

KV-CS-150



Sunflower Seed Cleaner

With 50 years experience,
COTTONSEED AND OTHER OILSEED
PROCESSING MACHINERY



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INDUSTRIES LTD. ŞTİ.



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Sunflower Seed Cleaner

KV-CS-150

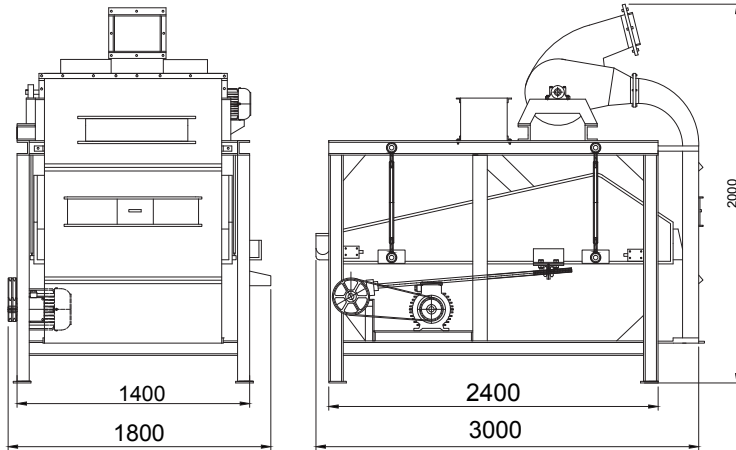
- Easy operation
- Perfect cleaning
- High efficiency

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.



KV-CS-150
Sunflower Seed Cleaner



Technical Description

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

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 Address : Cinar Sok. No:12 (35410) Ege Serbest Bolgesi Gaziemir Izmir / TURKEY

Big Drum Sifter

With 50 years experience,
COTTONSEED AND OTHER OILSEED
PROCESSING MACHINERY



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Big Drum Sifter

KV-DC-01

- High efficiency
- High capacity
- Perfect cleaning

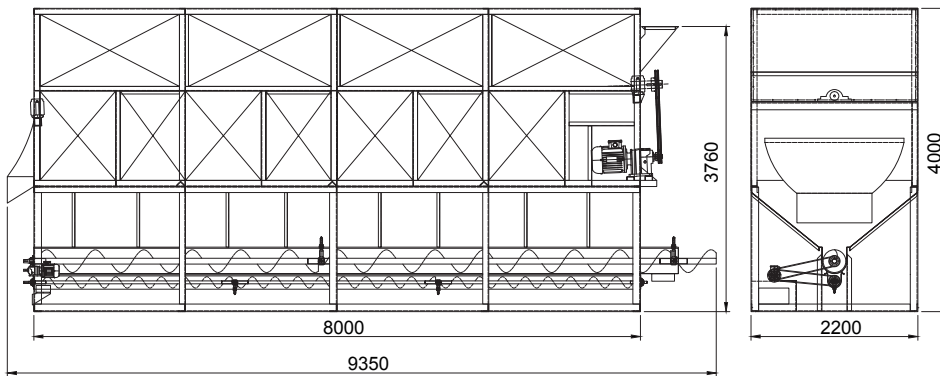
It is produced for cleaning and separating of white cotton seeds in cottonseeds processing oil mill plants. To get a good result in cleaning process in delinting plants, this machine perfectly separates impurities from the seed.

The machine is designed as a rigid structure all steel frame, and a drum covered by perforated screen rotates for separating process. The remaining cottons inside the drum are picked up from the front of the machine.

The cleaned cottonseeds fall into the conveyors proceed to the cleaning or delinting section and the dusts fall into the second conveyors are removed.



KV-DC-01
Big Drum Sifter



Technical Description

Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)	
	A	B	C		Machine	Conveyor motor
KV-DC-01	7850	2200	3200	125 (± 10%)	10	2
KV-DC-02	9350	2200	4000	180 (± 10%)	15	2

KV-HE-100



Four Tray Pneumatic Seed Cleaner

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Four Tray Pneumatic Seed Cleaner

KV-HE-100

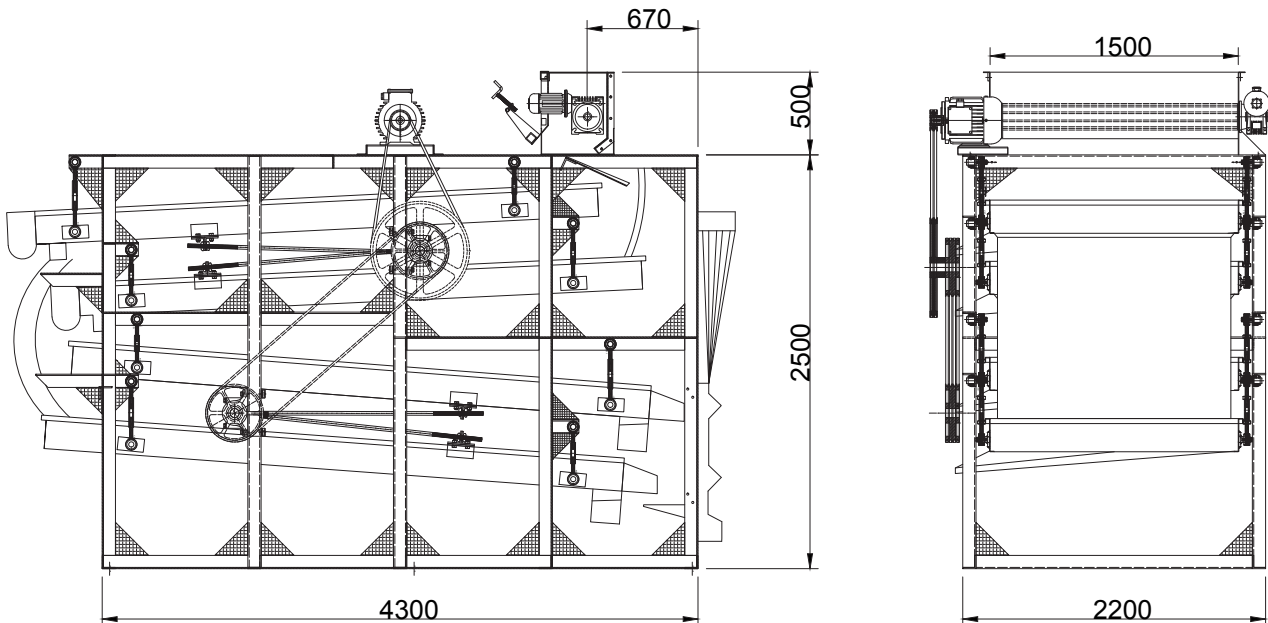
- Perfect cleaning
- Vibration-free pneumatic operation
- Adjustable perforated screens

It is produced for cleaning of multiple oilseeds, like white cotton seed, sunflower 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.



FOUR TRAY PNEUMATIC SEED CLEANER



Technical Description

Model	Dimensions (m.m.)			Capacity (MT/24 H.)	Motor Power (H.P.)	
	Lenght	Width	Height		Machine	Feeder
KV-HE-100	4300	2200	3000	90 (± 10%)	5,5	2

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KV-210



Lintner Machine

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Linter Machine

KV-210

High capacity, High Efficiency

- 210 pcs. Saw Blanks on the Strong Shaft
- Strong Hydraulic Cylinders
- Easy and Safety Removable Saw Shaft
- Electronic Feeding System with Magnet Protection
- Good Quality Lint Producing

For cottonseed delinting process cut out mechanically by saws and linters are removed from the saws by a brush cylinder and carried away pneumatically.

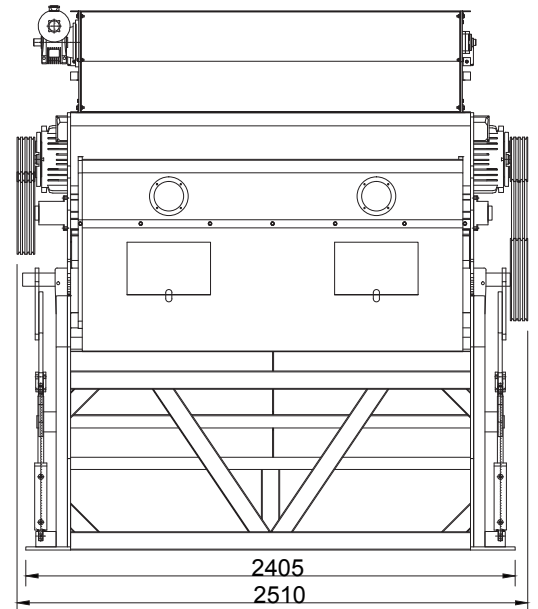
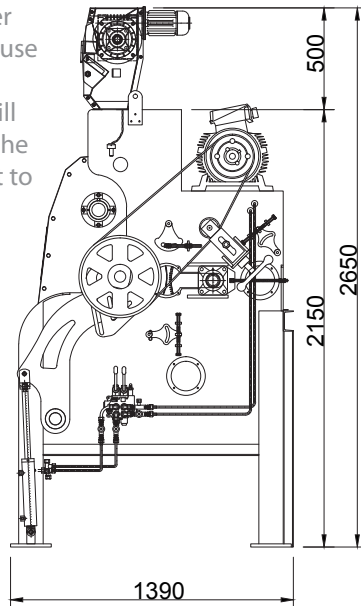
The highest capacity working Delinting Machine produced by our company, is designed as a rigid structure all steel frame. All bearings are of first class brand heavy-duty quality. The dynamically balance saw shaft is equipped with special designed saw spacer rings and 210 saws 0,045" thickness and 18 inches diameter, made from special alloy steel as made in Germany, to guarantee a long lifetime.

Grate fall ribs are of a perfect quality. Brushes are made from natural fiber only and brush bodies and rails are made from aluminum.

Hydraulic easiness: Saw cylinder removal is carried out with the use of the double lever controlled hydraulic mechanism, which will remove the saw cylinder from the bearing mounts and presents it to the overhead hoist.



Linter Machine KV-210



Technical Description

Model	Dimensions (m.m.)			Saw Blanks	Capacity	Motor Power (H.P.)		
	Lenght	Width	Height			Feeder	Saw shaft	Float shaft
KV-210	2510	1390	2650	210	1st Cut ≈ 75 ($\pm 10\%$) 2nd Cut ≈ 40 ($\pm 10\%$)	1	40	30

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KV-176

Linter Machine

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Linter Machine

KV-176

- 176 pcs. Saw Blanks on the Strong Shaft
- Strong Hydraulic Cylinders
- Easy and Safety Removable Saw Shaft
- Electronic Feeding System with Magnet Protection
- Good Quality Lint Producing

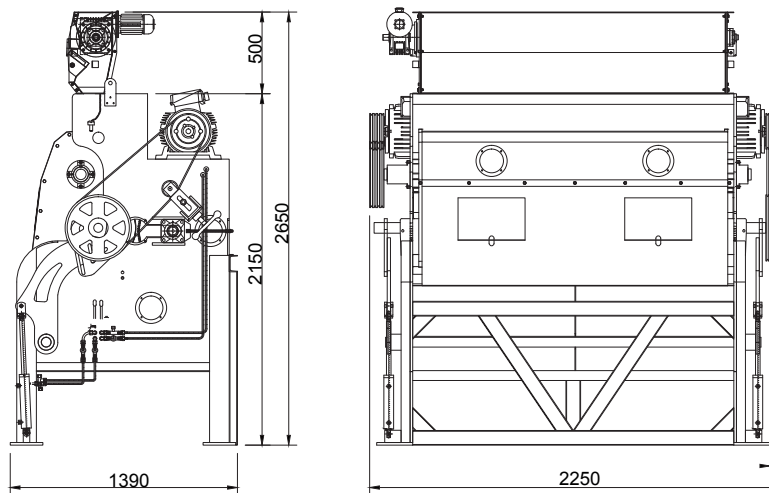
For cottonseed delinting process cut out mechanically by saws and linters are removed from the saws by a brush cylinder and carried away pneumatically.

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.



Linter Machine KV-176



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Technical Description

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

KV-BP-01



Hydraulic Bale Press One Box

With 50 years experience,
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Hydraulic Bale Press One Box

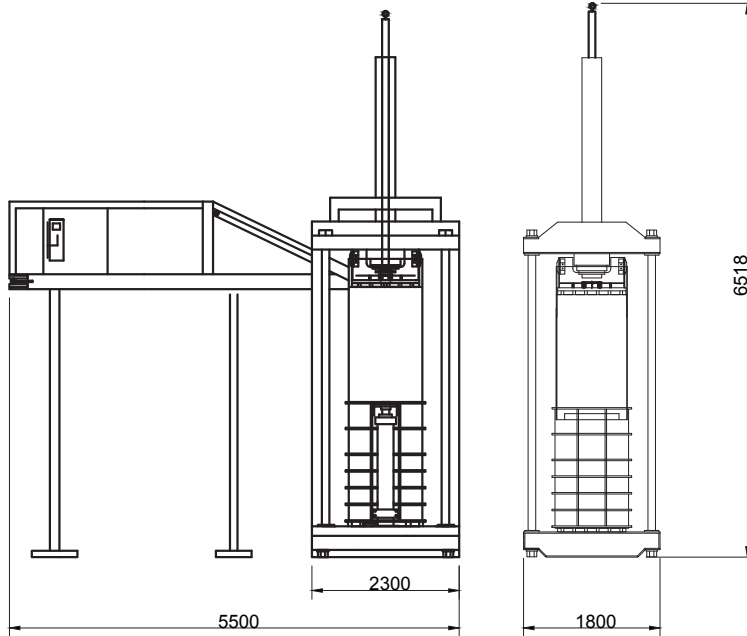
KV-BP-01

- Working Hydraulically
- Easy Operation
- Adjustable to customer use

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.

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HYDRAULIC BALE PRESS (ONE BOX)



Technical Description

Model	Dimensions (mm.)				Capacity (Bale/hr)	Motor Power (H.P.)	
	Type	Length	Width	Height		Main motor	Band motor
KV-BP-01	One box	5500	1800	6518	2-3	20	2

KV-BP-02

Hydraulic Bale Press Double Box



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Hydraulic Bale Press Double Box

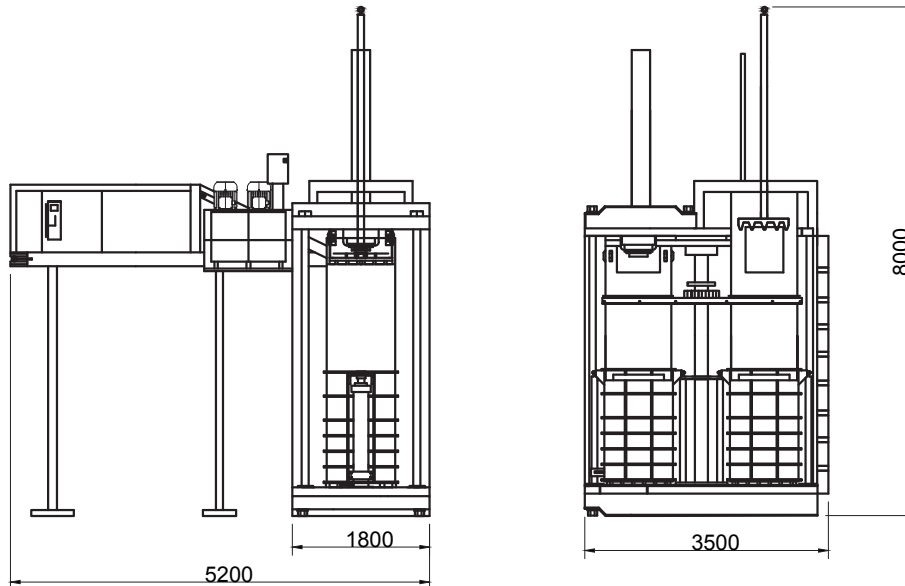
KV-BP-02

- Working Hydraulically
- Easy Operation
- Highest capacity
- Adjustable to customer use

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



HYDRAULIC BALE PRESS (DOUBLE BOX)



Tel : + 90 0232 478 48 14 - Fax : +90 0232 478 48 26
Address : Cinar Sok. No:12 (35410) Ege Serbest Bolgesi Gaziemir Izmir / TURKEY

Technical Description

Model	Dimensions (mm.)				Capacity (Bale/hr)	Motor Power (H.P.)			
	Type	Length	Width	Height		Main motor	Dumper motor	Rotating motor	Band motor
KV-BP-02	Double box	5200	3500	8000	5-7	20	10	1,5	2

Lintcleaner

With 50 years experience,
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LINTCLEANER

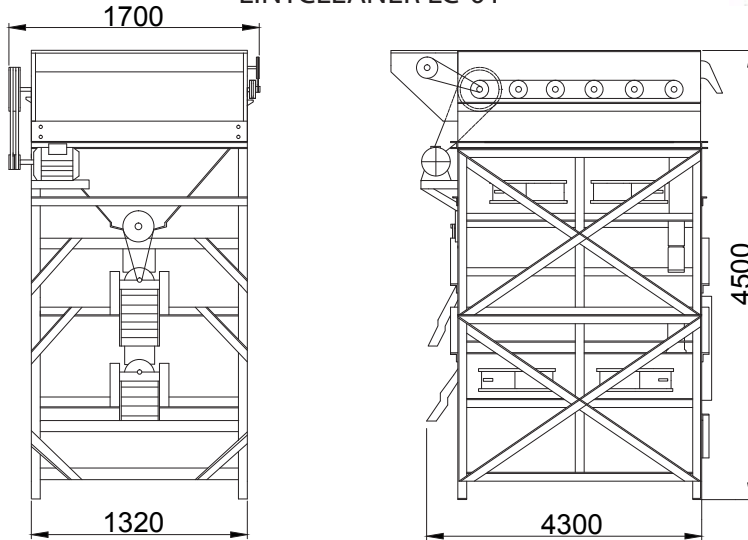
KV-LC-01

- Easy Operation
- Multiple-stage screening
- Perfect cleaning

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.



LINTCLEANER LC-01



Technical Description

Model	Dimensions (mm.)			Motor Power (H.P.)
	Length	Width	Height	Machine
KV-LC-01	4300	1700	4500	5,5

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KV-42 & KV-36



Saw Sharpening Machinery

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Saw Sharpening Machinery

KV-42 & KV-36

KV-42 Saw Sharpening Machine is produced for Linter Machine KV-210,
KV-36 Saw Sharpening Machine is produced for Linter Machine KV-176

- Easy Operation
- Automatic Sharpening,
- Double Motor Driving.

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.

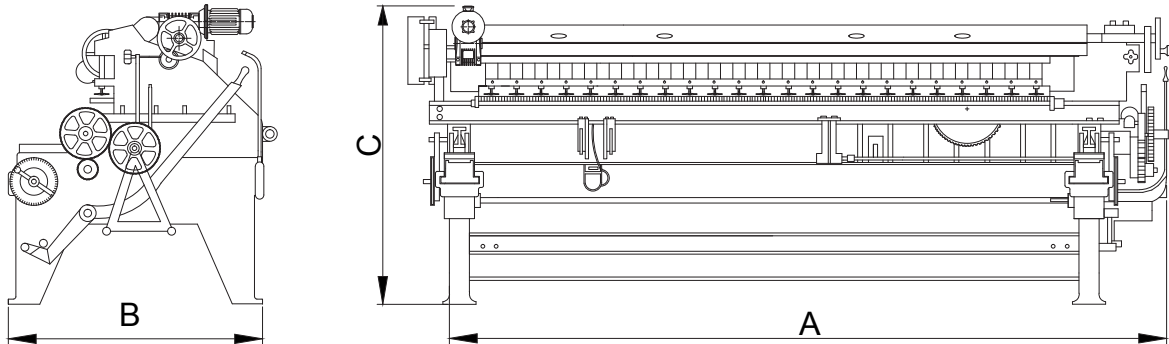
The machine is working fully automatic after placing the saw cylinder in place and adjusting the index crank to the correct setting.

During the separating process of cotton and the seed, Linter saws are exposed to the wearing, and their teeth are getting wiped out.

The saw cylinder should be sharpened in every 8 hours. This duration can be changed according to cotton range obtained, the humidity of the seeds, the capacity processing by the machine.



SAW SHARPENING MACHINE



Technical Description

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

KV-K-75&K-150&K-200



Huller Machine

With 50 years experience,
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Huller Machine

KV-K-75&K-150 &K-200

- Easy operation
- Perfect outcome
- Easy maintenance
- Long-lasting usage

Huller machine gives perfect outcome in the huller procedure of oil seeds such as sunflower kernel, soybean, cottonseed etc.

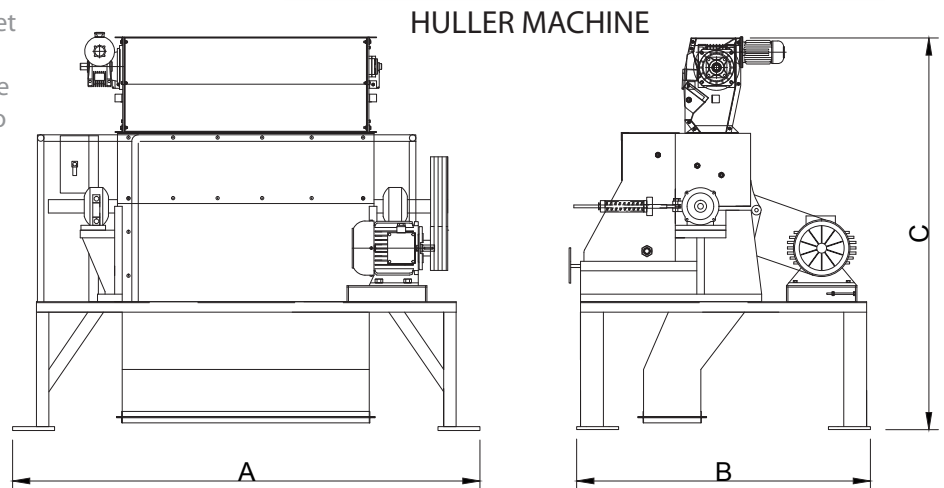
The capacity is changed according to the quality, type, and the humidity of the seeds, and foreign material within.

The huller is constructed of extra steel and iron casting and equipped with one rotating cylinder and one stationery part with replaceable huller knives. The huller knives are special hardened against abrasion wear. The huller processing is done by these knives which are lined up on rotating cylinder and the knives which are lined up on stationery body.

The stationery body are lined with knives is designed adjustable according to the sort and size of the seed.

The machine is equipped with a variable speed feeder with magnet in order to prevent metal pieces which may enter into the machine and to protect the huller knives to get excellent durability.

We produce 3 various types of Huller Machine according to producers' capacity requests;



Technical Description

Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)	
	A	B	C		Machine	Feeder
KV-K-75	1665	1800	1845	75 (± 10%)	20	1,5
KV-K-150	1865	1800	1845	150 (± 10%)	30	2
KV-K-200	2450	2040	2050	200 (± 10%)	40	2

KV-KE-02 & KE-04



Huller Shaker

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Huller Shaker

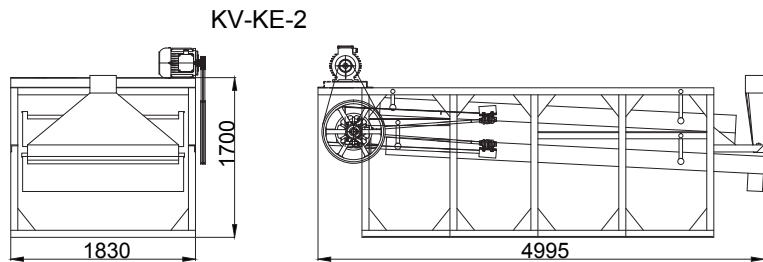
KV-KE-02 & KE-04

- Easy and safe operation
- Adjustable screens to the processed seed
- Long-lasting usage

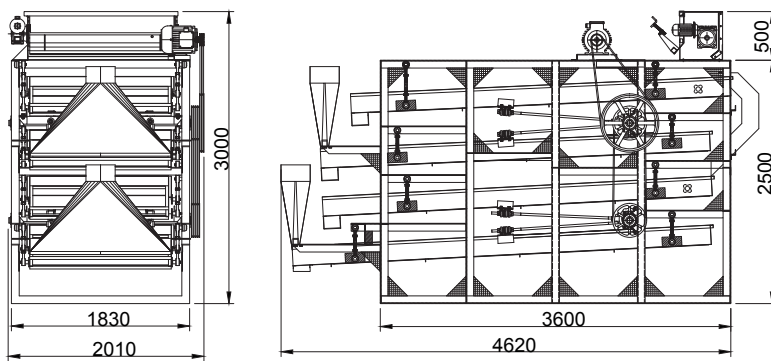
This machine is used to separate shell from the inside product. Certain amount of shell remained on top of the shaker is carried away by fan absorption system.

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 different types of Huller Shaker such as Two Tray and Four Tray Huller Shaker:



KV-KE-4



Technical Description

Model	Type	Dimensions (mm.)			Capacity (MT/24H.)	Motor Power (H.P.)
		Length	Width	Height		
KV-KE-02	2 Tray	4995	1830	2050	100 (± 10%)	4
KV-KE-04	4 Tray	4620	2010	3000	180 (± 10%)	5,5

KV-HB-01 & HB-02

Double Drum Hull Beater



With 50 years experience,
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Double Drum Hull Beater

KV-HB-01 & HB-02

- Easy operation
- High efficiency
- Regain the meat of the oil seeds

Double Drum Hull Beater is working with two rotating drums and two heavy paddle shafts for hulls or tailings.

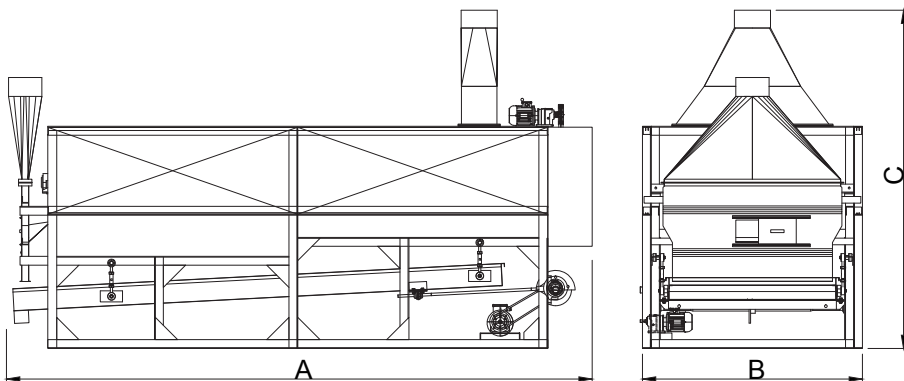
The two rotating drums inside of the machine and the rods which are rotated in opposite ways and with perforated metal sheet regain the oily inner part of the hull.

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;



Double Drum Hull Beater



Technical Description

Model	Dimensions (mm.)			Capacity (MT/24H.)	Motor Power (H.P.)	
	A	B	C		Machine	Shaker
KV-HB-01	4300	1980	3045	125 (± 10%)	5,5	1,5
KV-HB-02	5300	1980	3045	200 (± 10%)	5,5	2

Screening Tank

With 50 years experience,
COTTONSEED AND OTHER OILSEED
PROCESSING MACHINERY



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Screening Tank

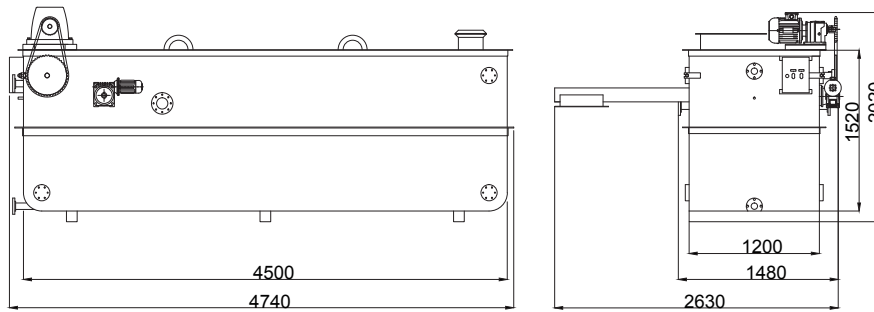
KV-SCT-01 & SCT-02

- High efficiency
- Easily replaceable scrappers
- Extension the charging of filter press

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 sedimen 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.



SCREENING TANK



Technical Description

Model	Dimensions (mm.)			Capacity (m ³)	Motor Power (H.P.)
	Length	Width	Height		
KV-SCT-01	3240	1200	2020	5	4
KV-SCT-02	4740	2630	2020	8	7,5

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KV-F25 & F50 & F65 & F80 & F100

Filter Press

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Filter Press

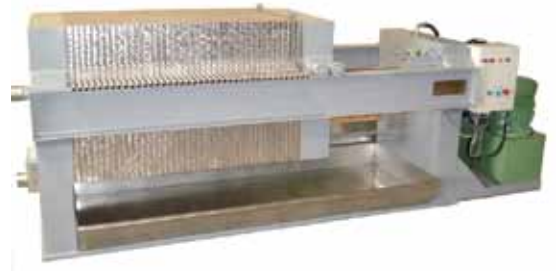
KV-F25 & F50 & F65 & F80 & F100

- Easy operation
- Low maintenance
- Efficient and economical usage

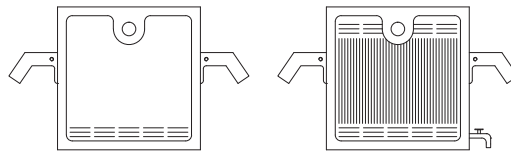
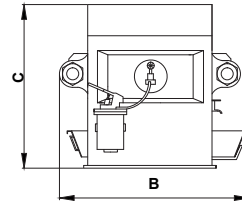
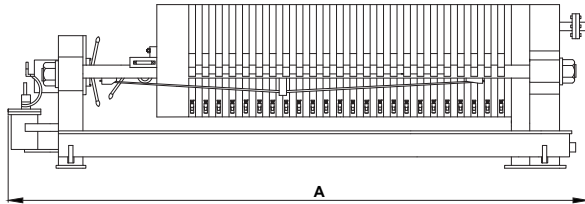
Filter press cleans the foreign materials included in the oil and produces lucid oil in order to use in edible oil industry, chemical, petrol, food industry, and all kind of liquid filtration processes.

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;



FILTER PRESS



Technical Description

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

Plate Types: Pig iron, Stainless steel, Aluminum, Polypropylene

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KV-RM-600



Flaking Roller Mill

With 50 years experience,
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Flaking Roller Mill

KV-RM-600

It is used for flaking of multiple crushed oilseeds like white cottonseed, sunflower 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.

Easy operation:

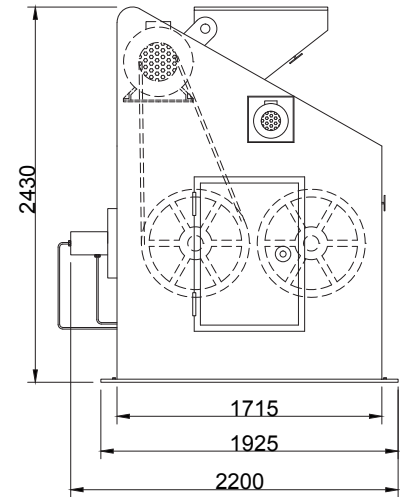
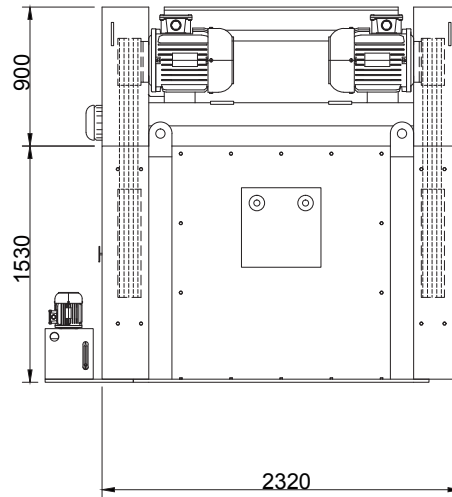
- The pressure of the rollers can be manually adjusted by hydraulic unit.
 - The desired thickness of the flakes is set by the hydraulic pressure.
- The machine is equipped with a variable speed feeder.

Low maintenance:

- The scrapers clean the rollers during operation.
- The covers on the machine provide easy maintenance and samples to be taken.



FLAKING ROLLER MILL KV-RM-600



Technical Description

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

KV-P-201

Oil Press

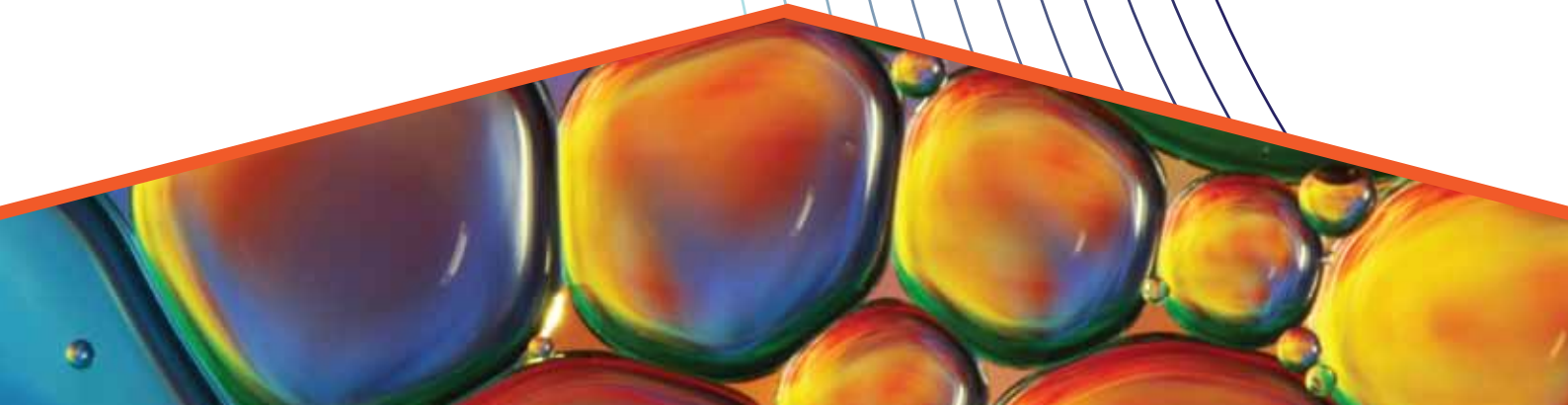
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Oil Press

KV-P-201

It is used for pressing and extraction of the oil and the cake of multiple crushed oilseeds such as cottonseeds, sunflower 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.

A very strong helical gear box ensures 24 hour production as well as high quality and efficient use.

Easy operation:

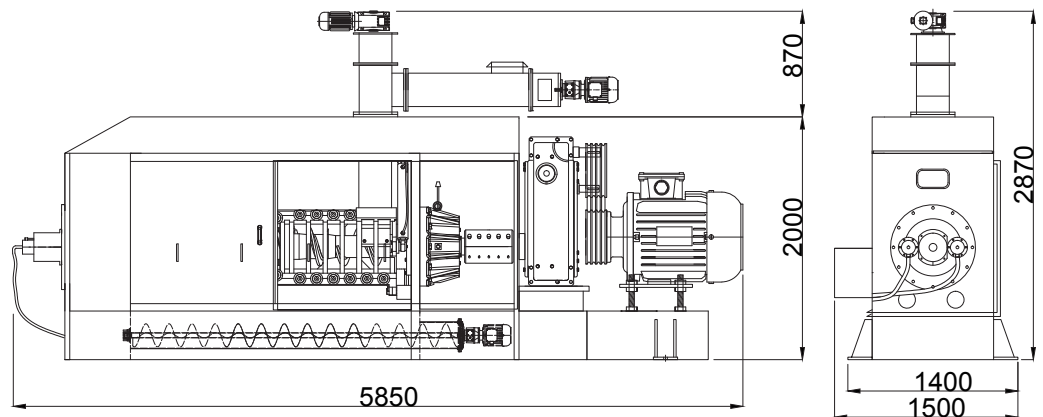
- The cake thickness adjustment is made and can be controlled by the hydraulic system.
- The cages are opening and closing hydraulically.
- The machine is equipped with a variable speed feeder.

Increased Safety:

- A special coupling system is designed for the shaft protection.
- The hydraulic moveable cone system allows a fast trouble free start up and shut down of the press and for pressure regulation.



OIL PRESS KV-P-201



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Technical Description

Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)			
	Length	Width	Height		Main	Feeder	Oil Conveyor	Hydraulic Unit
KV-P-201	5850	1500	2870	Pre-press: 200 (± 10%) Full-press: 60 (± 10%)	150-200	4 (2 pcs.)	1,5	4

KV-CB-250

Cake Breaker

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Cake Breaker

KV-CB-250

Tel : + 90 0232 478 48 14 - Fax : +90 0232 478 48 26
Address : Cinar Sok. No:12 (35410) Ege Serbest Bolgesi Gaziemir Izmir / TURKEY

- Easy maintenance
- Easily replaceable knives
- High capacity

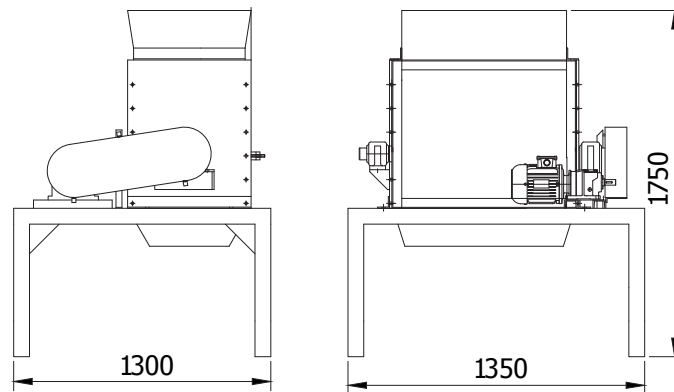
For breaking the cakes of sunflower seed, soybean, cottonseed... etc., before they are pulverized, Cake Breaker gives a perfect outcome in breaking process.

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.



CAKE BREAKER



Technical Description

Model	Dimensions (mm.)			Capacity (MT/24 H.)	Motor Power (H.P.)
	Length	Width	Height		
KV-CB-250	1350	1300	1750	250 (± 10%)	15 Gearbox Motor