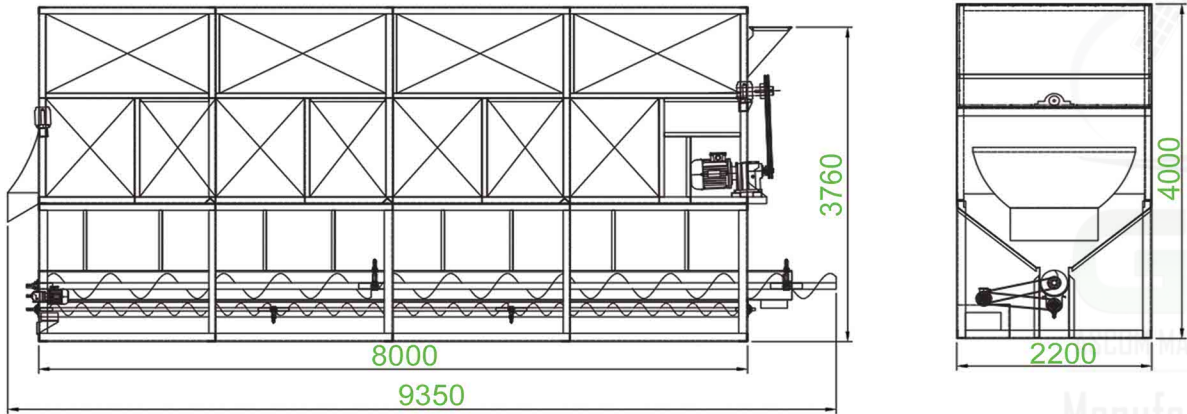
Model	Dimensions (mm.)			Motor Power (H.P.)
	Length	Width	Height	Machine
GKV-LC-01	4300	1320	4500	5,5

Lint cleaner is designed as a rigid structure all steel frame, for high capacity, precise cellular control and thorough lint cleaning. The interior of the machine is equipped with our special manufacturing brush cleaning system to clean perforated sheet iron. Multiple-stage screens provide producing the cleanest lint.



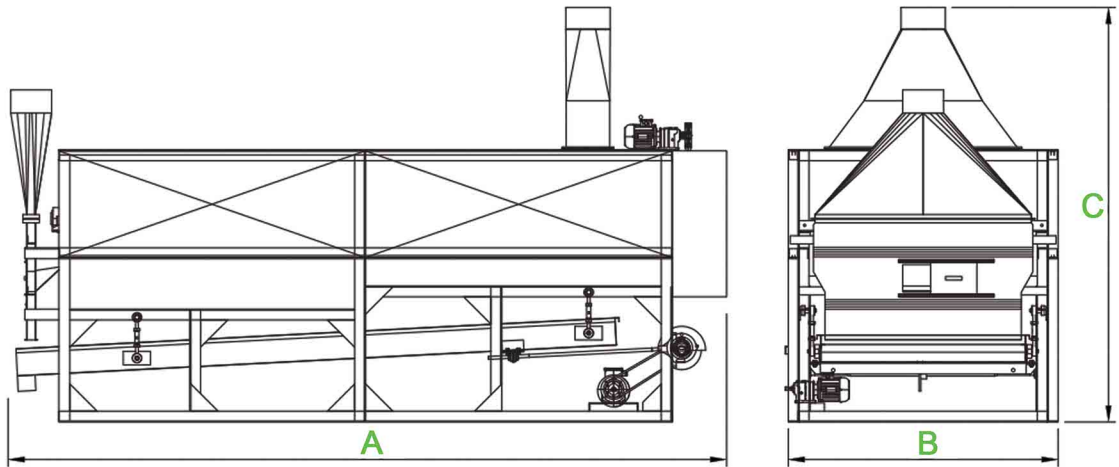


Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)		
	Length	Width	Height		Machine	Conveyor motor	Feeder
GKV-DC-01	9350	2200	4000	150 (± 10%)	10	2	2



It is produced for cleaning and separating of white cotton seeds in cottonseeds processing oil mill plants. To get a good result in cleaning process in delinting plants, this machine perfectly separates impurities from the seed.

Double Drum Hull Beater



Double Drum Hull Beater is working with two rotating drums and two heavy paddle shafts for hulls or tailings. The two rotating drums inside of the machine and the rods which are rotated in opposite ways and with perforated metal sheet regain the oily inner part of the hull. The regained inner part of the hull is conveyed by conveyors under the machine. From the front of the machine, the hull is conveyed to the hull department. We produce two types of Double Drum Hull Beater as to the capacity;

Model	Dimensions (mm.)			Capacity (MT/24H.)	Motor Power (H.P.)	
	A	B	C		Machine	Shaker
GKV-HB-01	4300	1980	3045	125 (± 10%)	4	2
GKV-HB-02	5300	1980	3045	200 (± 10%)	5	2



6 ▶ Delinting & Sharpening Machine

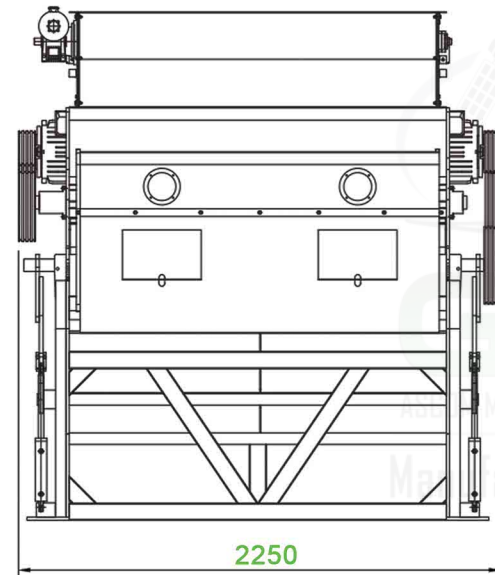
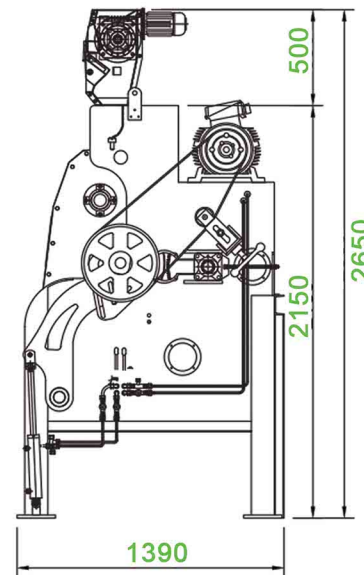


For cottonseed delinting process cut out mechanically by saws and linters are removed from the saws by a brush cylinder and carried away pneumatically. The delinter is designed as a rigid structural all steel frame. All bearings are of first class brand heavy-duty quality. The dynamically balanced saw shaft is equipped with special designed saw spacer rings and 176 saws 0,045" thickness and 18 inches diameter, made from special alloy steel as made in Germany, to guarantee a long lifetime. Saw cylinder removal is carried out with the use of double lever controlled hydraulic mechanism, which will remove the saw cylinder from the bearing mounts and presents it to the overhead hoist.

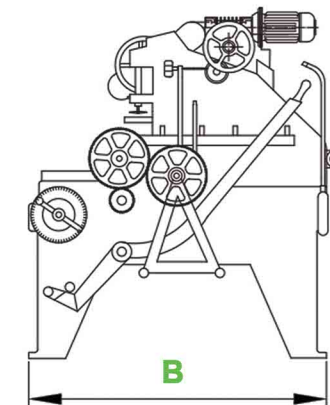
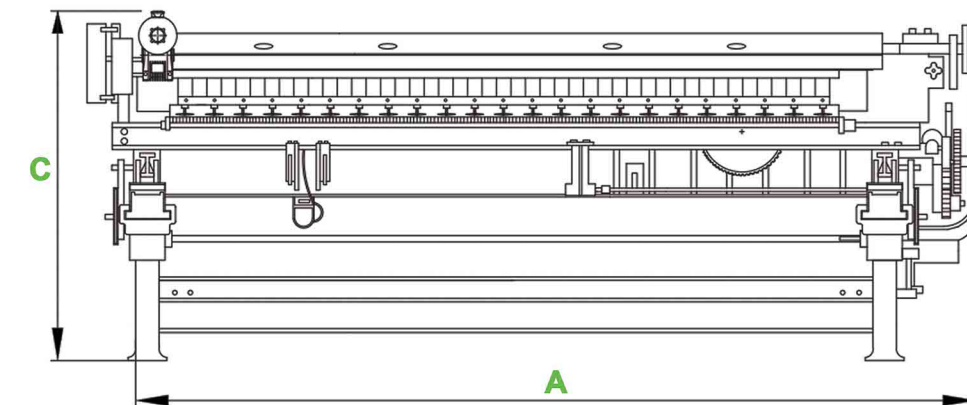
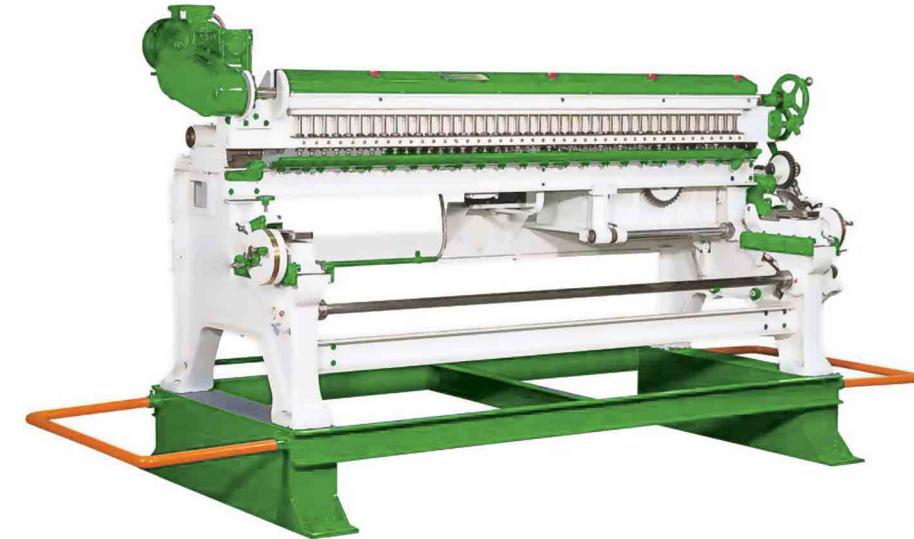
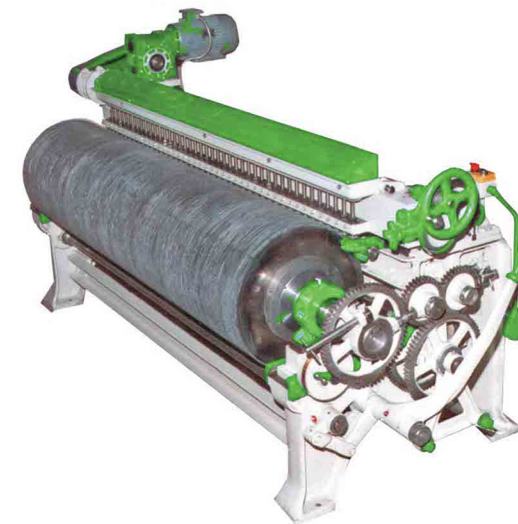
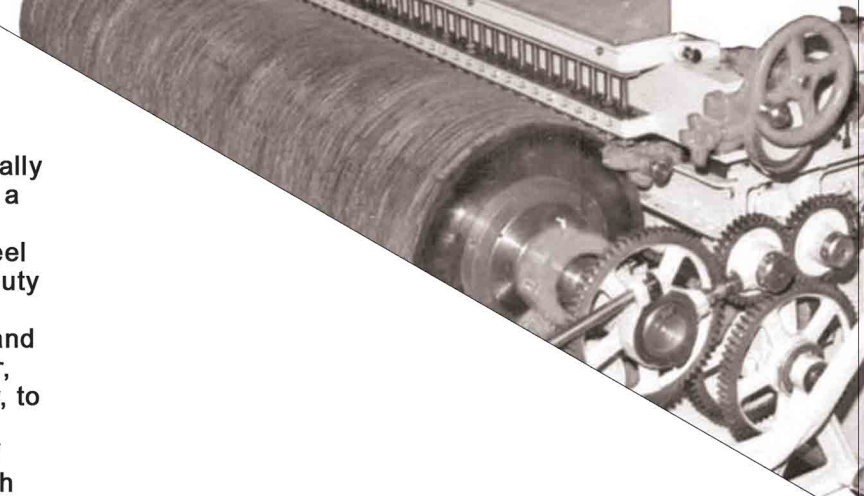
Before



After



Model	Dimensions (mm.)			Saw blanks	Capacity (MT/24 H.)	Motor Power (H.P.)		
	Length	Width	Height			Feeder	Saw Shaft	Float shaft
GKV-176	2250	1390	2650	176	1st Cut $\approx 40 \pm 10\%$ 2nd Cut $\approx 25 \pm 10\%$	1	30	25
GKV-210	2510	1390	2650	210	1st Cut $\approx 75 (\pm 10\%)$ 2nd Cut $\approx 40 (\pm 10\%)$	1	40	30



Model	Dimensions (mm.)			Motor Power (H.P.)
	A	B	C	
GKV-42	2650	1150	1300	3 (2 pcs.)
GKV-36	2150	1150	1300	2 (2 pcs.)

For cutting and re-sharpening the teeth of delinting blanks /saws, equipped with 42 pieces of prime quality perfect hardened gummer files to maintain teeth of proper shape and pitch throughout the full life of the saws. The machine is working fully automatic after placing the saw cylinder in place and adjusting the index crank to the correct setting. During the separating process of cotton and the seed, Linter saws are exposed to the wearing, and their teeth are getting wiped out.

7 ▶ Dehulling/ Decoration
GKV-K



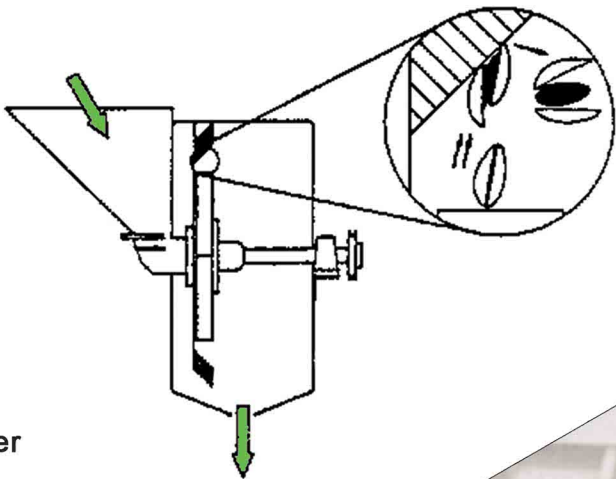
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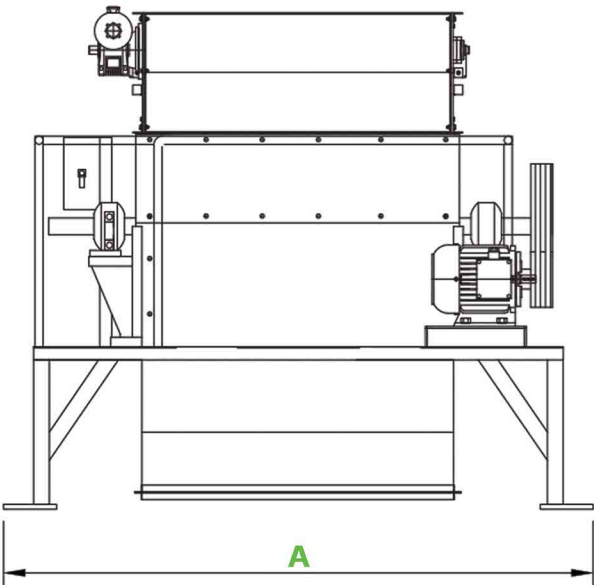
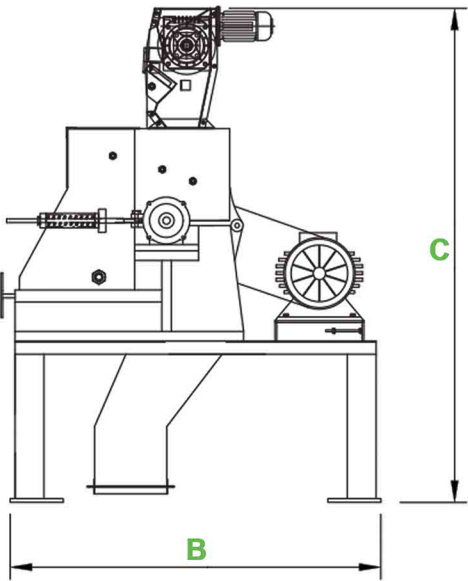
Waste



Aftera



Huller machine gives perfect outcome in the huller procedure of oil seeds such as sun flower kernel, soybean, cottonseed etc.
The capacity is changed according to the quality, type, and the humidity of the seeds, and foreign material within.



Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)	
	A	B	C		Machine	Feeder
GKV-K-75	1500	1660	1685	75 (± 10%)	20	1,5
GKV-K-150	2100	1208	1383	150 (± 10%)	30	2
GKV-K-200	2100	1448	1383	200 (± 10%)	40	2

Hydraulic Bale Press
One Lift Box GKV-BP 02

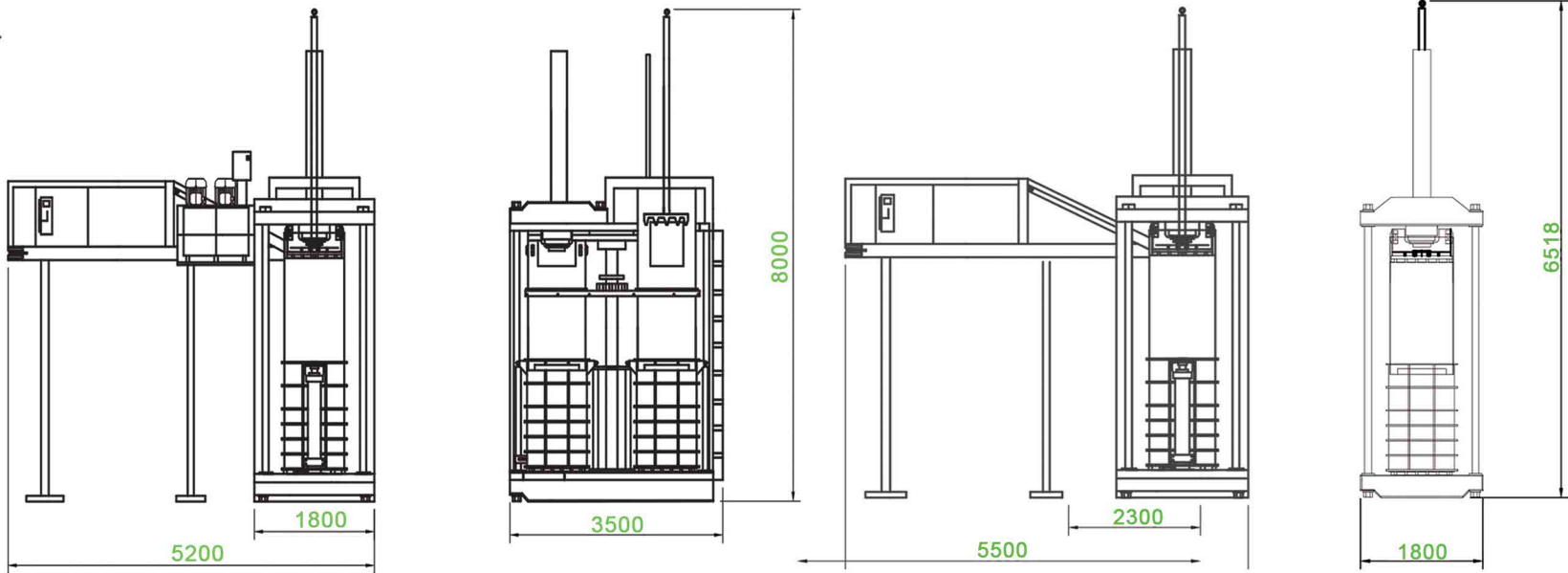


Hydraulic Bale Press
Tow Lift Box GKV-BP 01



This machine is used for producing bales of linter cotton, working hydraulically with one rotating lift-box, not required to dig a hole and working on the ground.

Model	Dimensions (mm.)				Capacity (Bale/hr)	Motor Power (H.P.)			
	Type	Length	Width	Height		Main motor	Dumper motor	Rotating motor	Band motor
GKV-BP-02	Double box	5200	3500	8000	5-7	20	10	2	2
GKV-BP-01	One box	5500	1800	6518	2-3	15	10	2	2



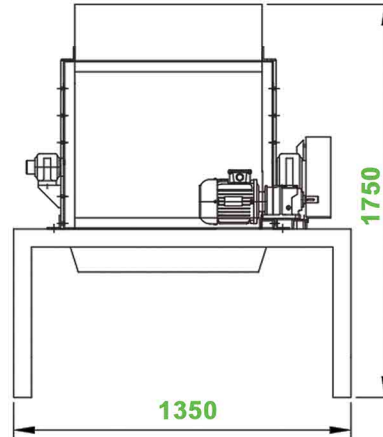
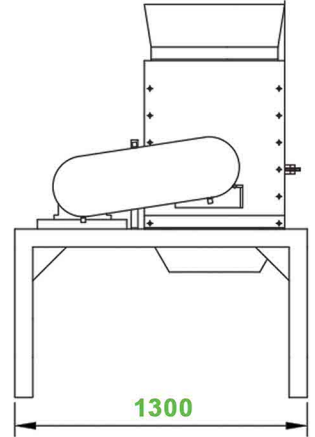
GKV-BP 01

GKV-BP 02



2-Milling Section

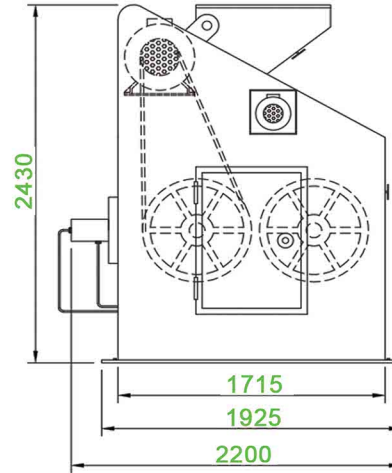
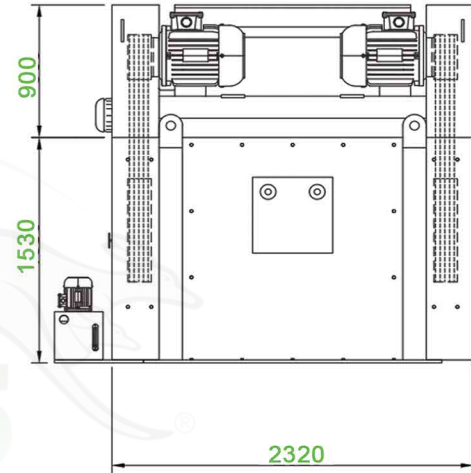




For breaking the cakes of sun flower seed, soybean, cottonseed... etc., before they are pulverized, Cake Breaker gives a perfect outcome in breaking process. The breaking processing is done with the knives which are lined up on rotating cylinder and the knives which are lined up on a stationary frame. The stationary frame is designed adjustable according to the sort and the size of the cake. Cake Breaker is constructed of extra steel and iron casting. The knives are special hardened against abrasion wear.

Model	Dimensions (mm.)			Capacity	Motor Power (H.P.)
	Length	Width	Height	(MT/24 H.)	(H.P.)
GKV-CB-250	1350	1300	1750	250	15 Gearbox Motor

FLAKING ROLLER MILL GKV-RM-600

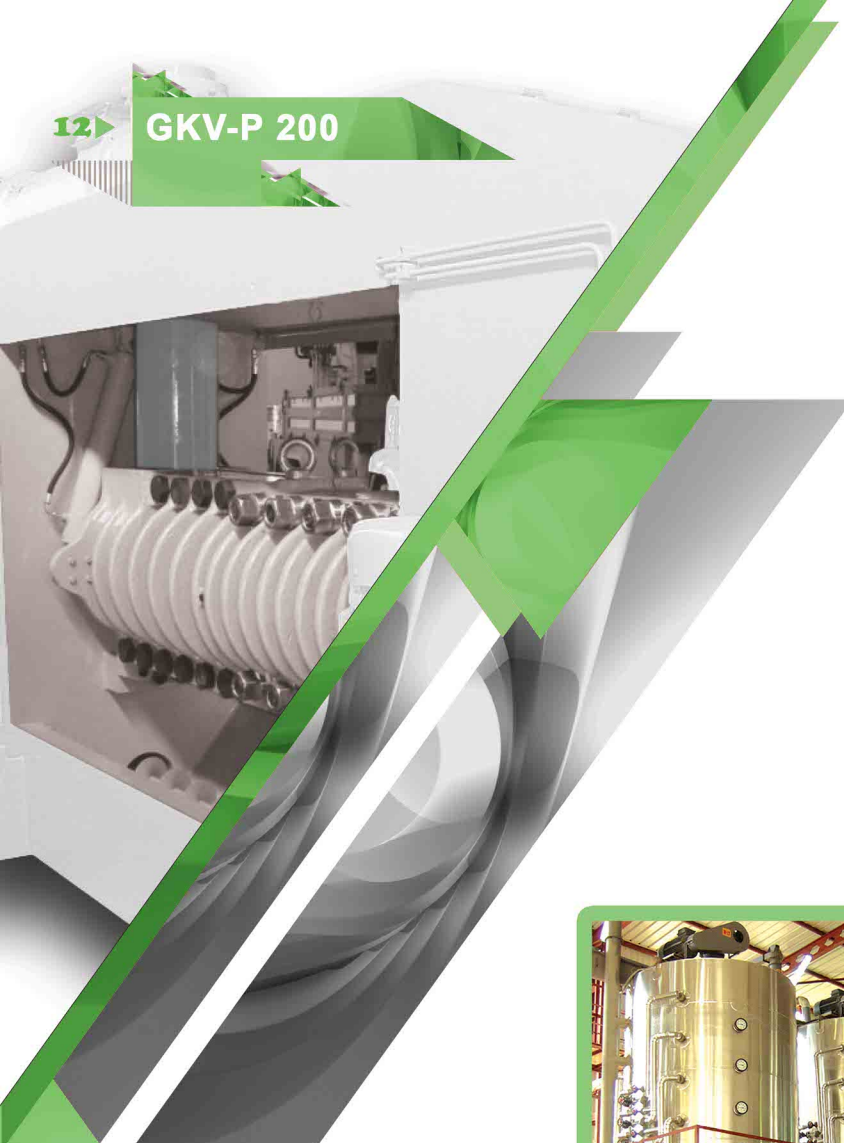


It is used for flaking of multiple crushed oilseeds like white cottonseed, sun flower kernel, soybean, canola etc. The Flaking Roller Mill KV-RM-600 is designed as a rigid structural all steel frame guarantees a very long life for the machine. The machine works hydraulically with two rotating rollers. Flaking Rollers are chilled cast iron with surface hardness and face ground smooth.

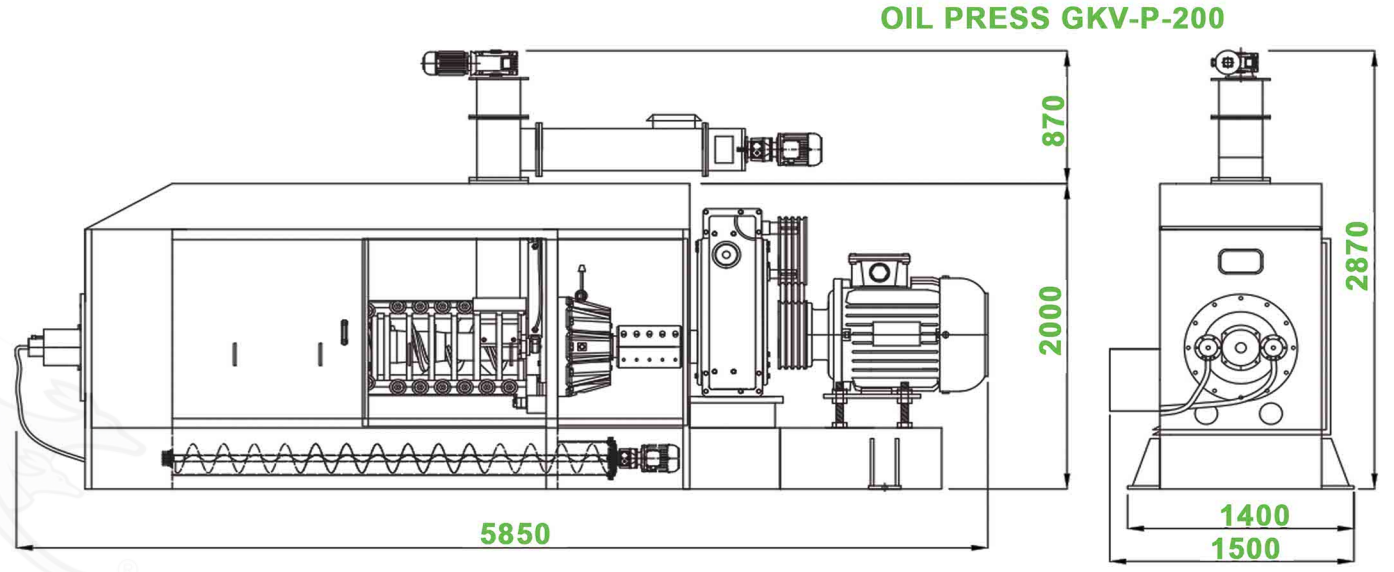
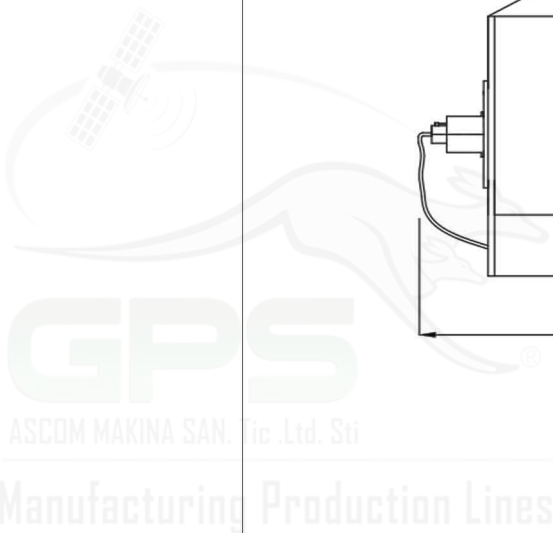
- The pressure of the rollers can be manually adjusted by hydraulic unit.
- The desired thickness of the fakes is set by the hydraulic pressure.

Model	Dimensions (mm.)			Roller Dimensions (mm.)	Capacity	Motor Power (H.P.)	
	Length	Width	Height	Diameter x Length (mm.)	(MT/24H.)	Main	Feeder
GKV-RM-600	2320	2200	2430	600 x 1300	200 (±10%)	60 (2pcs.)	3





It is used for pressing and extraction of the oil and the cake of multiple crushed oilseeds such as cottonseeds, sun Flower kernels, rapeseeds, soybeans, etc. after squeezing and cooking in the cooker. The expeller type oil press is designed as a rigid structure all steel frame, guarantees a very long life for the machine. Worm assemblies and special hard-wearing materials used in the construction provide to get the desired oil ratio on the cake and to reach the machinery's full potential.



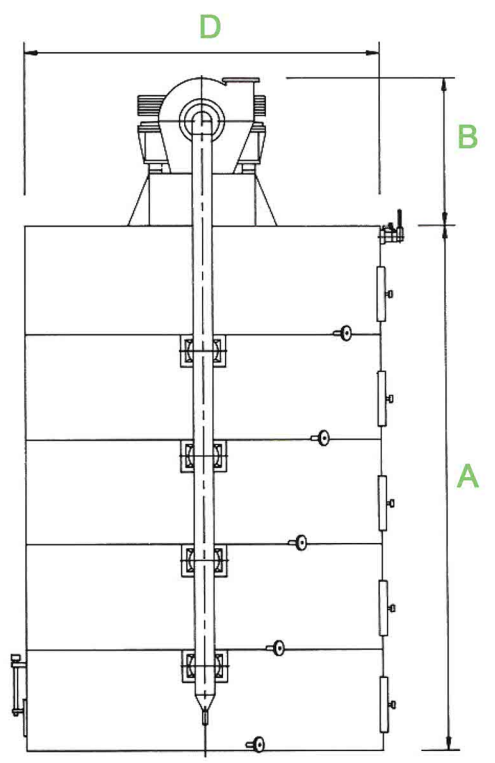
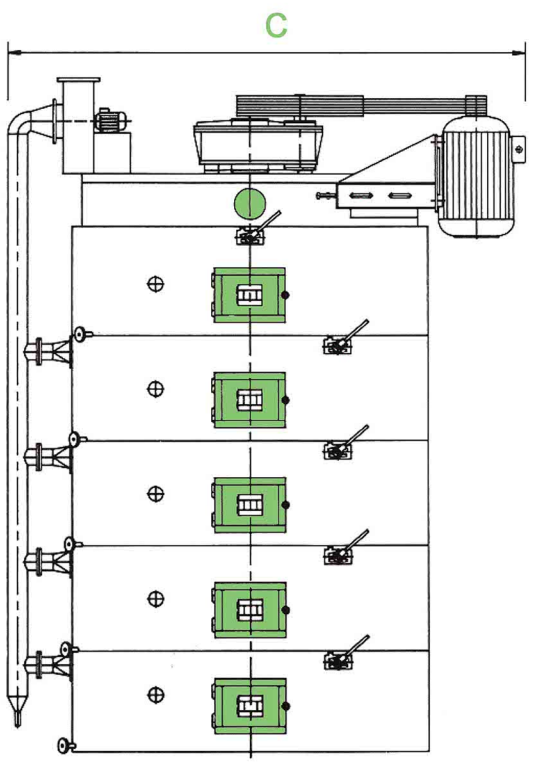
Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)			
	Length	Width	Height		Main	Feeder	Oil Conveyor	Hydraulic Unit
GKV-P-200	5850	1500	2870	Pre-press: 200 (± 10%) Full-press: 60 (± 10%)	150-200	4 (2 pcs.)	1,5	4



The Cooker used for the preparation of the raw material for reaching the accurate thermal conditions before entering the seed oil press.



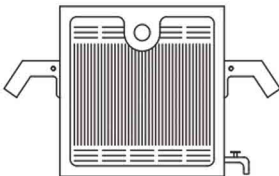
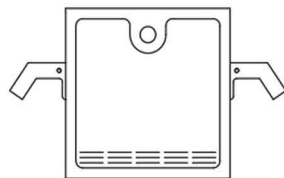
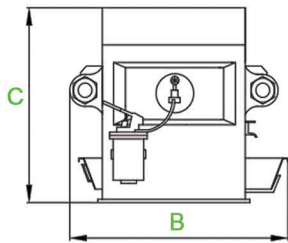
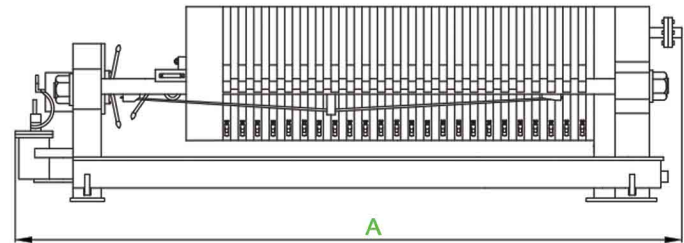
MODEL	Toaster (Ø-mm)	Frying Path (m²)	No. of Rings	Drive Motor (HP)	Gearbox	Dimensions (mm)			
						A	B	C	D
GT1	1800 ±50	12.7	5	30	G-1	3740	1100	2900	1800
GT2	2250 ±50	19.8	5	40	G-2	3740	1100	3400	2250
GT3	2500 ±100	24.5	5	60	G-3	3740	1100	3700	2500
GT4	2500 ±100	34.3	7	75	G-3	5150	1100	3700	2500



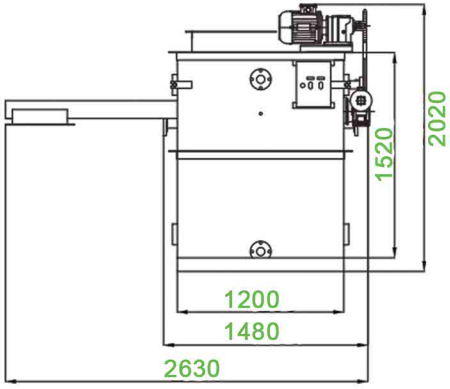
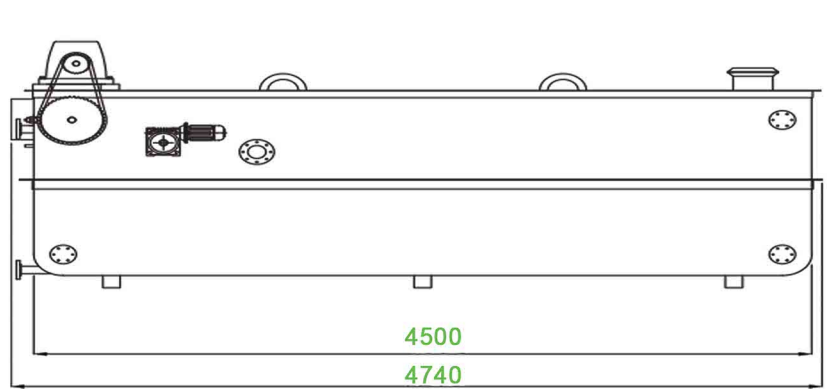


Filter press cleans the foreign materials included in the oil and produces lucid oil in order to use in edible oil industry, chemical, petrol, food industry, and all kind of liquid filtration processes. According to the industrial needs the frames and plates of the Filter press are produced with pig iron, stainless steel, aluminum, polypropylene, or similar materials. We produce various models as to the capacity of producing and the plate dimensions.

Model	Plate Dimensions (mm.)	Dimensions (mm.)			Filter Kek Capacity	Valve Numbers
		A	B	C		
GKV-F25	250x250	1900	950	500	0,01	10
GKV-F50	500x500	2200	1000	1000	0,1	20
GKV-F65	650x650	3400	1000	1100	0,3	30
GKV-F80	800x800	4200	1200	1200	0,6	40
GKV-F100	1000x1000	5000	1500	1300	1,5	50



After oil screw pressing process, the crude oil containing sediments is required to be cleaned. Our Screening Tank is perfectly designed for the separation of the sediment from the oil, before it enters to the filter press machinery with the aim of extending the charging of the Filter press and increasing the capacity.

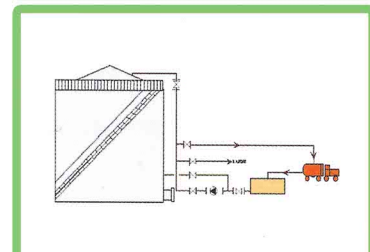
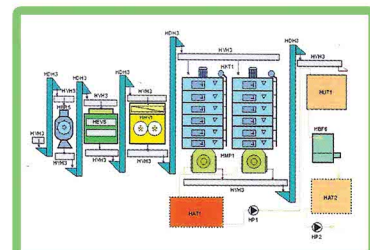
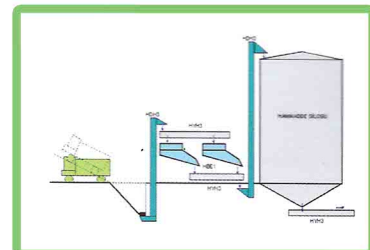


Model	Dimensions (mm.)			Capacity (m³)	Motor Power (H.P.)
	Length	Width	Height		
GKV-SCT-01	3240	1200	2020	5	3
GKV-SCT-02	4740	2630	2020	8	5,5



3-Refining and Packaging Section





Bucket Extractor: is now the most advanced alternative to all existing extractors. The continuous series of buckets moving in roller rails, transport the oilseed over the upper and lower cylindrical buffer with agitator, level control and speed controlled dosing screws. The extractor has variable speed drive and several miscella feed tubes. Capacities 200; 500; 700; 1250 t/24 h prepressed sunflower cake.



Deodoriser



Condenser - G1



Condenser - G2



G-DTDC



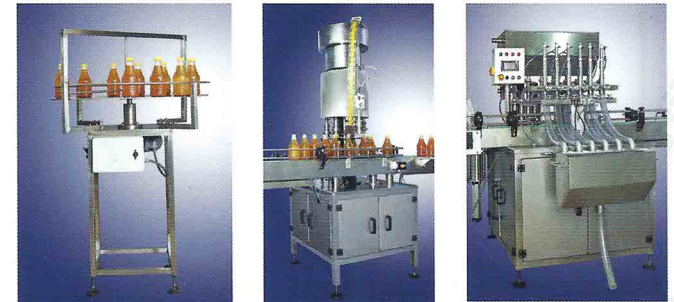
Refining Tanks





GD-66
Seed Control
PLC Touch Screen Control

	GD-66
Capacity	1000 - 6000 Pcs / H
Filling Grammaj	200 - 2000 G
Filling Material	Water, Juice, Ayran, Boza, Milk, Ketchup, Mayonnaise Olive Oil, Detergent, Shampoo etc.
Stainless Steel Material	CRNI 316 and 304



GYCD
Full Automatic Shrink Machine



GBS
BAGGING SCALE

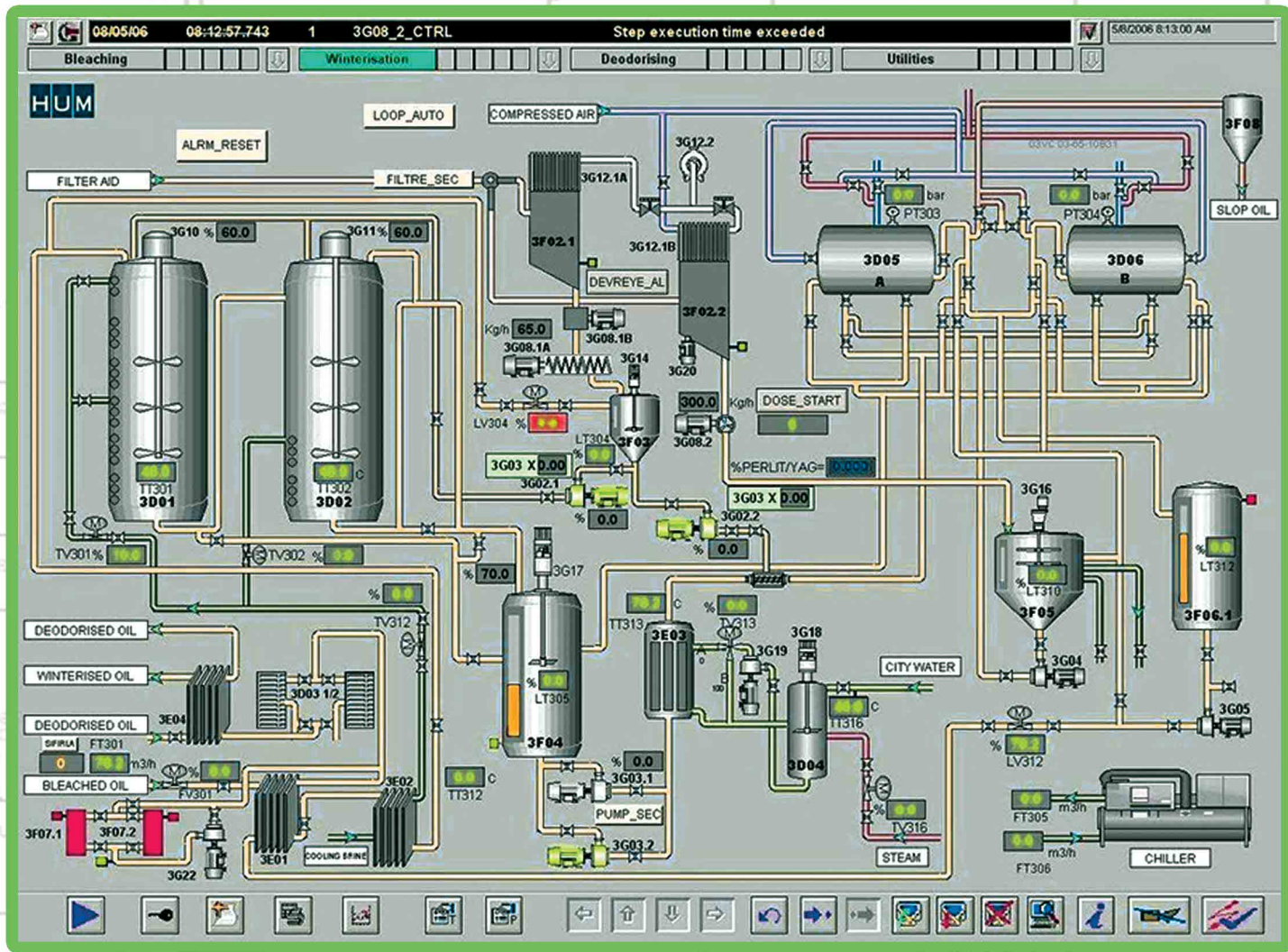


GEDM 8
8 Nozzle Oile Filling Machine 3Lt- 16 Lt



5-Outside Construction and Electricity Section





MCC Command Control Panel



TRIPLEWEIGHING, 6-STATION CAROUSEL BAGGING SYSTEM PANEL



PLC Panel

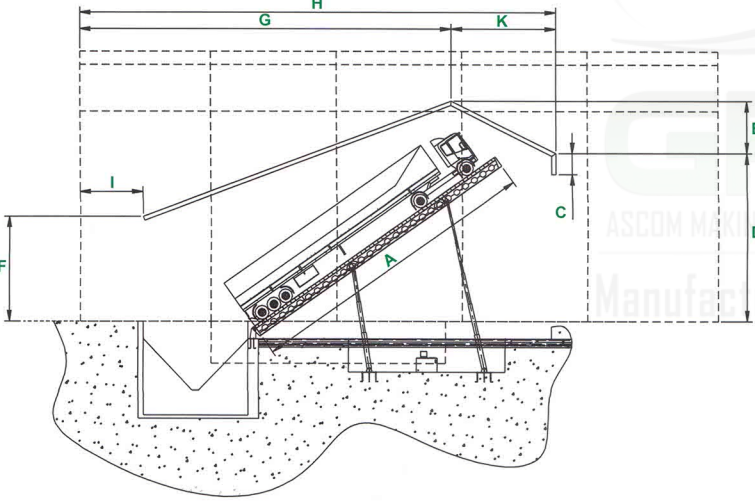
- 1- Vertical and horizontal building made from Iron
- 2- Storage Silo
- 3- Steel yard
- 4- Unloading Platforms

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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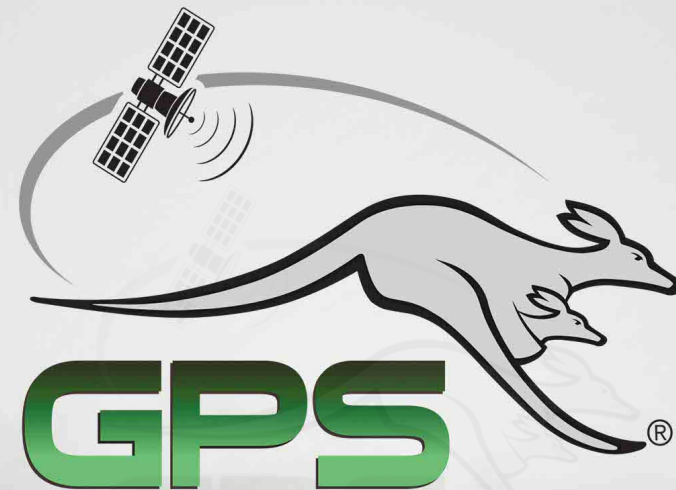
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