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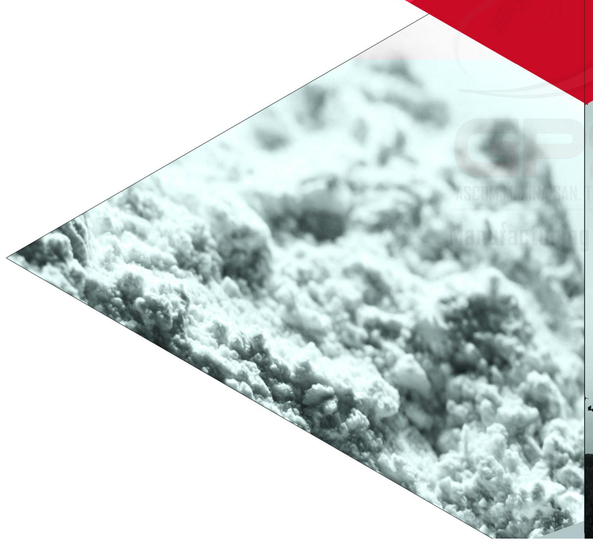
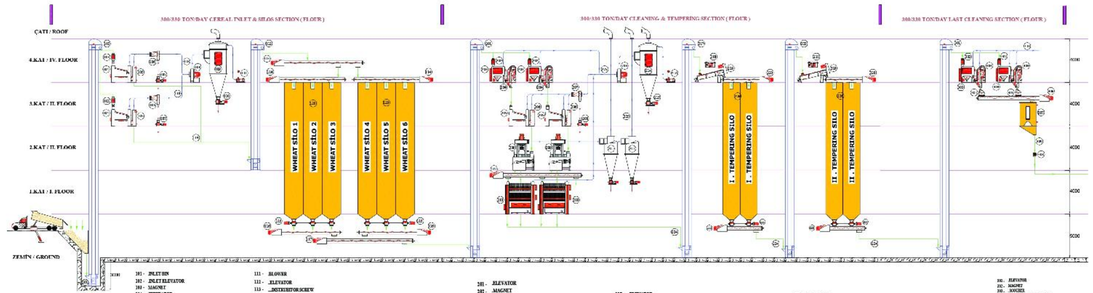


# FIOUR
## PRODUCTION LINE

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



401 - ROLLER MILL
402 - ...PNEUMATIC PIPES AND ELBOWS
403 - SIFTER
404 - ...PNEUMATIC CYCLONE
405 - ...STAND.PNEUMATIC PURIFIER
406 - ...DUST ASPIRATOR
407 - ...JET FILTER
408 - ...AIR LOCK
409 - BLOWER
410 - ...FLOUR SCREW CONVEYOR
411 - VIBROSIFTER
412 - ...BRAN FINISHER
413 - SCREW
414 - SCREW
415 - ...HEMOLYN IMPACT DETACHER
416 - DETACHER
417 - DUST ASPIRATOR
418 - JET FILTER
419 - AIR LOCK
420 - BLOWER
421 - AIR COMPRESSOR
422 - VIBRO BRAN FINISHER
423 - PRODUCT FLOW PIPES
424 - AIR PIPES
501 - ELEVATOR
502 - ELEVATOR
503 - SCREW TOP SILOS
504 - SCREW TOP SILOS
505 - BOTOFLOW
506 - TUBE SCREW
507 - SCREW
508 - ELEVATOR
509 - SCREW
510 - MAGNET
511 - DISTRIBUTOR
512 - ...CONTROL SYSTEM (AUTO)
513 - ...SIFTER DOWNCOMER
514 - PACKING MACHINE
515 - ELEVATOR
516 - SCREW TOP SILOS
517 - BOTOFLOW
518 - TUBE SCREW
519 - PACKING BINS
520 - ELEVATOR
521 - ...SCREW TOP SILOS
522 - ...BOTOFLOW
523 - ...TUBE SCREW
524 - ...PACKING BINS
525 - ...AIR COMPRESSOR
526 - ...PRODUCT FLOW PIPES
527 - ...FLOOR SILO
528 - ...BRAN SILO
529 - ...OFFAL SILO

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.

- **Flour:**
  - * Wheat flour
  - * Corn flour
- **Semolina**
  - * Wheat Semolina
  - * Corn Semolina



GPS-ASCOM

# 1- Receiver and Cleaning Section


Separator 3


Separator Double 4


Separator With Door 5


Combi Separator 6


Air canal 7


Grain cleaning aspiration 8


Scourer 9


Degerminator 10


Radial air separator 11


Radial air separator 12


Dry stone separator 13

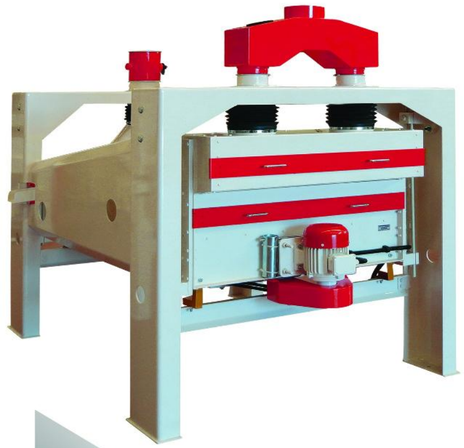

Dry stone separator 14


Vibrograder 15


Ultra trieur 16

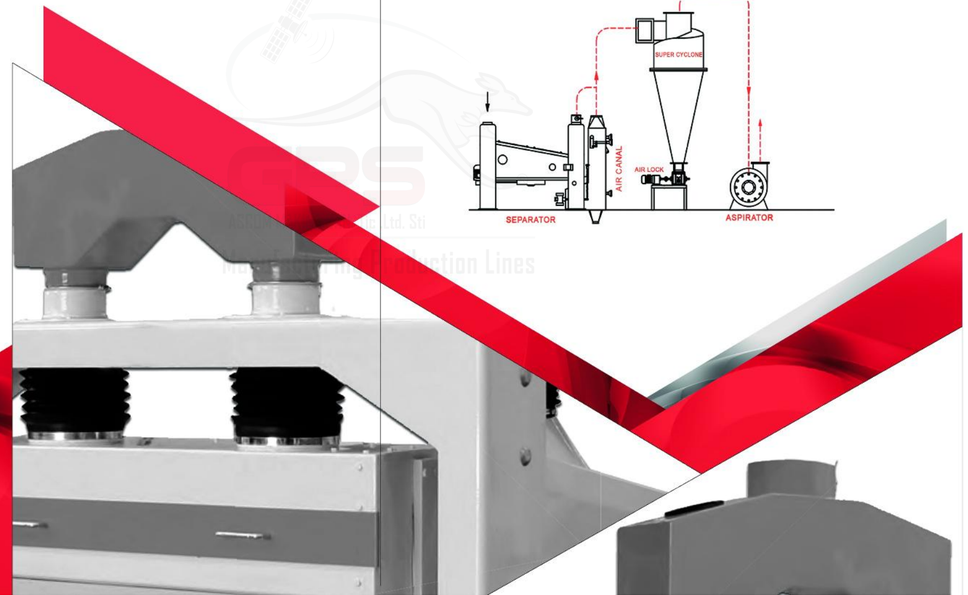

Ultra trieur 17

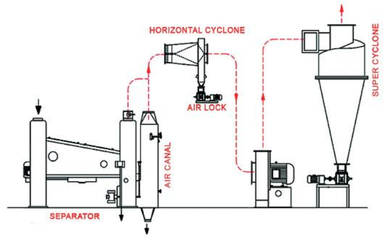
# 3 ▸ SEPARATOR GTMA



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.

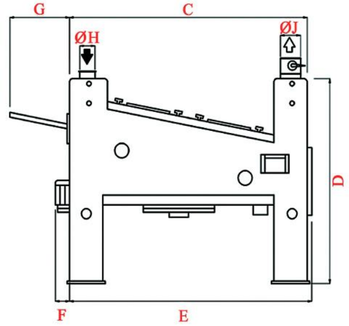
It moves by eccentric system and used terso holes sheets on filter and it provides very effective eliminating and separating process. Machine dimensions are very small with respect to its capacity. Two folded tambour are suspended at four corners of metalic elastic rods on the chassis, which is made 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.

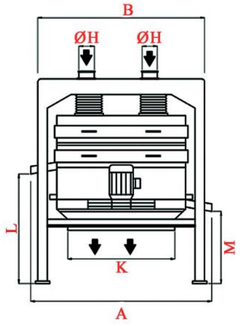








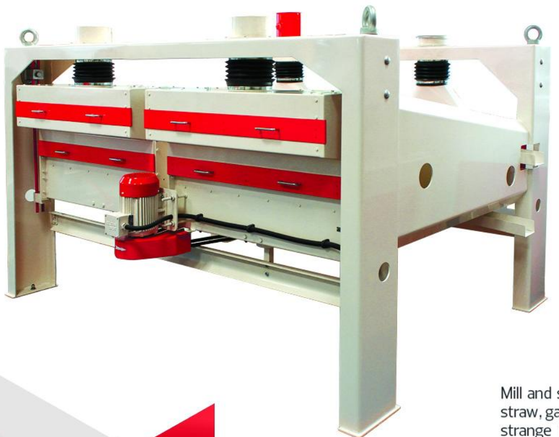


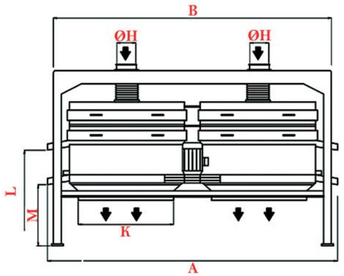

| TYPE | DIMENSIONS (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GTMA | A | B | C | D | E | F | G | ØH | ØJ | K | L | M |
| 10100 | 1355 | 1300 | 1300 | 1255 | 1325 | 120 | 1250 | 115 | 1X180 | 1X878 | 430 | 210 |
| 15100 | 1410 | 1290 | 1810 | 1510 | 1840 | 120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

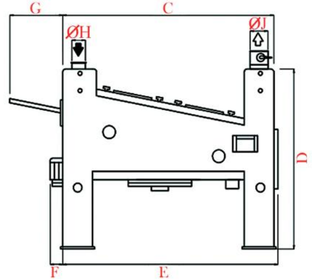
| TYPE | Capacity (t/h) | | Motor | | | Mana Ø | Air Need m³ / min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GTMA | 1.Cleaning | 2. Cleaning | CEI Standart | Kw | rpm | | | Net | Gross | Pachage m |
| 10100 | 9-12 | 6 | AGM 90 S4 | 1,1 | 1500 | 350 | 12 | 455 | 610 | 3,4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

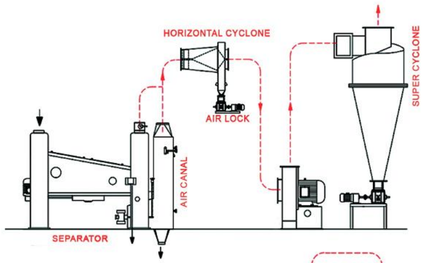
# 4 ▸ SEPARATOR GTMA

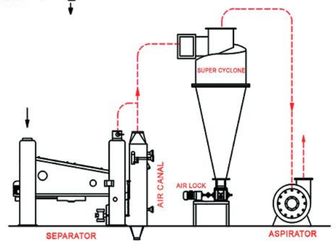


Mill and silo separator is used for separating straw, garbage, spikes, stones, and unwanted strange impurities from the received cereals to get pure and clean wheat.
The separator has been modified to a smaller size with more capacity to produce more wheat the machine is built with two levels that are hanged by metal bars from four sides that are being held by the main chasse. The motor is mounted on the kart to get a circular movement using the V shaped belt that allows rotating.




| TYPE | Capacity (t/h) | | Motor | | | Mana Ø | Air Need m³ / min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| DATMA | 1.Cleaning | 2. Cleaning | CEI Standart | Kw | rpm | | | Net | Gross | Pachage m³ |
| 15100/D | 60-80 | 24 | AGM 90 L4 | 1,5 | 1500 | 500 | 52 | 960 | 1280 | 7,5 |

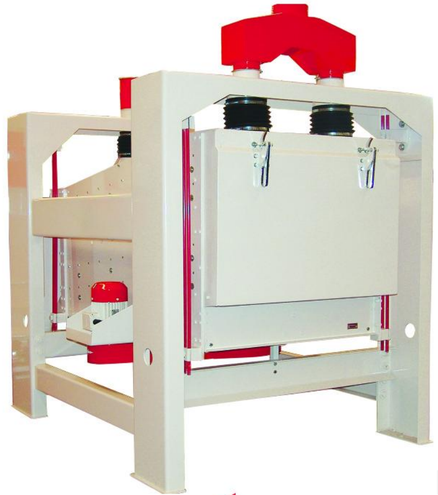
| TYPE | DIMENSIONS (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DATMA | A | B | C | D | E | F | G | ØH | ØJ | K | L | M |
| 15100/D | 2540 | 2440 | 1810 | 1510 | 1840 | 120 | 1000 | 2x170 | 2X180 | 2x878 | 840 | 470 |

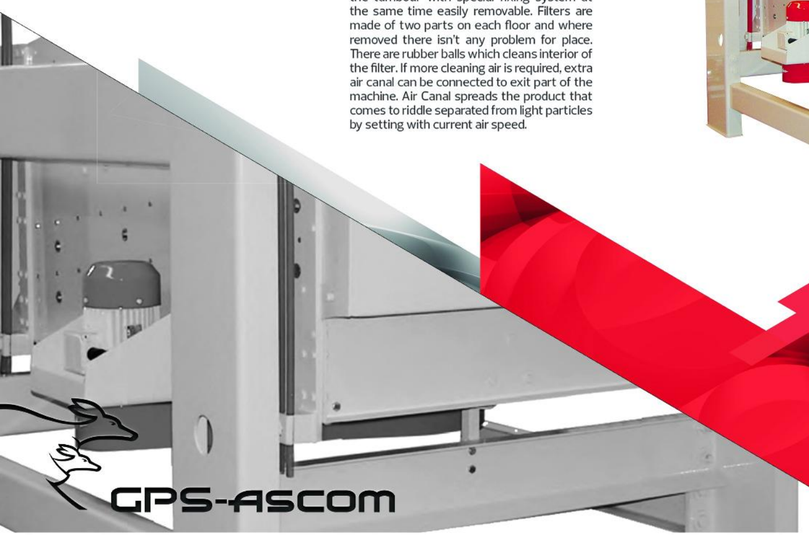
GPS-ASCOM

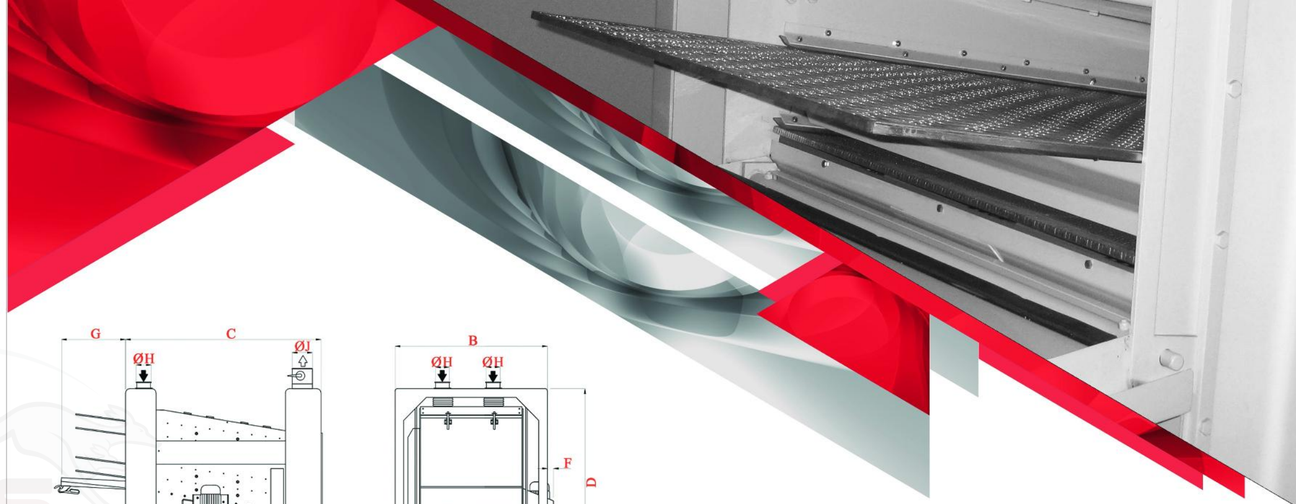
# 5 ▸ SEPARATOR GEDX

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 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 metalic 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.





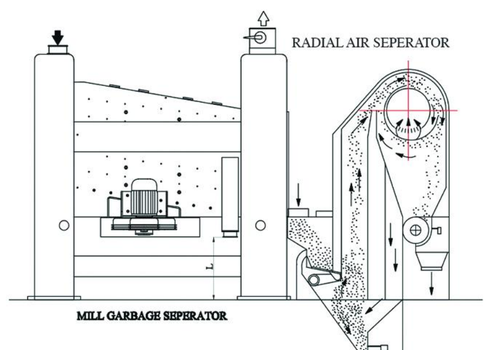






| TYPE | DIMENSIONS (mm) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GEDX | A | B | C | D | E | F | G | ØH | ØJ | K | L | M |
| 15100 | 1580 | 1500 | 1925 | 1845 | 1970 | 60 | 1000 | 2x115 | 180 | 878 | 855 | 470 |
| 15125 | 1830 | 1750 | 1925 | 1845 | 1970 | 60 |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

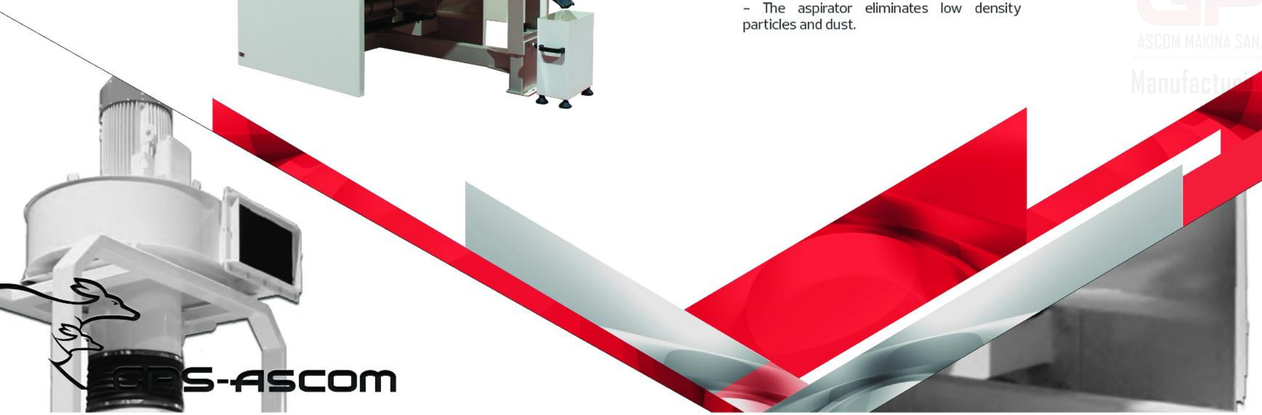
| TYPE | Capacity (t/h) | | Motor | | | Mana Ø | Air Need m³ / min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GEDX | 1.Cleaning | 2. Cleaning | CEI Standart | Kw | rpm | | | Net | Gross | Pachage m³ |
| 15100 | 45-70 | 25 | AGM 90 L4 | 1,5 | 1500 | 400 | 32 | 690 | 845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

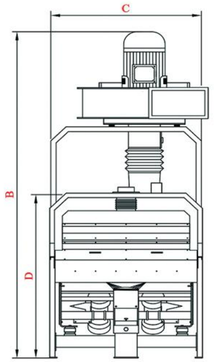


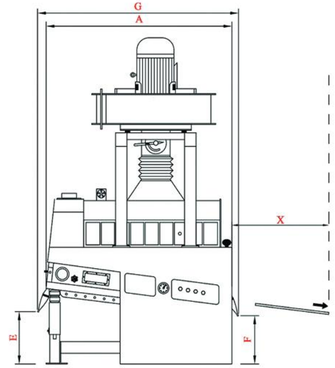
Combi separator machines have one machine frame, one common vibrator drive, one machine housing for three operations. Combi separator machines have compact and space saving design and also two machine in one body.

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

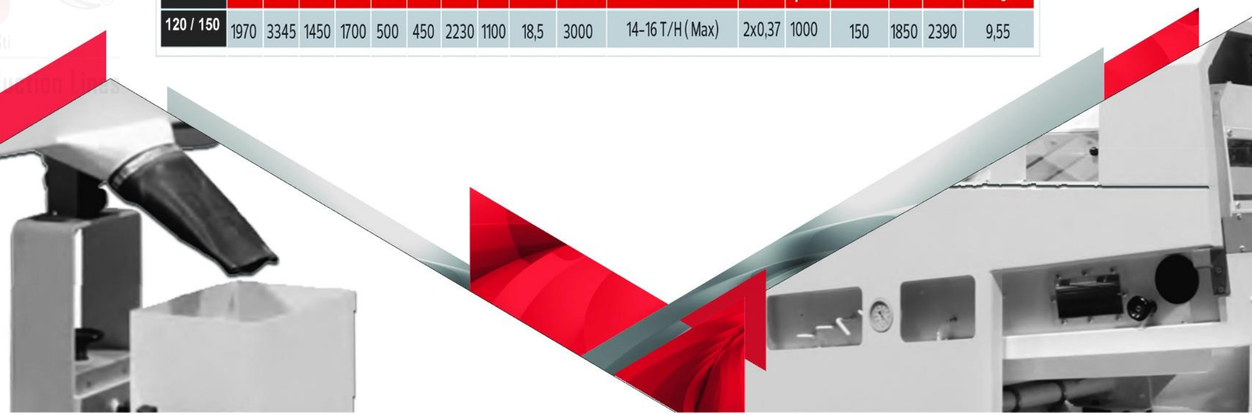
The importance of combi separator machine based on his functions and explain bellow;
- The machine is driven by two synchronized vibrators.
- Easy adjustment of the sieve inclination.
- The classification of plain in to high density (heavy) and mixed fraction and the machine simultaneously functions as a destoner.
- By using fine regulation of the air velocity for separation of the light franctions 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.





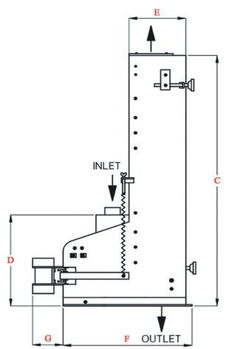

| TYPE | DIMENSIONS (mm) | | | | | | | | Fan Motor | | Capacity | MOTOR | | Air Need | Approx Weight Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GEDX | A | B | C | D | E | F | G | X | kw | RPM | ( For Wheat ) | Kw | rpm | m3 / min | Net | Gross | Package m³ |
| 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 |

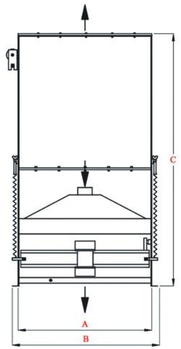


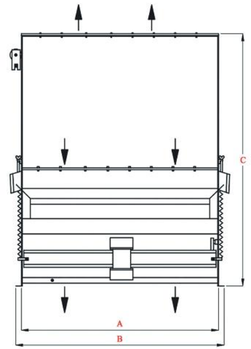
# 7 ▸ AIR CANAL GVSE

Air Canal used for separating strange materials lighter than cereals by air.
Air canal provides optimum productivity for separating light weight grains in other words, cereal, soy bean, peanut, legumes, etc. It can be mounted behind the machines such as garbage separator and scourer and since the number of layer is not many, it offers great advantage for the plants. It provides optimum working efficiency. This stage has great advantages in factory, which has lower floor numbers.

Product flowing has widespread and smoothly by vibrated movement of feed board where has the wideness of the canal in entrance of the product section. Thus, product spreads as required density. Advantage of the back current is movement of all along the canal, canal
section has setting in respect flow of desire by the help of fixing bolts. Air velocity setting in canal sensitively. Thus, light grains which in the cereals decomposed as to desire. It has a universal use for all kinds of fluids. It can be fixed to central aspiration system.

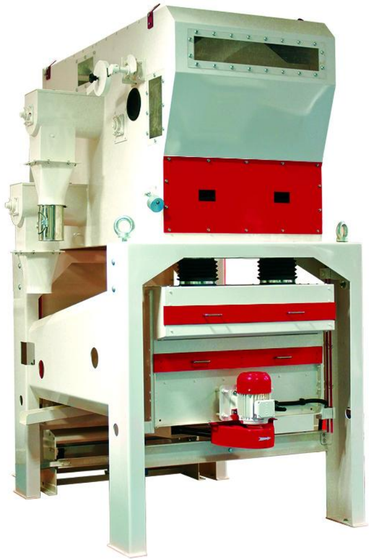


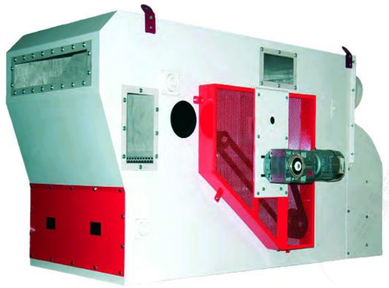



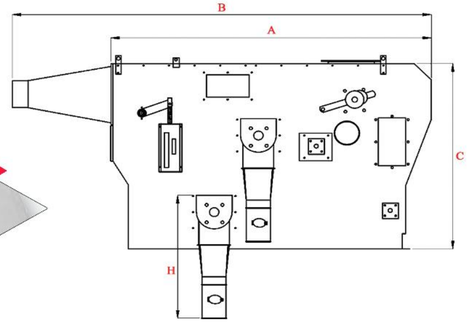



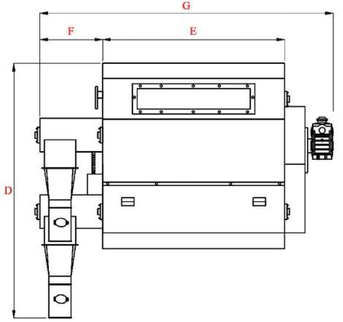

| TYPE | DIMENSIONS (mm) | | | | | | | Capaciy (t/h) | | Aspiration m³/min | | MOTOR | | | Approx Weight Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GVSE | A | B | C | D | E | F | G | 1.Cleaning | 2. Cleaning | 1.Cleaning | 2.Cleaning | CEI Standart | Kw | rpm | Net | Gross | Package m³ |
| 50 | 500 | 585 | 1455 | 430 | 222 | 612 | 1250 | 26 | 6 | 36 | 22 | BM 90/15 | 0,05 | 1500 | 75 | 115 | 1,45 |
| 75 | 750 | 835 | 1455 | 555 | 222 | 612 | 1355 | 40 | 9 | 54 | 34 | BM 90/15 | 0,05 | 1500 | 95 | 130 | 2,1 |
| 100 | 1000 | 1085 | 1455 | 680 | 322 | 712 | 2525 | 66 | 16 | 90 | 56 | BM 90/15 | 0,05 | 1500 | 130 | 195 | 2,9 |
| 150 | 1500 | 1585 | 1455 | 680 | 322 | 712 | 2525 | 100 | 24 | 135 | 84 | BM 90/15 | 0,05 | 1500 | 145 | 215 | 4,30 |

Machine is used to separate different types of particles and strange materials and dust by using of air current.
Machine works at two steps. In first step, it separates straw, garbage and other strange particles from grains and it helps the cleaning separator.
In second step, grains which passing from cleaning separator to the air canal are exposed to air current and again accurate separation is done. This super grain separator discharges impurities from second different ports.





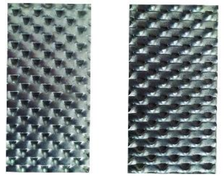


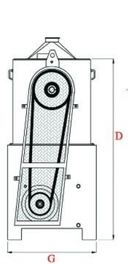

| TYPE | DIMENSIONS (mm) | | | | | | | Capacity t/h | | Aspiration m³/min | | Reducer | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GSQA | A | B | C | D | E | F | G | 1.Cleaning | 2.Cleaning | 1.Cleaning | 2.Cleaning | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| 1000 | 1880 | 2460 | 1160 | 1780 | 1050 | 400 | 335 | 70 | 24 | 90 | 60 | EV063 x3 80/4B | 0,75 | 144 | 445 | 620 | 4,5 |

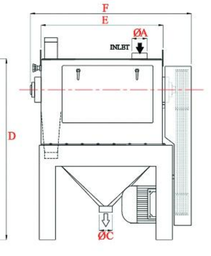
# 9 ▸ SCOURER GHXS

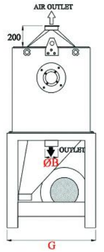
Scourer Machine cleans grains and hard grains and seeds as wheat, by friction and kneading processes. It is a high efficient machine provides refinement of substances such as, dust, sand, bark, insect legs and bacterium. During first cleaning process, this machine cleans wheat from strange particles and the odd and different particles.
However in the second cleaning process, since the product has been dampened it achieves high peeling.
This machine contains cast iron plate with a special shape to achieve the mission perfectly.

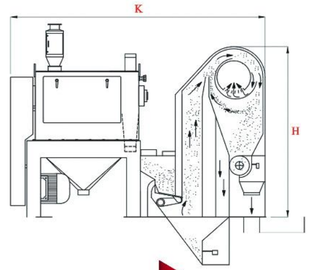


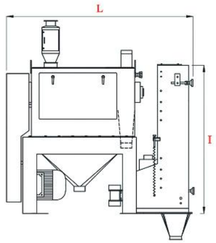
| TYPE | DIMENSIONS (mm) | | | | | | | | | | | CAPACITY (t/h) | | MOTOR | | | ROTOR VELOCITY rpm | | Air Need | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GHXS | OA | OB | OC | D | E | F | G | H | I | K | L | 1.Cleaning | 2.Cleaning | CEI Standart | Kw | Rpm | 1.Cleaning | 2.Cleaning | $m^3$/ min | Net | Gross | Package $m^3$ |
| 45/80 11 | 145 | 145 | 115 | 1650 | 1125 | 1450 | 820 | 1800 | 1460 | 2400 | 2200 | 11–13 | 9–11 | GM 160 L6 | 11 | 1000 | 450 | 550 | 25–40 | 1020 | 1100 | 2,35 |
| 45/80 15 | 145 | 145 | 115 | 1650 | 1125 | 1450 | 820 | 1800 | 1460 | 2400 | 2200 | 13–15 | 11–13 | GM 180 L6 | 15 | 1000 | 550 | 650 | 35–40 | 1035 | 1150 | 2,35 |
| 45/80 18,5 | 145 | 145 | 115 | 1650 | 1125 | 1450 | 820 | 1800 | 1460 | 2400 | 2200 | 16–19 | 14–16 | GM 200 Lq | 18,5 | 1000 | 650 | 750 | 45–60 | 1060 | 1200 | 2,35 |
| 45/80 22 | 145 | 145 | 115 | 1650 | 1125 | 1450 | 820 | 1800 | 1460 | 2400 | 2200 | 18–22 | 16–18 | GM 200 L6b | 22 | 1000 | 750 | 850 | 45–60 | 1080 | 1250 | 2,35 |

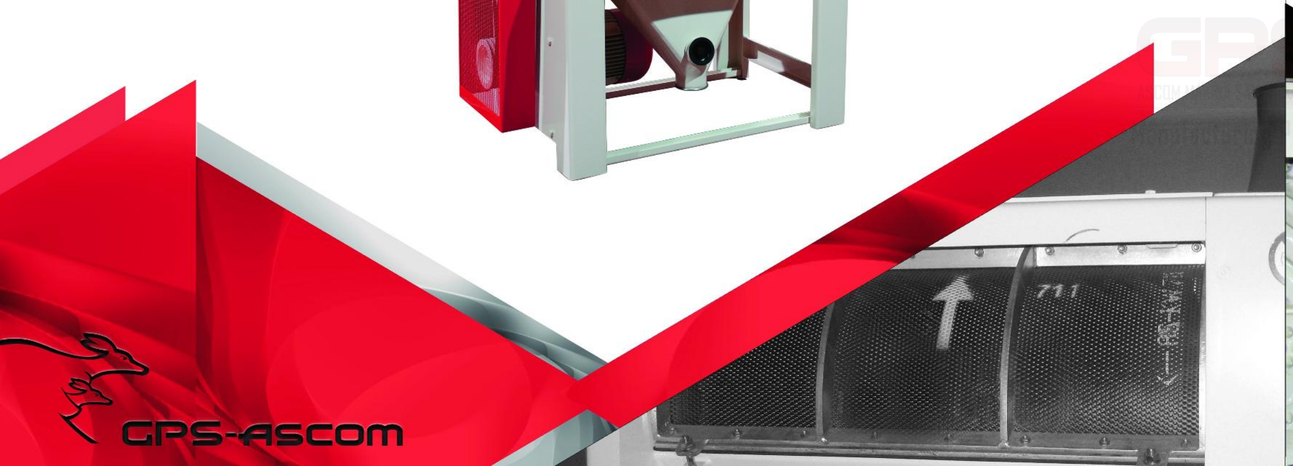


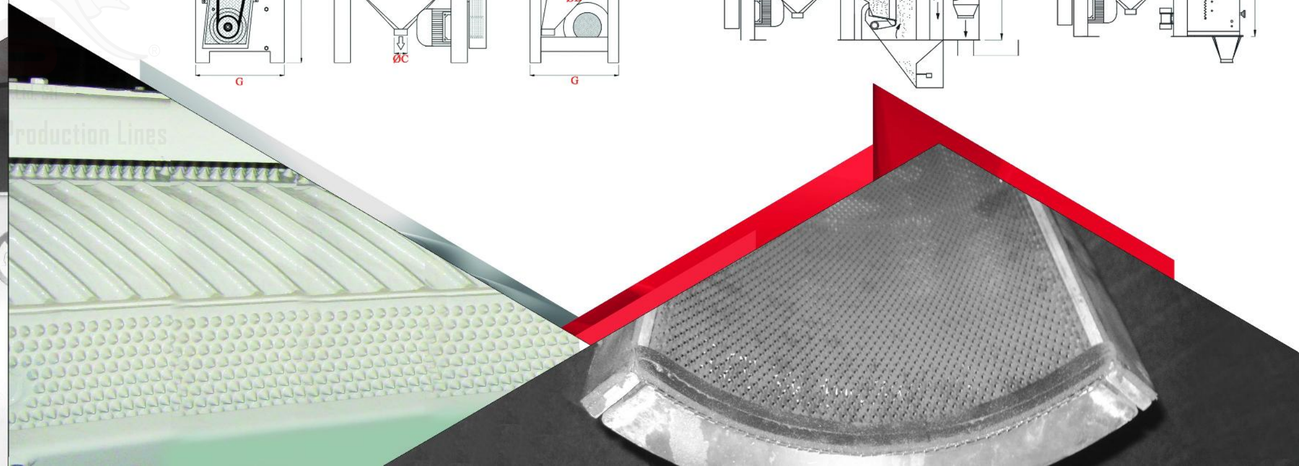



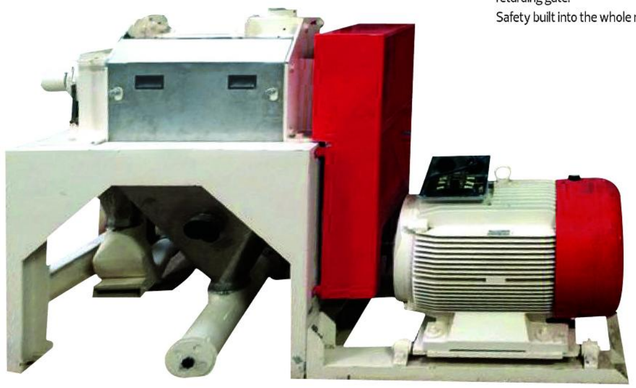



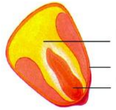





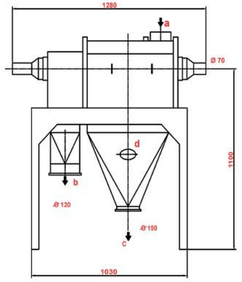
GPS-ASCOM

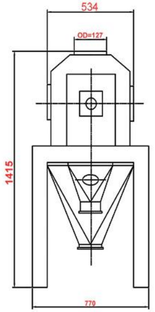
The conditioned maize is drawn in by special – corrugations and conveyed to the noduled section, where the maize kernels undergo intensive rubbing between the nodules arranged on the jacket and rotor.
The hulls, germs and attrition flour drop through the screens to the discharge hopper. The product tailing over the screens is virtually free of hulls, germ & flour. The degree of hulling can be controlled by adjusting the gap by setting the linear pressure with the spring on the retarding gate.
Safety built into the whole machine to avoid injury.









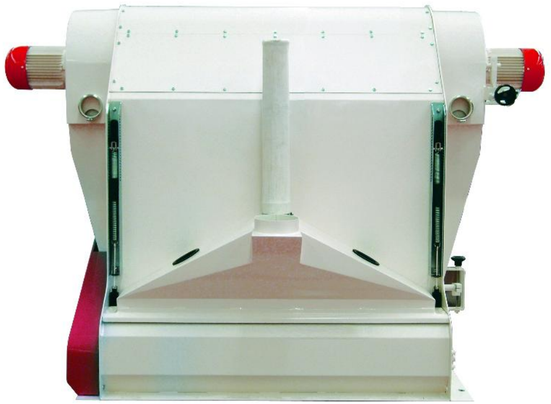

| Type | CAPACITY T/H | Motor Power (kw) | RPM | Net weight | With seaworthy pack | Volume seaworthy pack |
|---|---|---|---|---|---|---|
| GMCS4 | 3-4,5 | 45-55 4 POLE | 720 | 650 kg | 750 kg | 2.3 m³ |



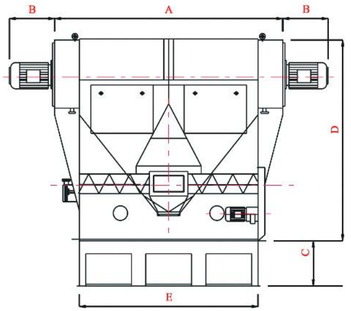
1 - Corn
2 - Grits rough
3 - Grits middle
4 - Grits soft
5 - Germ
6 - Grits moisturizer
7 - Semolina
8 - Crust

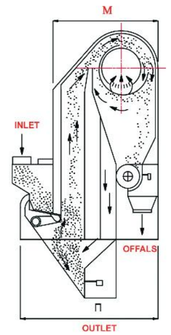
GPS-ASCOM

# RADIAL AIR SEPARATOR
## GVSQ



Radial air separator designed for separating small density and unwanted grains and very small parts of grains shell, peel ect. from wheat, corn, barley and all leguminosae which have high density by the help of air circulation. Radial Air Separator is used in silo for cleaning process or before grinding sections. After grains enter into sink which have vibrational movement, they distribute smoothly and move straight through the air canal section. There is air flow against grain flow direction in the air canal section. This opposite current provide to separate light grains and low density particles from grains. Since the air requirement is minimum, due to closed-circuit operation of the machine, it operates via aspirator on the machine. Ø 100 mm. Pipe on the aspirator should be connected to the interning air system. When air canal section is calibrated at two different points, optimum productivity is achieved.
It is possible to see inside of the machine because the machine is equipped with plexiglas windows.
This machine is unique since has a compact system contains turbine and cyclone.



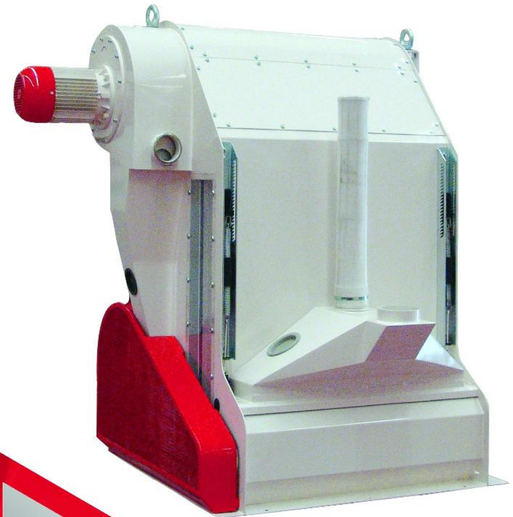




| TYPE | CAPACITY t/h | | Air Need m³/min | | Electrical Motor | | | Reducer Motor | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GVSQ | 1.Cleaning | 2.Cleaning | 1.Cleaning | 2.Cleaning | CEI Standart | Kw | rpm | CEI Standart | Kw | rpm | Net | Gross | Package m³ |
| 600 | 40 | 9 | 8 | 4 | AGM 90 L2 | 2,2 | 3000 | NR 102-80/46 | 0,75 | 256 | 530 | 670 | 3,9 |
| 1000 | 66 | 16 | 10 | 6 | AGM 112 M2 | 4 | 3000 | NR 102-80/46 | 0,75 | 256 | 595 | 770 | 5,2 |
| 1500 | 100 | 24 | 12 | 8 | 2xAGM 112 M2 | 4 | 3000 | NR 102-80/46 | 0,75 | 256 | 855 | 1085 | 7,8 |

| TYPE GVSQ | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 600 | 923 | 280 | 500 | 1729 | 600 | 902 | 1134 |
| 1000 | 1313 | 330 | 500 | 1729 | 990 | 902 | 1134 |
| 1500 | 1944 | 2x280 | 500 | 1729 | 1490 | 902 | 1134 |

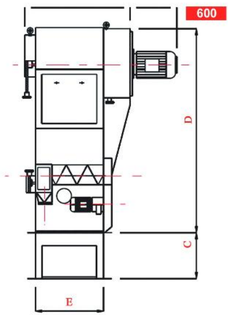
GPS-ASCOM

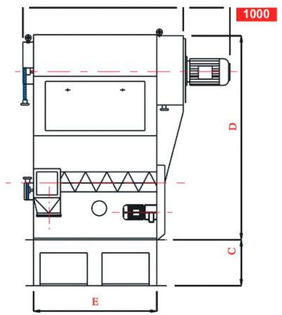
# RADIAL AIR SEPARATOR
## GVSQ

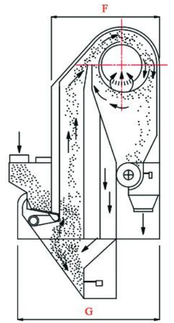


Radial air separator designed for separating small density and unwanted grains and very small parts of grains shell, peel ect. from wheat, corn, barley and all leguminosae which have high density by the help of air circulation. Radial Air Separator is used in silo for cleaning process or before grinding sections. After grains enter into sink which have vibrational movement, they distribute smoothly and move straight through the air canal section. There is air flow against grain flow direction in the air canal section. This opposite current provide to separate light grains and low density particles from grains. Since the air requirement is minimum, due to closed-circuit operation of the machine, it operates via aspirator on the machine. Ø 100 mm. Pipe on the aspirator should be connected to the interning air system. When air canal section is calibrated at two different points, optimum productivity is achieved.
It is possible to see inside of the machine because the machine is equipped with plexiglas windows.
This machine is unique since has a compact system contains turbine and cyclone.



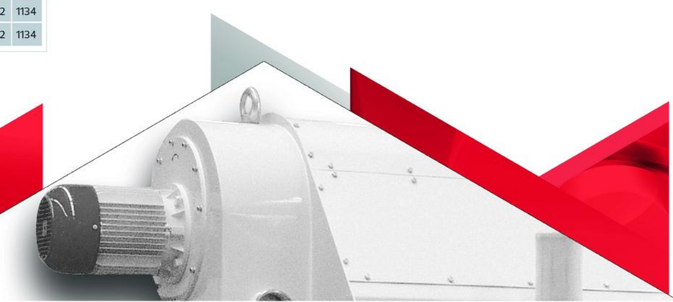



| TYPE | CAPACITY t/h | | Air Need m³/min | | Electrical Motor | | | Reducer Motor | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GVSQ | 1.Cleaning | 2.Cleaning | 1.Cleaning | 2.Cleaning | CEI Standart | Kw | rpm | CEI Standart | Kw | rpm | Net | Gross | Package m³ |
| 600 | 40 | 9 | 8 | 4 | AGM 90 L2 | 2,2 | 3000 | NR 102-80/46 | 0,75 | 256 | 530 | 670 | 3,9 |
| 1000 | 66 | 16 | 10 | 6 | AGM 112 M2 | 4 | 3000 | NR 102-80/46 | 0,75 | 256 | 595 | 770 | 5,2 |

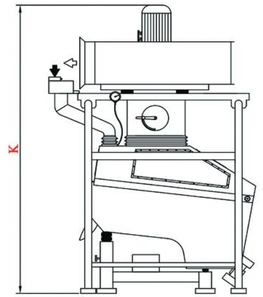
| TYPE GVSQ | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 600 | 923 | 280 | 500 | 1729 | 600 | 902 | 1134 |
| 1000 | 1313 | 330 | 500 | 1729 | 990 | 902 | 1134 |

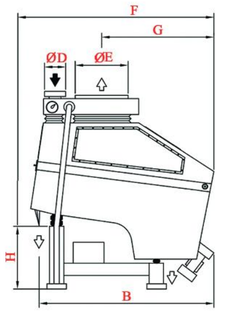


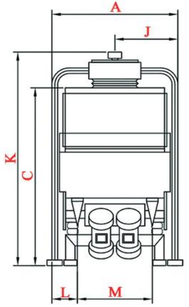
GPS-ASCOM

# DRY STONE SEPARATOR
## GSTC

Dry stone Separator used for separating stones in wheat, barley, corn, lentil, chick-bean, bean , anise , thyme and sesame. Whet 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.



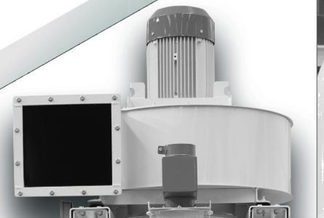



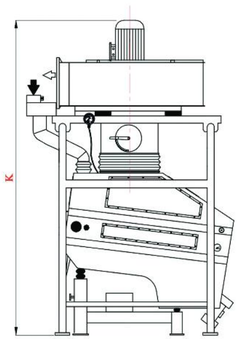



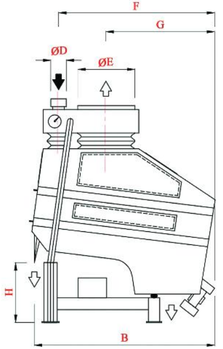

| TYPE | DIMENSIONS (mm) | | | | | | | | | | | | CAPACITY t/h max. | MOTOR | | | Air Need m3 / min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GTSC | A | B | C | ØD | ØE | F | G | H | J | K | L | M | | CEI Standart | Kw | Rpm | | Net | Goss | Package m³ |
| 65/120 | 970 | 1750 | 1450 | 100 | 350 | 1530 | 1100 | 590 | 490 | 1550 | 230 | 430 | 4 | BM 600/10-DM | 0,35 | 1000 | 60 | 310 | 403 | 3,25 |
| 65/120/2 | 970 | 1750 | 1700 | 100 | 350 | 1530 | 1100 | 590 | 490 | 1800 | 230 | 430 | 6 | BM 600/10-DM | 0,35 | 1000 | 75 | 745 | 968 | 6,95 |
| 65/120/A | 1090 | 1750 | 1450 | 100 | 350 | 1530 | 1100 | 590 | 500 | 2650 | 230 | 430 | 4 | BM 600/10-DM AGM 112 M4 | 0,35 4 | 1000 1500 | 60 | 695 | 770 | 6,66 |
| 65/120/2A | 1090 | 1750 | 1700 | 100 | 350 | 1530 | 1100 | 590 | 500 | 2940 | 230 | 430 | 6 | BM 600/10-DM AGM 132 S4 | 0,35 5,5 | 1000 1500 | 75 | 1225 | 1575 | 10,30 |

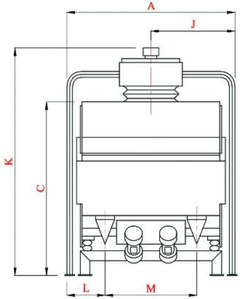
# DRY STONE WITH ASPIRATOR GTSC

Dry stone Separator used for separating stones in wheat, barley, corn, lentil, chick-bean, bean , anise , thyme and sesame. Whet 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.





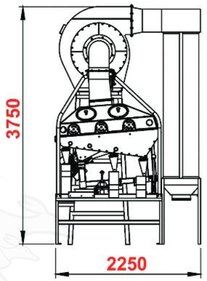



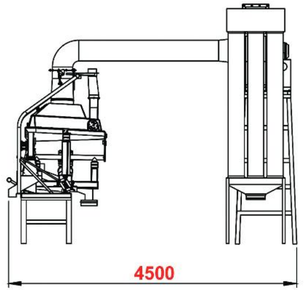



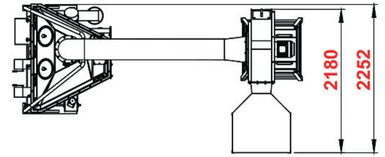

| TYPE | DIMENSIONS (mm) | | | | | | | | | | | | CAPACITY | MOTOR | | | Air Need | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GTSC | A | B | C | ØD | ØE | F | G | H | J | K | L | M | t/h max. | CEI Standart | Kw | Rpm | $m^3$/ min | Net | Gross | Package $m^3$ |
| 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 |

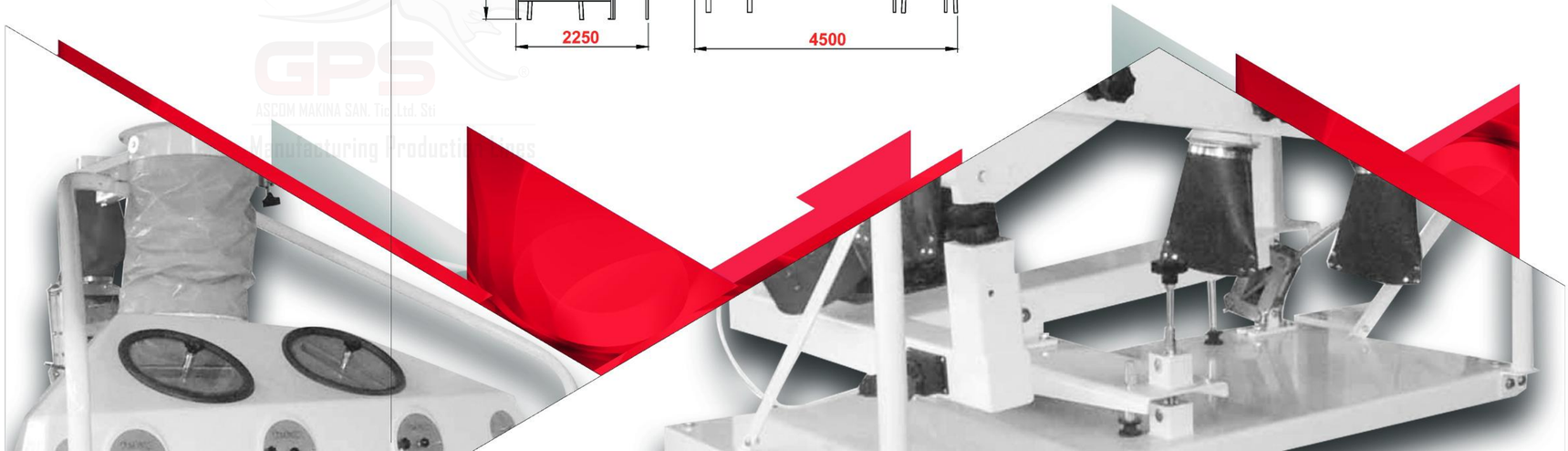
GPS-ASCOM

This machine separates the heavier and lighter grains of cereal and nuts by density differential and air floatation principles. In addition it can also be used seeding grains of products such as wheat, barley, corn. The capacity of the machine is at wheat 2.5 tones/hour, at sunflower 750 kg/hour.



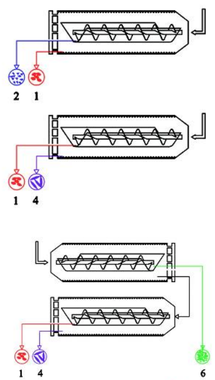



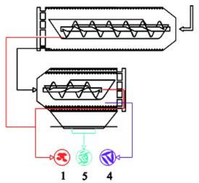



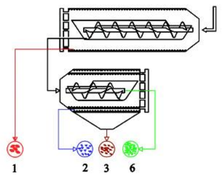
GPS-ASCOM

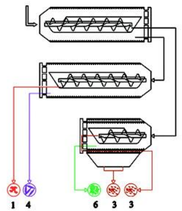
Ultra Trieur is an important machine which is used for separating seeds, barley , broken or long grains and strange particles from the wheat. A cylinder pressed pocket rounds to separate the seed over the plate. Seed fall to the canal at the middle of the cylinder ,and then spiral carrier at the middle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

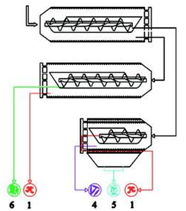
| TYPE | | DIMENSIONS (mm) | | | | | CAPACITY t/h | AIR NEEDED | | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GTEA | | A | B | C | D | E | | $m^3$ | mmWS | CEI Standart | Kw | rpm | Net | Gross | Package $m^3$ |
| Seed | 72/3000/2 | 1370 | 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 |



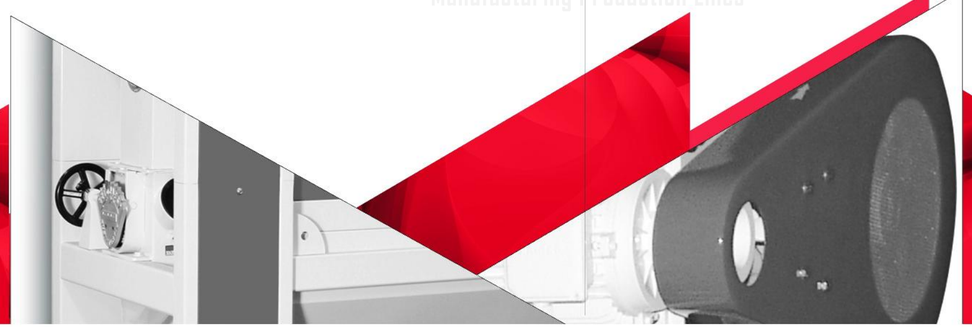



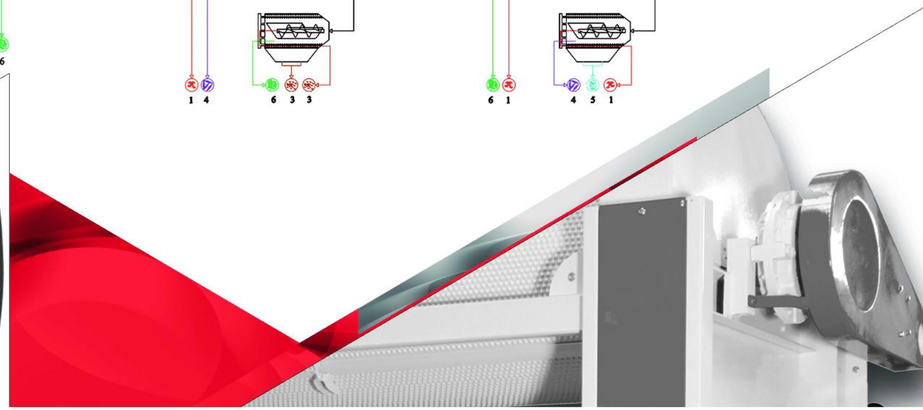




1 – Wheat
2 – Broken Wheat
3 – Small Wheat
4 – Barley
5 – Long Thin Grain
6 – Seed





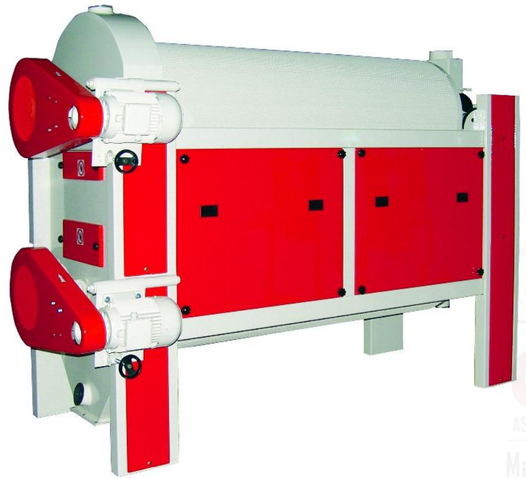


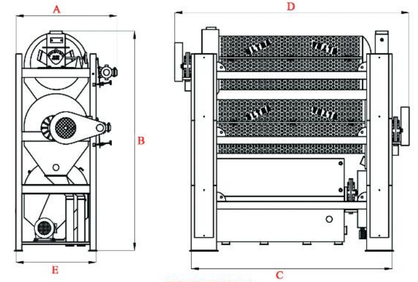
# 17 ▸ ULTRA TRIEUR GTEA

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.

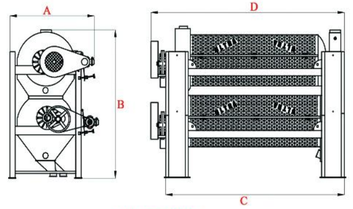
Iron plate cylinders which has different pockets used for long grains, for example, ball-shaped grains and barleys. Same chassis , long and circular type of trieur can be made in respect of requirement. Special machines has control system, which are capable to decompose wheat and wheat shaped seed.

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.

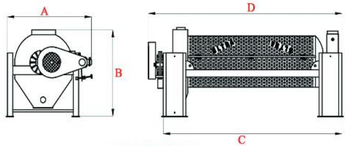





TIP 72/2000/3K




TIP 72/2000/2

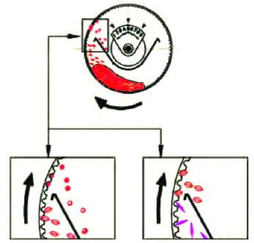



TIP 72/2000/1

Round

Flat

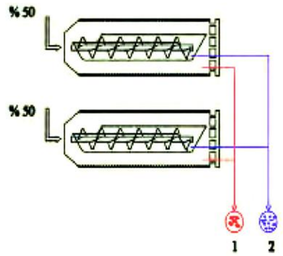
| TYPE | | DIMENSIONS (mm) | | | | | CAPACITY t/h | AIR NEEDED | | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GTEA | | A | B | C | D | E | | m3 | mmWs | CEI Standart | Kw | rpm | Net | Gross | Package m³ |
| Seed | 72/2000/1 | 1340 | 1080 | 2570 | 2860 | 1040 | 3–3,5 | 8 | 10 | AGM 112 M6 | 2,2 | 940 | 730 | 825 | 4,14 |
| Seed Control | 72/2000/2K | 1340 | 2160 | 2570 | 2860 | 1040 | 3–3,5 | 10 | 12 | 2xAGM 112 M6 | 2,2 | 940 | 1495 | 1590 | 4,83 |
| Seed | 72/2000/2 | 1340 | 2170 | 2570 | 2860 | 1040 | 6–7 | 10 | 12 | 2xAGM 112 M6 | 2,2 | 940 | 1460 | 1560 | 8,32 |
| Seed | 72/2000/3 | 1340 | 2940 | 2570 | 2860 | 1040 | 9–10,5 | 12 | 14 | 3xAGM 112 M6 | 2,2 | 940 | 2200 | 2295 | 11,27 |
| Barley Seed Control | 72/2000/3K | 1340 | 3100 | 2570 | 3140 | 1040 | 3–3,5 | 12 | 12 | 3xAGM 112 M6 | 2,2 | 940 | 2230 | 2340 | 13,04 |

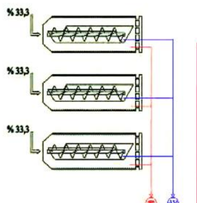


Round-Grain Separation

Long-Grain Separation

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



# 2-Inclined Intensive Dampener Section

Inclined intensive dampener 19

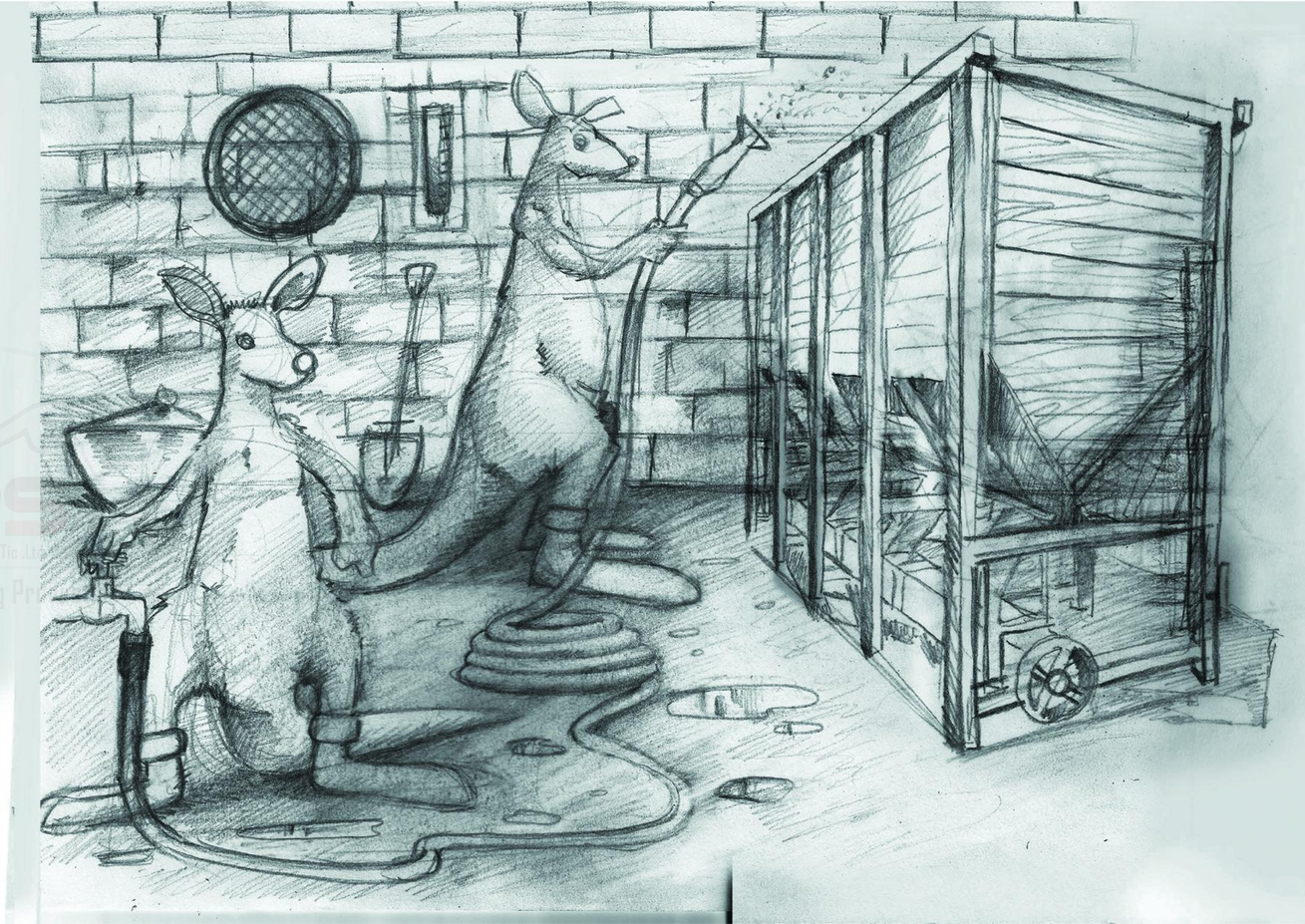
Flowmeter 20

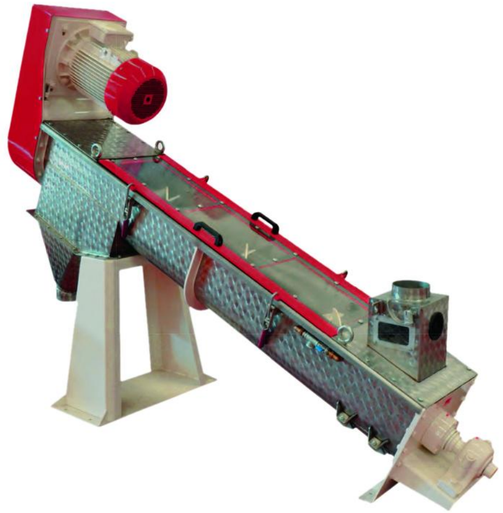
Washing & Drying 21

Dampener Machine 22

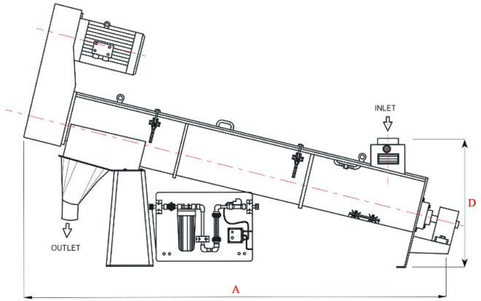
Automatic Dampner 23

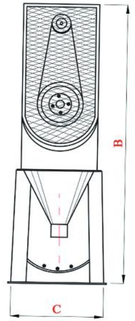
Magnetic 24





Inclined intensive dampener machine designed for supplying high humidity ratio in cereals product. Machine is used for given standard dampening at dry cleaning units in flour and semolina factories. Minimum dampening time supplies the maximum ratio of dampening.
They are made in complete chrome (AISI 304). It is compatible for Turkish Food Codex conditions.




| TYPE | DIMENSIONS (mm) | | | | CAPACITY t/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GSCB | A | B | C | D | 1.Cleaning | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| 250 | 2900 | 2100 | 850 | 850 | 9-12 | GM 160 L6 | 11 | 1000 | 580 | 754 | 2,6 |
| 250 | 2900 | 2100 | 850 | 850 | 12-15 | GM 180 L6 | 15 | 1000 | 585 | 760 | 2,6 |
| 250 | 2900 | 2100 | 850 | 850 | 15-18 | GM 200 La | 18,5 | 1000 | 595 | 773 | 2,6 |
| 450 | 3020 | 2200 | 950 | 930 | 17-20 | GM 200 La | 18,5 | 1000 | 780 | 1014 | 2,7 |
| 450 | 3020 | 2200 | 950 | 930 | 19-22 | GM 200 L6b | 22 | 1000 | 795 | 1033 | 2,7 |

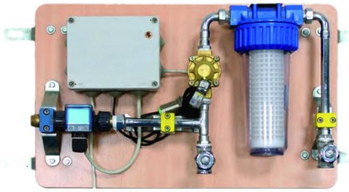




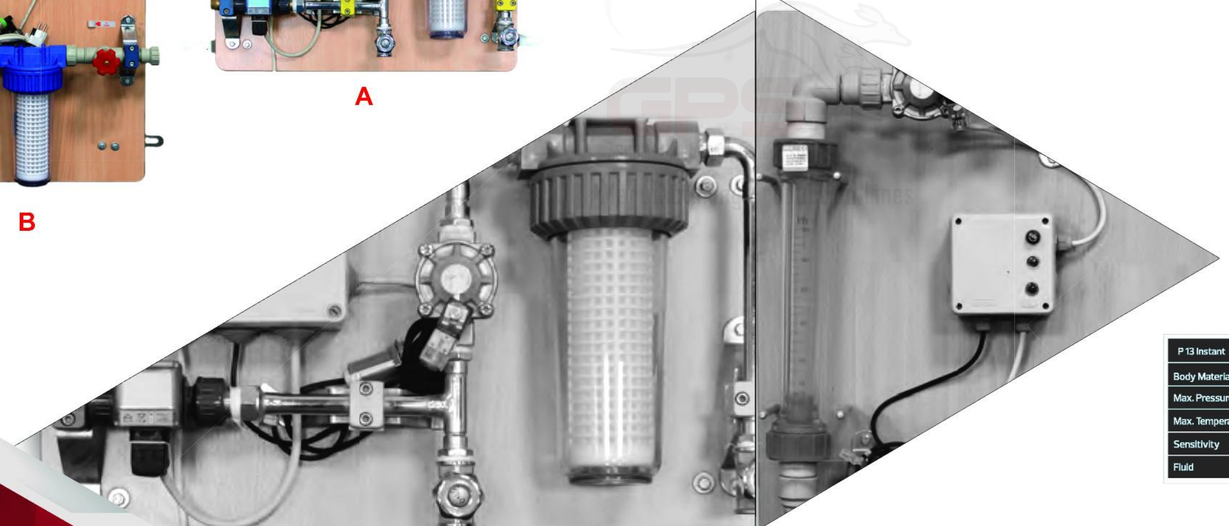
GPS-ASCOM

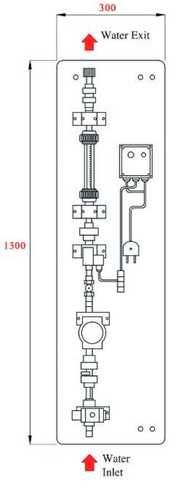
Dampener Process is very important for grinding operations at flour factories. Flowmeter designed for given annealing (water) into the product and it works semi-automatic system. It assembles available for forced wetting machine and mixer screws pirals.
Flowmeter passing through the product to transfer solenoid valve by the help of the solenoid sensor and then valve opened, this gives water according to settled quantity on the flowmeter. Sensor closes down of the solenoid valve , when the product flow is finished, finally, water flow is cut. Different types of flowmeter are presents, special types of flowmeter are manufactured according to usage area.

B

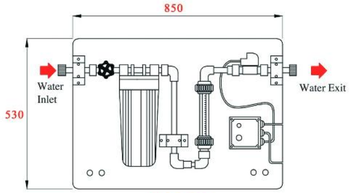


A






GOZA

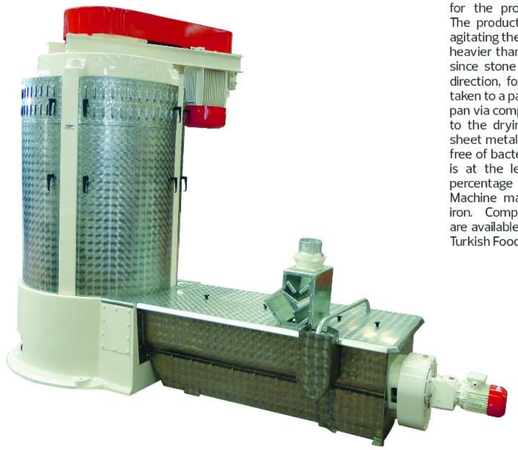



GOZE

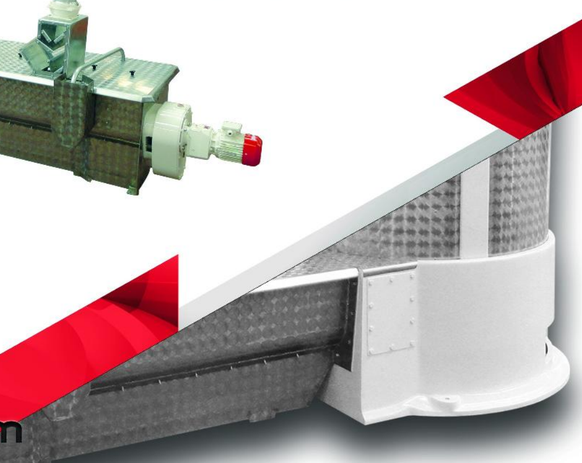
| P 13 Instant | Flowmeter for fluid | | |
|---|---|---|---|
| Body Material | PVC | POLYAMIDE | POLYSULFON |
| Max. Pressure | 8 Bar | 8 Bar | 8 Bar |
| Max. Temperature | 60 C | 75 C | 100 C |
| Sensitivity | +/- % 3 f.s. | +/- % 3 f.s. | +/- % 3 f.s. |
| Fluid | Water-Air | Water-Air | Water-Air |

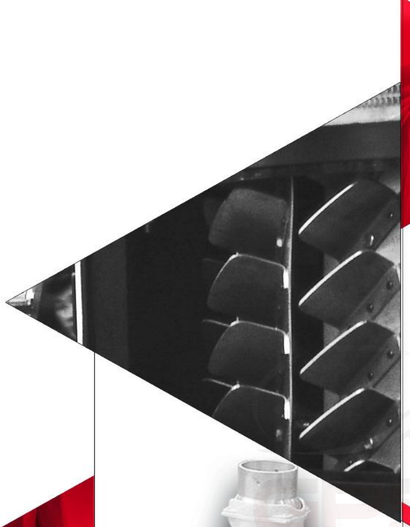
| TYPE | CODE | Tube Measure Lenght mm | Fludi | Connection | Measuring Table | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|
| GOZE / GOZA | | | | | | Net | Gross | Package m³ |
| 16-24 | P13-2500 | 165 | Water | 16 mm-3/8" | 3....24 l/h | 9,8 | 10 | 0,08 |
| 16-60 | P13-2500 | 165 | Water | 16 mm-3/8" | 5....60 l/h | 9,8 | 10 | 0,08 |
| 16-100 | P13-2500 | 165 | Water | 16 mm-3/8" | 10....100 l/h | 9,8 | 10 | 0,08 |
| 16-250 | P13-2500 | 165 | Water | 16 mm-3/8" | 25....250 l/h | 9,8 | 10 | 0,08 |
| 20-60 | P13-2600 | 175 | Water | 20 mm-1/2" | 5....60 l/h | 10,2 | 10,5 | 0,08 |
| 20-150 | P13-2600 | 175 | Water | 20 mm-1/2" | 15....150 l/h | 10,2 | 10,5 | 0,08 |
| 20-250 | P13-2600 | 175 | Water | 20 mm-1/2" | 25....250 l/h | 10,2 | 10,5 | 0,08 |
| 20-400 | P13-2600 | 175 | Water | 20 mm-1/2" | 40....400 l/h | 10,2 | 10,5 | 0,08 |
| 25-150 | P13-2700 | 185 | Water | 25 mm-3/4" | 15....150 l/h | 10,8 | 11 | 0,09 |
| 25-400 | P13-2700 | 185 | Water | 25 mm-3/4" | 40....400 l/h | 10,8 | 11 | 0,09 |
| 25-600 | P13-2700 | 185 | Water | 25 mm-3/4" | 60....600 l/h | 10,8 | 11 | 0,09 |
| 25-1000 | P13-2700 | 185 | Water | 25 mm-3/4" | 100....1000 l/h | 10,8 | 11 | 0,09 |
| 32-250 | P13-2800 | 200 | Water | 32 mm-1" | 25....250 l/h | 11,2 | 12 | 0,09 |
| 32-400 | P13-2800 | 200 | Water | 32 mm-1" | 100....400 l/h | 11,2 | 12 | 0,09 |
| 32-1500 | P13-2800 | 200 | Water | 32 mm-1" | 150....1500 l/h | 11,2 | 12 | 0,09 |

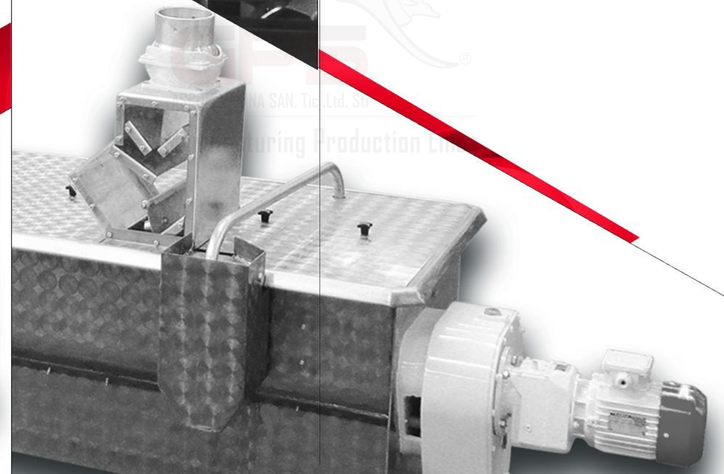
# GPYA



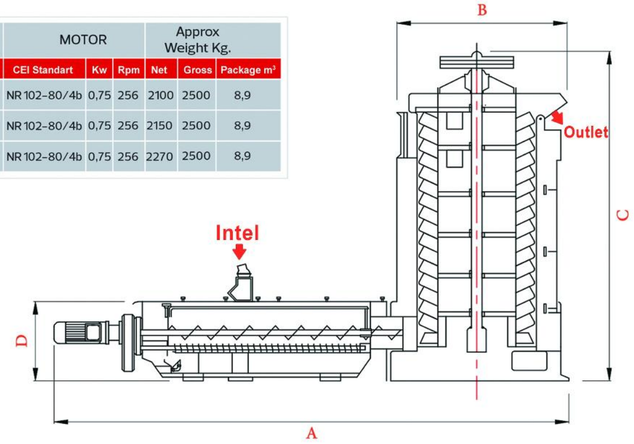
It provides rinsing the wheat by water and it becomes free of stone, soil, dirt, chemical substance , insects and bacteria. Calibration of product entry clamp forward or backward on the washing basin determines the time for the product to remain in the water. The product enters the washing basin via 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 louver 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. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GPYA | 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 |

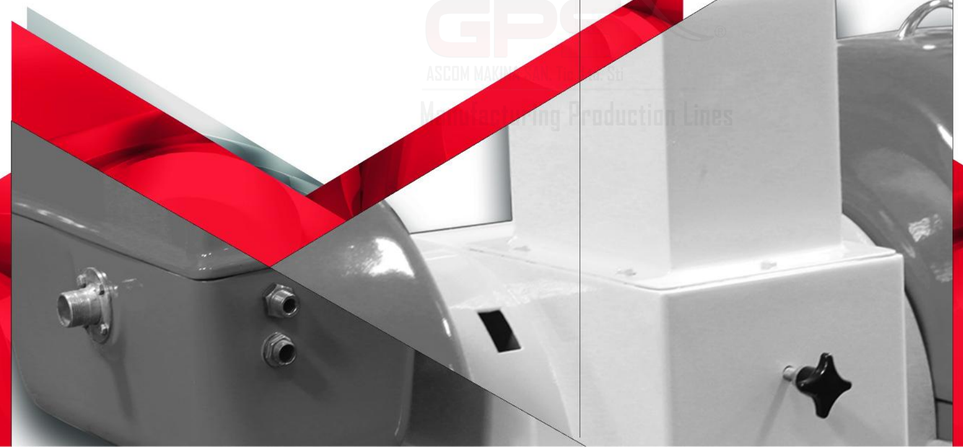



GPS-ASCOM

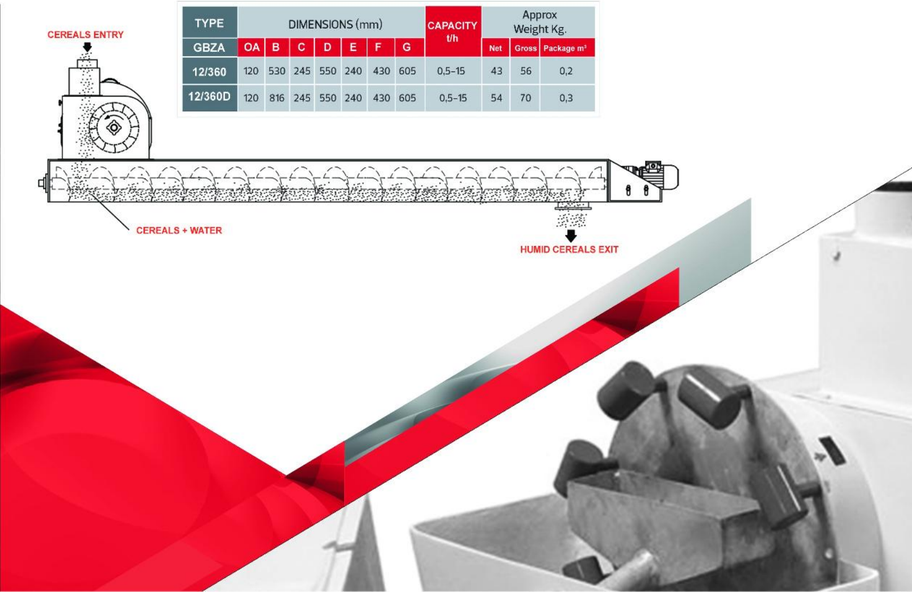
Bucket Dampener Machine is used for giving humidity of cereals. This product comes to the rotor which shape is circular ladle. With rounding of the rotor turns to the disc which carrying of water in buckets. Water is carried by the bucket to next part which is suppoted on the center of the disc and water flows to tempering spiral. The number of the plastic buckets setting with respect to amount of water. The parts which are contacting with water and these parts are made of fiberglass material , which has advantage is high corrosion resistance. Especially, Bucket dampener machine with double reservoir are used in lentil plants. Water passing into first , giving oil from other. Enshining process is provided with mixing of water and oil in conveyor. Machine has no need for any energy consumption.

## 360

## 360D

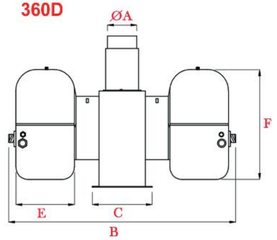




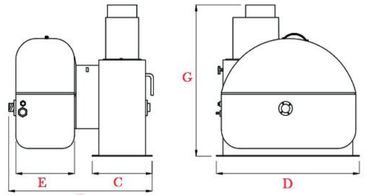




360D

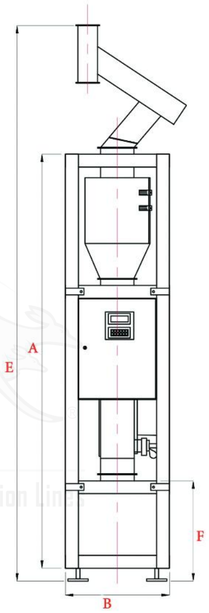


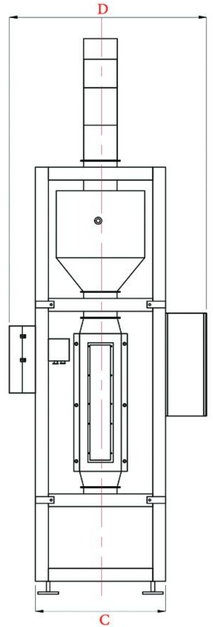

360

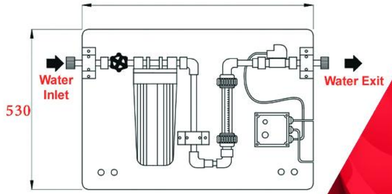



| TYPE | DIMENSIONS (mm) | | | | | | | CAPACITY t/h | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GBZA | OA | B | C | D | E | F | G | | Net | Gross | Package m³ |
| 12/360 | 120 | 530 | 245 | 550 | 240 | 430 | 605 | 0,5-15 | 43 | 56 | 0,2 |
| 12/360D | 120 | 816 | 245 | 550 | 240 | 430 | 605 | 0,5-15 | 54 | 70 | 0,3 |

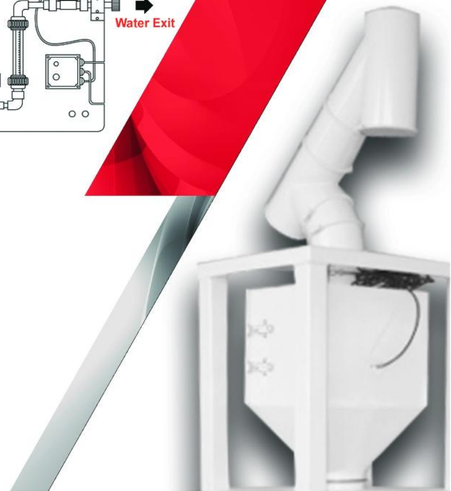
Humidity sensor is designed for measuring humidity of the passing material. Humidity sensor measures water amount of the passing asset (the humidity). Because of the humidity sensor measures the water amount, the most sensitive resulta are obtained.
Also, humidity sensor can measure the wheat which was dampened to B1 stage. The system works with 220 V. alternative current .Optionally, a remote controller can be installed without connecting to the automation system, with this panel you can control dampening system without scada and computer. Our dampening system can be mounted to 50x50 cm area and 180 cm height. It can be mounted to smaller areas upon request. Our dampening system consists of flow scale, humidity sensor and water panel. Sensivity : %0,1




| TYPE | DIMENSIONS (mm) | | | | | | CAPACITY | SENSIVITY | Water Addition Rate | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | t/h | % | lt/h | Net | Gross | Package m³ |
| GMOT | 1610 | 400 | 500 | 757 | 2160 | 386 | 15 | 0,1 | 400-1000 | 110 | 130 | 0,7 |



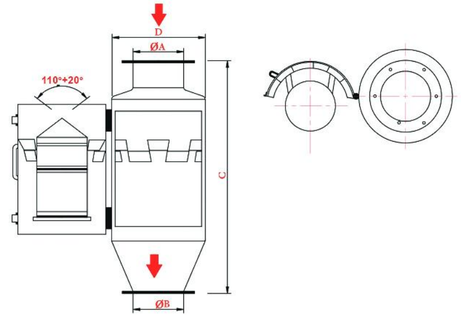
Tubular magnet is used for extracting iron pieces out of flour , wheat or other granulates. Magnet is manufactured from stainless steel (AISI 304) material. Magnet is assembled on the cover, thus cleaning process to become very easy, and magnet has endless life. Magnet catches very small iron particles very easily, such as bearing ball , nails , bolts or small iron filing. Energy consumption is null because it's natural magnet. Magnet assembly is very easy and it is manufactured in various type and capacities.

## A

## B

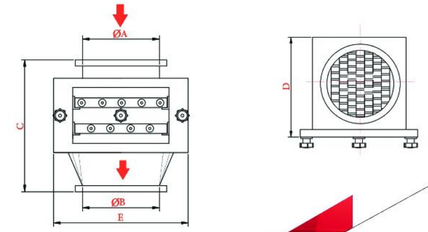
## A

| TYPE | DIMENSIONS (mm) | | | | CAPACITY (ton/h) | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|
| GOMB | OA | OB | C | D | | Net | Gross | Package m³ |
| 100 | 100 | 110 | 550 | 210 | 10 | 19 | 20 | 0,025 |
| 120 | 125 | 135 | 565 | 230 | 18 | 24 | 25 | 0,031 |
| 150 | 150 | 160 | 620 | 275 | 30 | 33 | 34 | 0,046 |
| 200 | 200 | 210 | 720 | 355 | 70 | 40 | 41 | 0,091 |
| 250 | 250 | 260 | 830 | 435 | 85 | 52 | 53 | 0,160 |
| 300 | 300 | 310 | 950 | 515 | 110 | 63 | 64 | 0,250 |
| 400 | 400 | 410 | 1050 | 660 | 140 | 70 | 71 | 0,458 |
| 500 | 500 | 510 | 1200 | 810 | 160 | 80 | 81 | 0,788 |




## B

| TYPE | DIMENSIONS (mm) | | | | | CAPACITY (ton/h) | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|
| GOMY | ØA | ØB | C | D | E | | Net | Gross | Package m³ |
| 120 | 120 | 120 | 355 | 180 | 180 | 5 | 7 | 8 | 0,012 |
| 150 | 150 | 150 | 360 | 250 | 250 | 8 | 10 | 11 | 0,023 |
| 200 | 200 | 200 | 370 | 300 | 300 | 15 | 12 | 13 | 0,034 |
| 250 | 250 | 250 | 380 | 350 | 350 | 18 | 15 | 16 | 0,047 |
| 300 | 300 | 300 | 400 | 400 | 400 | 22 | 17 | 18 | 0,065 |





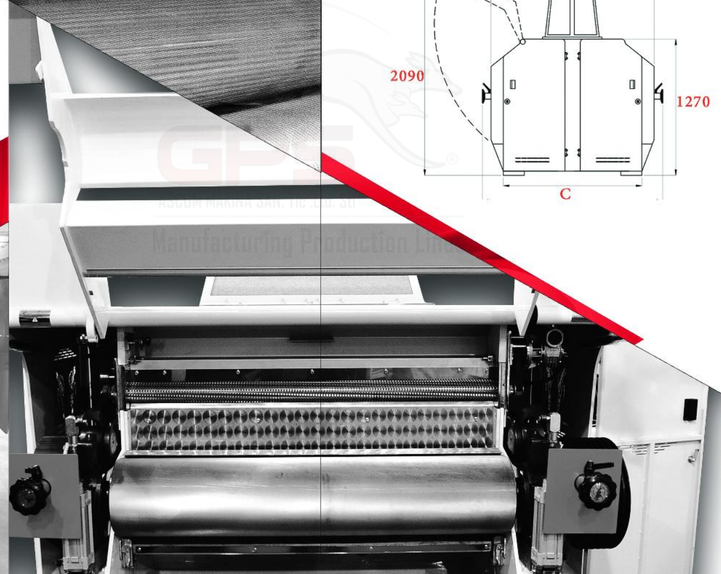



GPS-ASCOM

# 3-Milling and Sieving Section

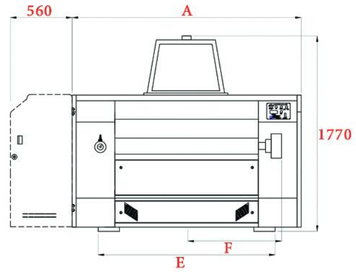


Roller miller is one of the most important machine in the modern flour plants to produce flour. To choose Roller Mill is directly related with the quality and amount of the product. At the grinding system of the Roller Mill, the forces of breaking, crushing and pressure forces are applied together. It is a good & available system to have the required size of products. Generally they are state as Breaking Roller Mill & Lisso Roller Mill. The surface of the Breaking Roller Mill cyliders are grooved, and Liso Roller Mill cylinders surfaces are smooth. To choose Lisso 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.

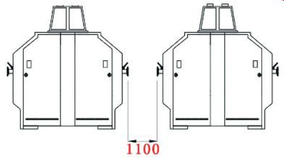


| TYPE | DIMENSIONS (mm) | | | | | | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | O DIA. | L mm. | A | B | C | D | E | F | Net | Gross | Package m³ |
| GDMK | 250 | 1000 | 1900 | 1480 | 1300 | 1680 | 1410 | 840 | 3200 | 3680 | 5,6 |
| | | 1250 | 2150 | 1480 | 1300 | 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 |





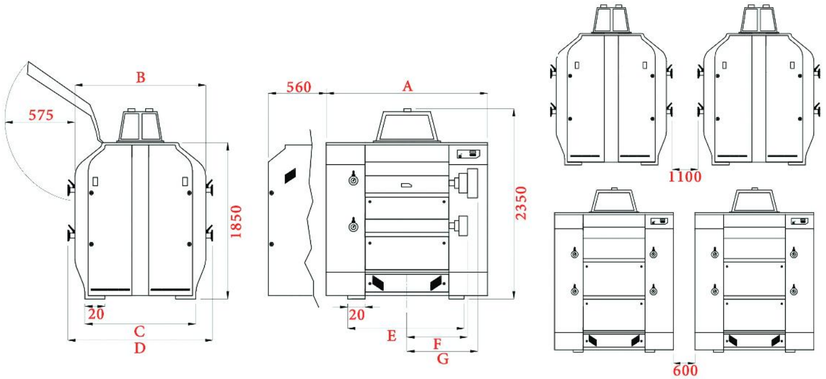



GPS-ASCOM

# GDML

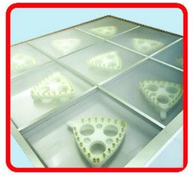
Roller miller is one of the most important machine in the modern flour plants to produce flour. To choose Roller Mill is directly related with the quality and amount of the product. At the grinding system of the Roller Mill, the forces of breaking, crushing and pressure forces are applied together. It is a good & available system to have the required size of products. Generally they are state as Breaking Roller Mill & Lisso Roller Mill. The surface of the Breaking Roller Mill cyliders are grooved, and Liso Roller Mill cylinders surfaces are smooth. To choose Lisso 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. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ø DIA. | L mm. | A | B | C | D | E | F | G | Net | Gross | Package m³ |
| GDML (DOUBLE) | 250 | 1000 | 2060 | 1480 | 1300 | 1680 | 1410 | 840 | 960 | 5630 | 6475 | 8,1 |
| | | 1250 | 2310 | 1480 | 1300 | 1680 | 1660 | 965 | 1085 | 6440 | 7406 | 9,1 |
| | | 1500 | 2560 | 1480 | 1300 | 1680 | 1910 | 1090 | 1210 | 7380 | 8488 | 12,1 |
| GDML (DOUBLE) | 300 | 1000 | 2060 | 1530 | 1300 | 1730 | 1410 | 840 | 960 | 5980 | 6877 | 8,4 |
| | | 1250 | 2310 | 1530 | 1300 | 1730 | 1660 | 965 | 1085 | 7490 | 8613 | 9,4 |

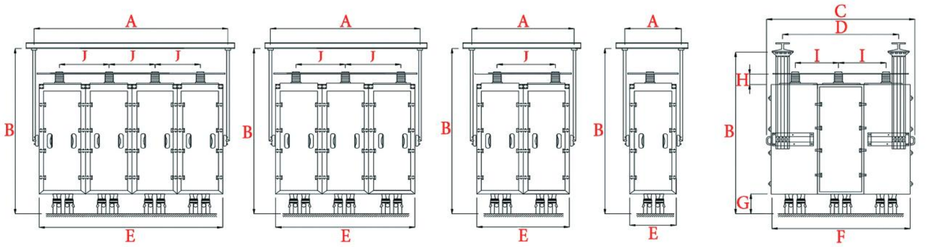





GPS-ASCOM



Square plain sifter is a machine which have high sifting capacity and used for sifting of products grinded by roller mills in flour factories. It is used for classifying of flour, semolina and bran and controlling of finish products. Square plain sifter designs according to diagrams. Usage places are determined according to needed tonnage, passage number and sieve layers.
It provides longstanding and hygienic work thanks to the sieve boxes formed of plywood covered with Formica. It provide more smooth sliding and healthy surface thanks to chrome and nickel of 304 quality.



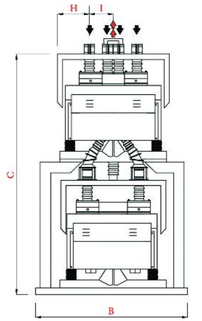

| TYPE | | DIMENSIONS (mm) | | | | | | | | | | Number of Passage | Number of Sieves Per Passage | Ner Sifting Area m² | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | F | G | H | I | J | | | | CEI Standart | Kw | Rpm | Net | Groos | Package m³ |
| GKEH | 10/28 | 4050 | 3500 | 2465 | 2000 | 3880 | 2375 | 500 | 340 | 785 | 745 | 10 | 24–28 | 56,6–66 | AGM 160 L6 | 11 | 1000 | 6100 | 6850 | 35 |
| | 10/24 | 4050 | 3200 | 2465 | 2000 | 3880 | 2375 | 500 | 340 | 785 | 745 | 10 | 20–24 | 47,5–57 | AGM 160 L6 | 11 | 1000 | 5600 | 6450 | 31,5 |
| GKEH | 8/28 | 3240 | 3500 | 2365 | 1900 | 3070 | 2275 | 500 | 340 | 735 | 745 | 8 | 24–28 | 40–46 | AGM 160 M6 | 7,5 | 1000 | 4950 | 5700 | 28 |
| | 8/24 | 3240 | 3200 | 2365 | 1900 | 3070 | 2275 | 500 | 340 | 735 | 745 | 8 | 20–24 | 40–43 | AGM 160 M6 | 7,5 | 1000 | 4500 | 5150 | 25 |
| GKEH | 6/28 | 2430 | 3500 | 2365 | 1900 | 2260 | 2275 | 500 | 340 | 735 | 745 | 6 | 24–28 | 34–40 | AGM 160 M6 | 7,5 | 1000 | 3710 | 4435 | 21 |
| | 6/24 | 2430 | 3200 | 2365 | 1900 | 2260 | 2275 | 500 | 340 | 735 | 745 | 6 | 20–24 | 31–34 | AGM 132 M6b | 5,5 | 1000 | 3260 | 3950 | 19 |
| GKEH | 4/28 | 1685 | 3500 | 2365 | 1900 | 1515 | 2275 | 500 | 340 | 735 | 745 | 4 | 24–28 | 22,7–26,5 | AGM 132 M6a | 4 | 1000 | 2750 | 3370 | 15,6 |
| | 4/24 | 1685 | 3200 | 2365 | 1900 | 1515 | 2275 | 500 | 340 | 735 | 745 | 4 | 20–24 | 19–22,7 | AGM 132 S6 | 3 | 1000 | 2500 | 3085 | 14 |
| GKEH | 2/24 | 1160 | 2900 | 2365 | 2120 | 740 | 2275 | 500 | ! | 735 | ! | 2 | 16–20 | 11,3–14,1 | AGM 132 S6 | 3 | 1000 | 1200 | 1300 | 9,6 |

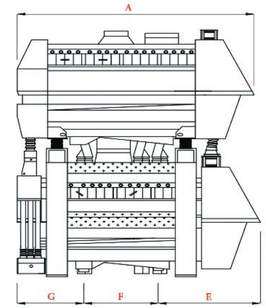


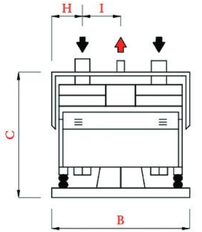
GPS-ASCOM

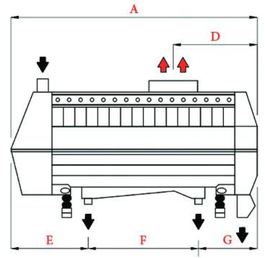
Semolina Purifier is the main machine used at flour and semolina manufacturing. This machine is very important for producing semolina grains from hard wheat , classifying the semolina process , producing flour which specifications are lower ash from soft wheat. Product flow is distributed smoothly over the surface of silk, which is stretched on the aluminum frame. Sieving operation to come true with three layer sieve. Semolina separated from the bran, during the forming equally vacuum on the surface of sieve by the help of aerodynamic air canal and air setting clacks, and then decomposed semolina sent to relevant passage. Vibrational Semolina Purifier can be manufactured as single or double layer. Aluminum telora prevents the loosing of silk . Untighten silk can be re-stretched by special equipment on the aluminum frame.





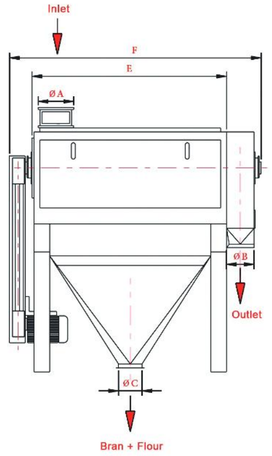



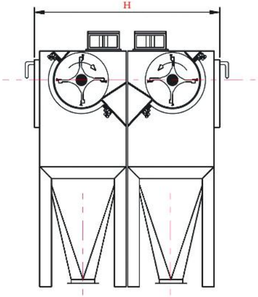

| TYPE | DIMENSIONS (mm) | | | | | | | | | No of Telora | MOTOR | | | Air Need m³/min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GQRF | A | B | C | D | E | F | G | H | I | | CEI Standart | Kw | Rpm | | Net | Gross | Package m³ |
| 49/50 | 2800 | 1305 | 1310 | 960 | 820 | 1420 | 405 | 325 | 350 | 24 | 2xBM 650/06 | 0,16 | 600 | 65 | 990 | 1309 | 6,5 |
| 49/50/D | 2800 | 1650 | 2830 | 960 | 820 | 1420 | 405 | 325 | 350 | 48 | 4xBM 650/06 | 0,16 | 600 | 130 | 2150 | 2795 | 13,4 |
| 59/50 | 2800 | 1315 | 1310 | 960 | 820 | 1420 | 405 | 330 | 350 | 24 | 2xBM 1000/06 | 0,16 | 600 | 75 | 1030 | 1359 | 6,8 |
| 59/50/D | 2800 | 1660 | 2830 | 960 | 820 | 1420 | 405 | 330 | 350 | 48 | 4xBM 1000/06 | 0,16 | 600 | 140 | 2190 | 2845 | 13,8 |

# BRAN FINISHER
## GKLA

Bran Finisher used for extracting flour powder from the bran. Some flour powder stick and remain inside of the bran . This machine prevents flour loss and increasing the efficiency. Flour powder are stirred by the help of high speed rotating perforated cylinder inside a cylindrical filter, which is mounted to the machine body, then flour powder are throw out from the filter holes. Machine has two entrances from left and right, this provide easiness for assembly.



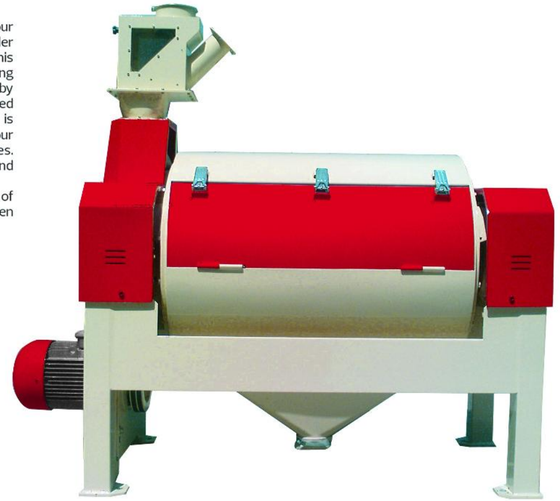


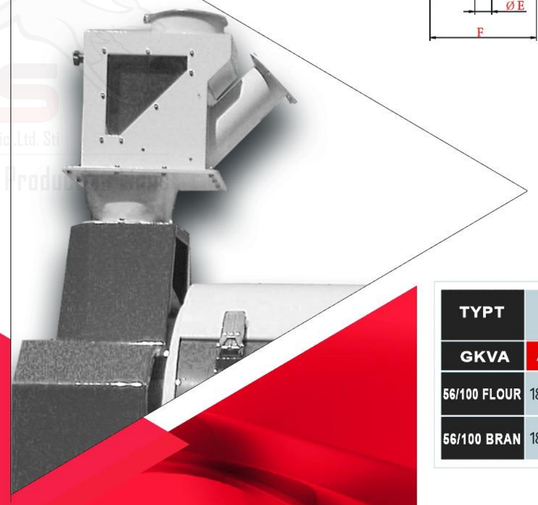


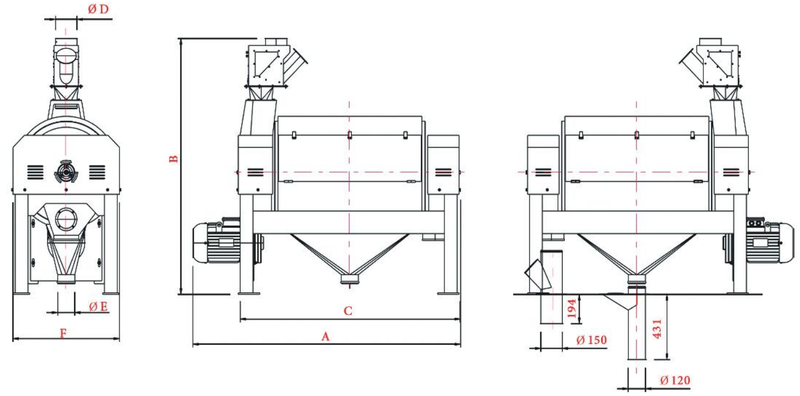

| TYPE | DIMENSIONS (mm) | | | | | | | | Sieve Dia. | Lenght | Capacity t/h | MOTOR | | | Air Need m³/min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GKLA | ØA | ØB | ØC | D | E | F | G | H | | | | CEI Standart | Kw | Rpm | | Net | Gross | Package m³ |
| 30/80/4 | 135 | 135 | 120 | 1200 | 1035 | 1313 | 458 | 1080 | 300 | 800 | 0,7 | AGM 132 S4 | 4 | 1500 | 5 | 190 | 230 | 2,3 |
| 45/10/6.5 | 135 | 135 | 140 | 1440 | 1200 | 1670 | 550 | 1300 | 450 | 1100 | 1,8 | AGM 132 S4 | 5,5 | 1500 | 7 | 325 | 455 | 2,3 |
| 45/110/7.5 | 135 | 135 | 140 | 1440 | 1200 | 1670 | 550 | 1300 | 450 | 1100 | 2,2 | AGM 132 M4 | 7,5 | 1500 | 7 | 325 | 455 | 2,3 |

GPS-ASCOM

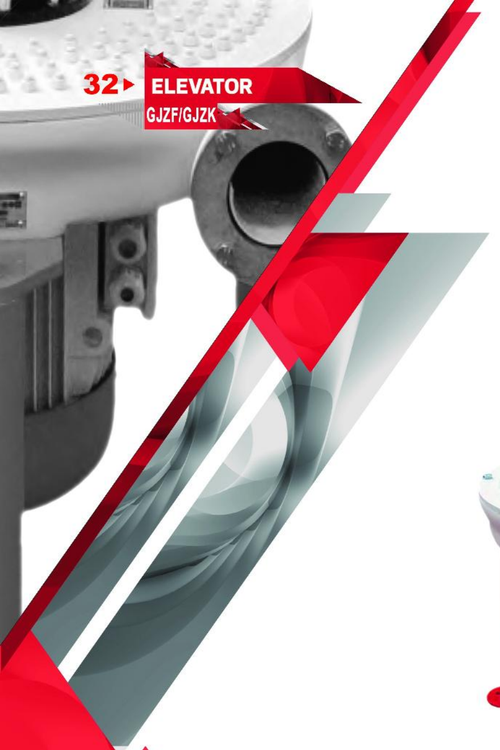
Bran Finisher used for extracting flour powder from the bran. Some flour powder stick and remain inside of the bran . This machine prevents flour loss and increasing the efficiency. Flour powder are stirred by the help of high speed rotating perforated cylinder inside a cylindrical filter, which is mounted to the machine body, then flour powder are throw out from the filter holes. Machine has two entrances: from left and right, this provide easiness for assembly.
Surfaces of sieve do not block because of vibration and your yield will increase between % 1 and % 4.2.








| TYPT | DIMENSIONS (mm) | | | | | | Nytal | Capacity t/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GKVA | A | B | C | ØD | ØE | F | | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| 56/100 FLOUR | 1860 | 1689 | 1545 | 150 | 120 | 765 | 72-74 GG | 0,75 | AGM 132 S4 | 5,5 | 1500 | 532 | 691 | 1,8 |
| 56/100 BRAN | 1860 | 1689 | 1545 | 150 | 120 | 765 | KK. 800 Mik İ.K. 325 Mik | 1,60 | AGM 132 M4 | 7,5 | 1500 | 536 | 696 | 1,8 |



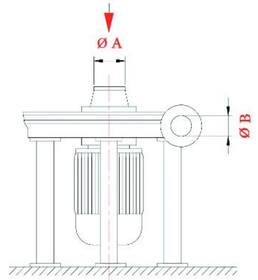
Semolina Impact Detacher is used for increasing the efficiency of flour diagrams at the suitable semolina passages. Semolina Impact Detacher allows contraction and relaxation at diagrams. It is used as throttle at the over back point of the pneumatic carrying pipes after the roller mills. With the help of the small sizes and suitable dimensions assemble easily to the ceiling and the floor. Semolina Impact Detacher used for separating and breaking the clusterd particles to the grinded fine and medium semolina. At the time, it can lower the ash. Semolina Impact Detachers have two models.

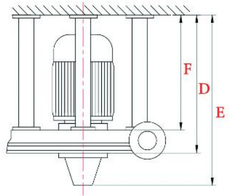
1. model : pins of top constant disc is round, and
pins of bottom rotating disc is square.

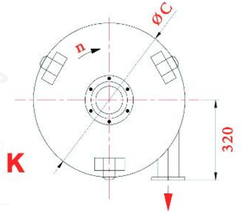
2.model : pins of top constant disc and pins of bottom rotating disc are manufactured in conical shape. All pins (round, square and conical shape) are subjected to heat treatment for hardening prupose.

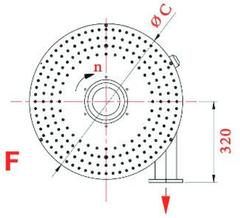
F

K



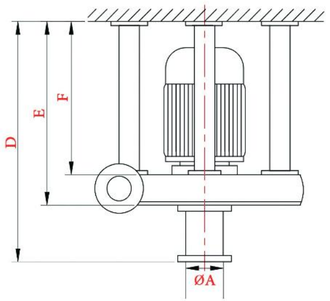



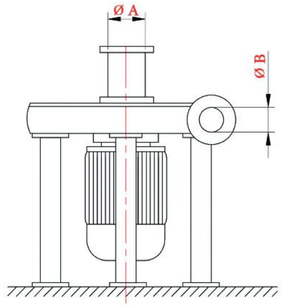

| TYPE | DIMENSIONS (mm) | | | | | | Capacity t/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GJZF/GJZK | ØA | ØB | ØC | D | E | F | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| B/51 | 135 | 80 | 630 | 795 | 625 | 515 | 1,0 | AGM 132 S2q | 5,5 | 3000 | 125 | 162 | 0,6 |
| B/51 | 135 | 80 | 630 | 795 | 625 | 515 | 1,6 | AGM 132 S2b | 7,5 | 3000 | 135 | 175 | 0,6 |
| B/51 | 135 | 80 | 630 | 890 | 720 | 610 | 2,3 | AGM 160 M2a | 11 | 3000 | 155 | 201 | 0,7 |
| B/51 | 135 | 80 | 630 | 890 | 720 | 610 | 2,8 | AGM 160 M2b | 15 | 3000 | 165 | 214 | 0,7 |

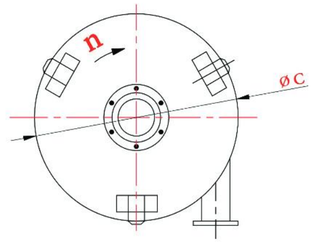


While the semolina grinds by the help of roller mills , some of semolina stick together and to form a block . This stacked semolina does not pass from the sieve (filter) and slide to back passages . They have to be scattered for pass from the filter. By the help of this machine , product can pass from the filter easily.

GPS-ASCOM



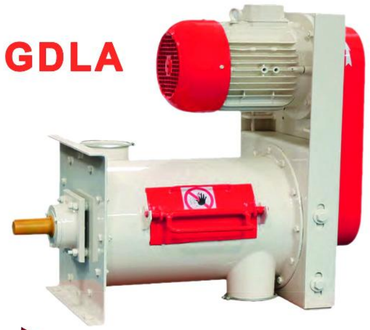




| TYPE | DIMENSIONS (mm) | | | | | | Capacity t/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GJZF | ØA | ØB | ØC | D | E | F | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| E/45 | 135 | 80 | 540 | 700 | 525 | 415 | 0,8 | AGM 112 M2 | 4 | 3000 | 110 | 142 | 0,35 |
| E/45 | 135 | 80 | 540 | 795 | 625 | 515 | 1,1 | AGM 132 S2a | 5,5 | 3000 | 120 | 156 | 0,45 |
| E/45 | 135 | 80 | 540 | 795 | 625 | 515 | 1,5 | AGM 132 S2b | 7,5 | 3000 | 135 | 174 | 0,45 |

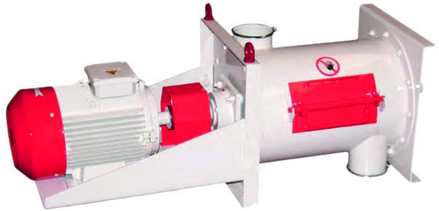


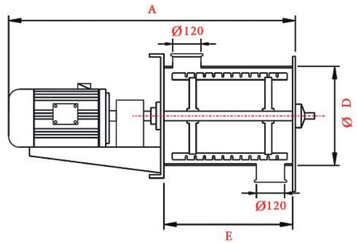
While the semolina grinds by the help of roller mills , some of semolina stick together and to form a block . This stacked semolina does not pass from the sieve (filter) and slide to back passages . They have to be scattered for pass from the filter. By the help of this machine , product can pass from the filter easily.

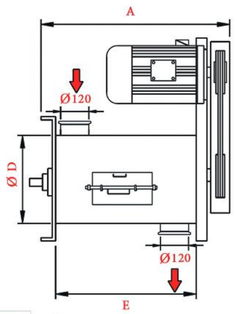
## GDLA

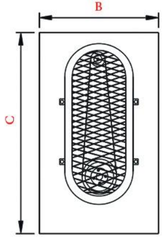


## GDLC



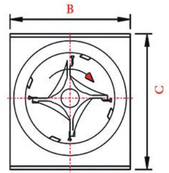


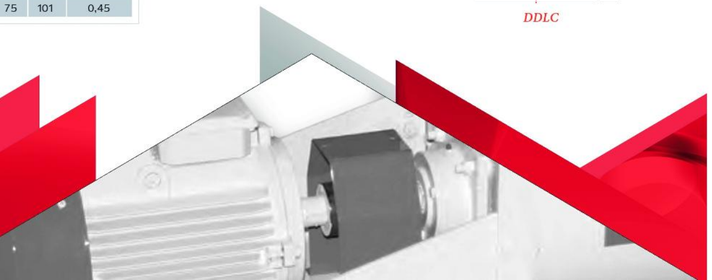

*DDLA*

| TYPE | DIMENSIONS (mm) | | | | | Capacity t/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | ØD | E | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| GDLC | 720 | 450 | 800 | 350 | 500 | 1 | AGM 112 M6 | 2,2 | 1000 | 98 | 132 | 0,4 |
| GDLA | 900 | 440 | 450 | 350 | 500 | 1 | AGM 112 M6 | 2,2 | 1000 | 75 | 101 | 0,4 |
| GDLC | 720 | 450 | 800 | 350 | 500 | 1,5 | AGM 132 S6 | 3 | 1000 | 98 | 132 | 0,4 |
| GDLA | 900 | 440 | 450 | 350 | 500 | 1,5 | AGM 132 S6 | 3 | 1000 | 75 | 101 | 0,4 |
| GDLC | 720 | 450 | 800 | 350 | 500 | 2 | AGM 132 M6a | 4 | 1000 | 98 | 132 | 0,45 |
| GDLA | 900 | 440 | 450 | 350 | 500 | 2 | AGM 132 M6a | 4 | 1000 | 75 | 101 | 0,45 |
| GDLC | 720 | 450 | 800 | 350 | 500 | 2,5 | AGM 132 M6b | 5,5 | 1000 | 98 | 132 | 0,45 |
| GDLA | 900 | 440 | 450 | 350 | 500 | 2,5 | AGM 132 M6b | 5,5 | 1000 | 75 | 101 | 0,45 |

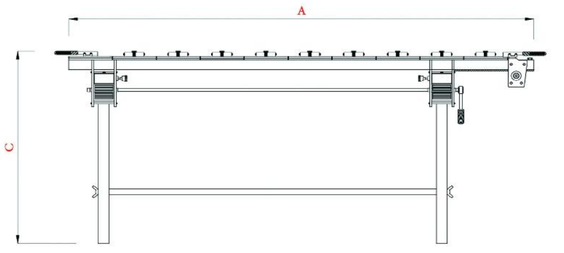



*DDLC*

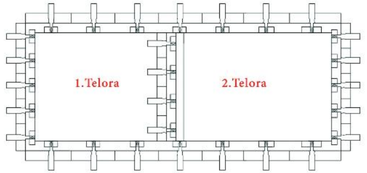


Silk Stretching Equipment is designed for over the frame of the filter , silk stretched which form is manual , as to required tightness of silk strikes or sticks over the frame. Carrier of the conservative pliers is a rail , which two corners are fixed and other two corners setting the mechanical tightness of the silk , whole length of the rail by the help of the stretching arm. It has double or single form according to dimensions of frame. Flow will be more fluid , because the stretched holes of the silk shape will be square , thus filter capability will be high and successful. Silk stretching equipment has maximum frame dimensions. Special production is made in different dimensions.




| TYPE | DIMENSIONS (mm) | | | Sieve Size | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|
| GGMG | A | B | C | | Net | Gross | Package m³ |
| 60/125 | 1600 | 1160 | 850 | 600x650 | 188 | 225 | 1,2 |
| 60/125 | 1600 | 1160 | 850 | 600x480 | 188 | 225 | 1,2 |
| 60/125 | 1600 | 1160 | 850 | 600x960 | 188 | 225 | 1,2 |

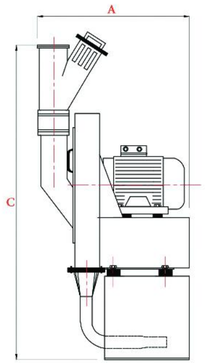


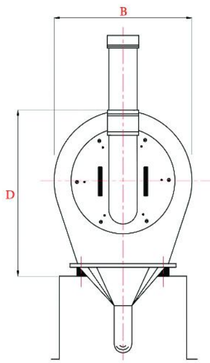

GPS-ASCOM

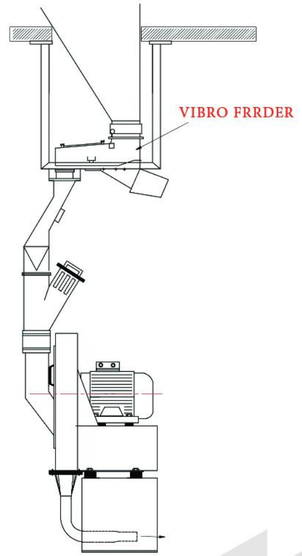
Pave the Way
for success

Used for breaking and grinding organic rejected materials and churn (straw, garbage ect.) to the required size which get out from products to be used for different purposes. By means of easily changeable sieve, grinding can be occur to the needed size. As rotor blades which made by special steel and subjected to heat treatment which grants them a long life.

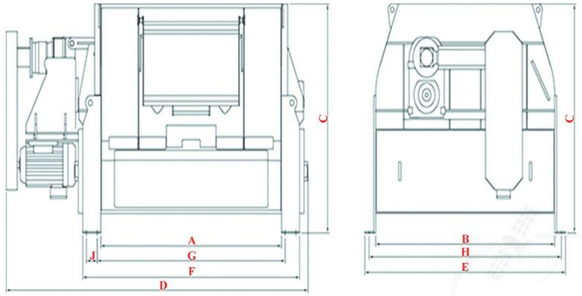
| TYPE | DIMENSIONS (mm) | | | | Capacity t/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GJSA | A | B | C | D | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| 60/12 | 900 | 800 | 1730 | 925 | ! | GM 160 M2a | 11 | 3000 | 285 | 335 | 1,85 |
| 60/12 | 900 | 800 | 1730 | 925 | ! | GM 160 M2b | 15 | 3000 | 300 | 350 | 1,85 |
| 60/12 | 900 | 800 | 1730 | 925 | ! | GM 160 L2 | 18,5 | 3000 | 320 | 370 | 1,85 |
| 60/12 | 900 | 800 | 1730 | 925 | ! | GM 180 M2 | 22 | 3000 | 370 | 420 | 1,85 |
| 60/18 | 1500 | 800 | 1730 | 925 | ! | GM 180 M2 | 22 | 3000 | 390 | 450 | 1,85 |
| 60/18 | 1500 | 800 | 1730 | 925 | ! | GM 200 L2a | 30 | 3000 | 440 | 500 | 1,85 |



# FLOUR MIXER
## GPM

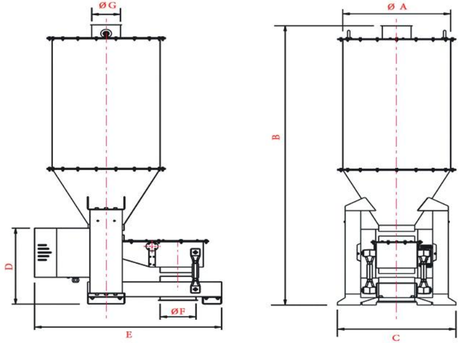




| Dimensions MM | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Type | A | B | C | D | E | F | G | H | J |
| GPM 117 | 2004 | 1985 | 1755 | 3350 | 2225 | 2404 | 2084 | 2125 | 120 |

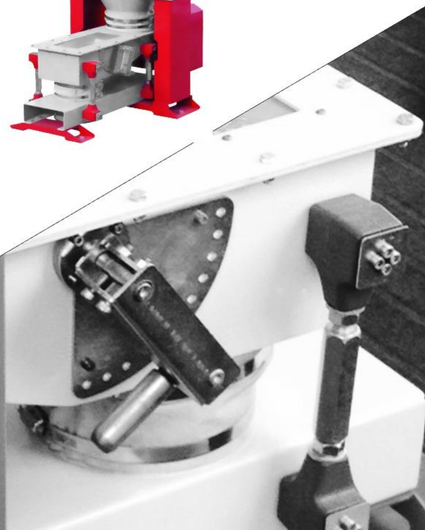
| Technical Data | | | |
|---|---|---|---|
| Type Model | Motor Power (kw) | Hacim Volume ($dm^3$) | Ağırlık Weight (kg) |
| GPM 117 | 22 | 1700 | 3670 |


# VIBRO FEEDER
## GVJM

Vibro Feeder used in feeding of flour, semolina, clean powder and granulate particles. Flow is regulated with quantity of vibration sensitively. Vibration type is always the same. Vibration has electromagnetic and flow quantity adjustment device which enable changing the flow. Vibro Feeder is used in supplying to secure forming groups and sticks materials with other materials which have low fluidity. We can supply two materials at the same time during mixing and feeding process as required quantity by using two units of vibrator. Materials flowing is stopped when the cutting of vibration. Cleanliness of the machine is easy and it's hygienic. Capacity changing is wide (100-300 kg/hour).



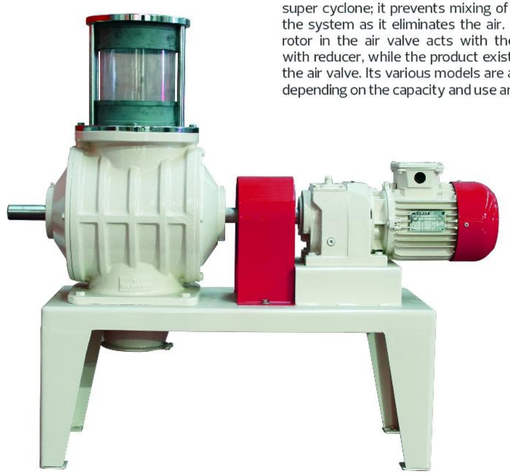

| TYPE | DIMENSIONS (mm) | | | | | | | CAPACITY t/h | Reduce Motor | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GVJM | ØA | B | C | D | E | ØF | ØG | | CEI Stamdart | Kw | Rpm | Net | Gross | Package $m^3$ |
| 90 | 450 | 1774 | 494 | 410 | 780 | 150 | 150 | 1-4 | BM 30/15 | 0,050 | 1500 | 140 | 168 | 2,7 |

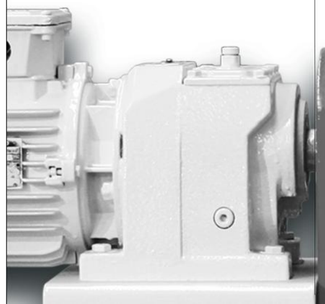


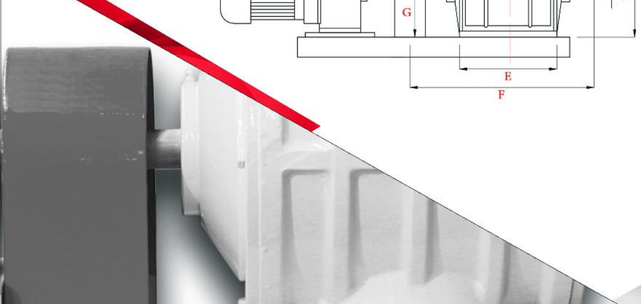
# 4-Transferring Section



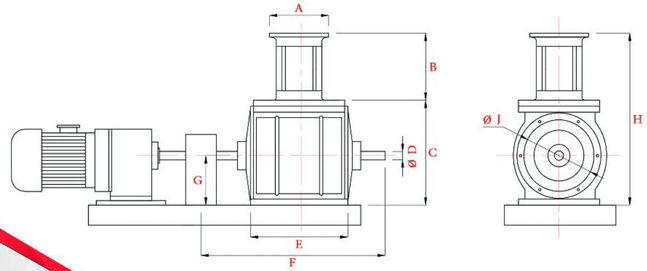
It allows stopping the product flow coming with air flow in pneumatic systems. It is attached under the pneumatic cyclone and super cyclone; it prevents mixing of air with the system as it eliminates the air. Flaps of rotor in the air valve acts with the motor with reducer, while the product exists under the air valve. Its various models are available depending on the capacity and use area.



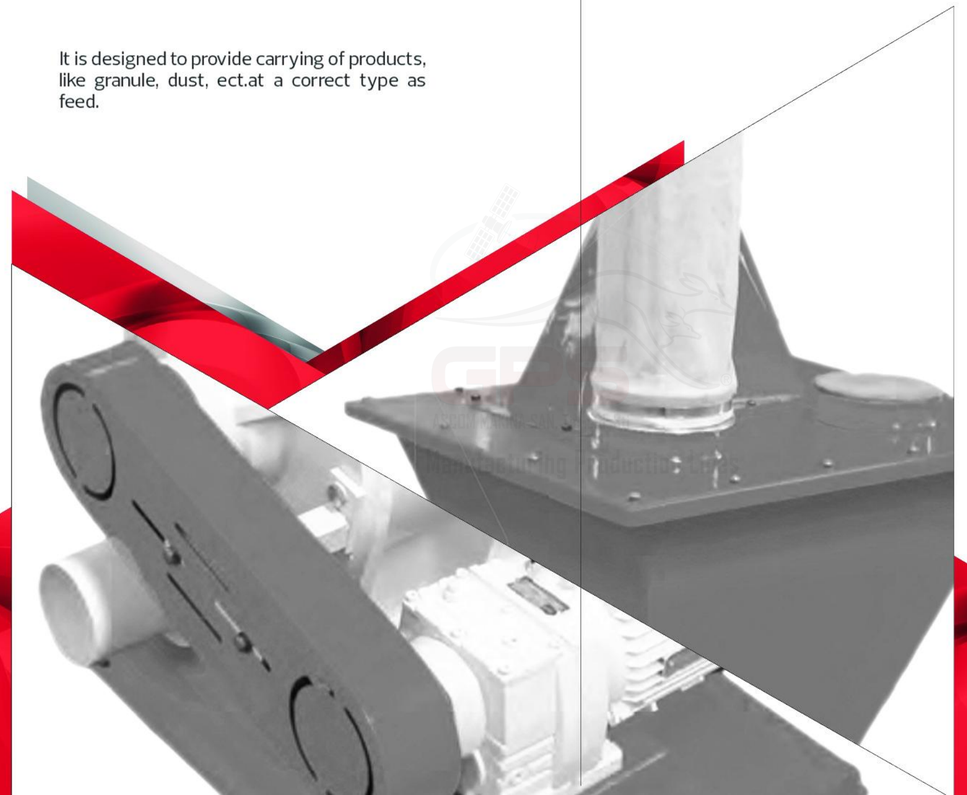


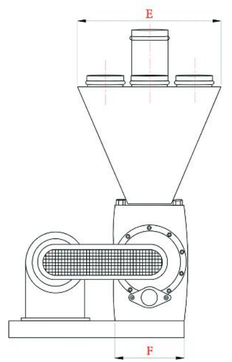


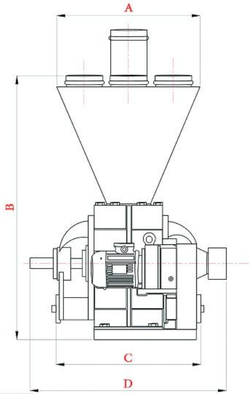
| TYPE | DIMENSIONS (mm) | | | | | | | | | Number of Blades | Max. Rpm. | CAPACITY t/h max. | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMPS | ØA | B | C | ØD | E | F | G | H | ØJ | | | | Net | Gross | Package m³ |
| 190 | 220 | 215 | 300 | 30 | 235 | 450 | 155 | 515 | 194,9 | 8 | 60 | 3,26 | 52 | 70 | 0,09 |
| 220 | 220 | 215 | 320 | 30 | 245 | 500 | 160 | 535 | 218,9 | 8 | 60 | 5,52 | 54 | 71 | 0,10 |
| 240 | 220 | 215 | 321 | 30 | 250 | 500 | 160 | 536 | 239,9 | 8 | 60 | 8,64 | 58 | 78 | 0,11 |
| 270 | 220 | 215 | 325 | 30 | 250 | 500 | 160 | 537 | 268 | 7 | 60 | 11,2 | 66 | 89 | 0,12 |
| 300 | 220 | 215 | 343 | 30 | 250 | 500 | 175 | 560 | 297,9 | 6 | 60 | 14,3 | 75 | 101 | 0,14 |
| 400 | 300 | 200 | 480 | 40 | 335 | 570 | 245 | 680 | 373,9 | 6 | 60 | 17,41 | 86 | 116 | 0,5 |
| 500 | 380 | 215 | 615 | 50 | 385 | 650 | 305 | 840 | 484 | 6 | 60 | 20,53 | 97 | 129 | 0,17 |



It is designed to provide carrying of products, like granule, dust, ect.at a correct type as feed.



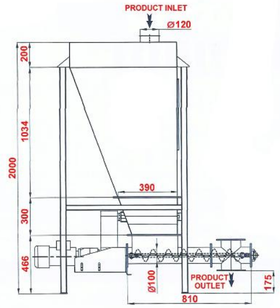


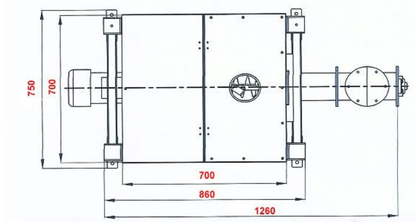




| TYPE | DIMENSIONS (mm) | | | | | | Wheat Capacity t/h | Flour Capacity t/h | Bran Capacity t/h | Power Kw | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GGTE | A | B | C | D | E | F | | | | | Net | Gross | Package m³ |
| 200 | 350 | 700 | 420 | 540 | 370 | 240 | 3,2 | 2,2 | 1,5 | 0,35-0,55 | 90 | 121 | 0,45 |
| 250 | 450 | 750 | 450 | 600 | 400 | 280 | 8 | 5,5 | 3 | 0,55-0,75 | 136 | 183 | 0,57 |
| 320 | 700 | 900 | 530 | 700 | 450 | 300 | 18 | 12,5 | 6,5 | 0,75-1,1 | 250 | 337 | 0,69 |
| 450 | 800 | 1000 | 650 | 880 | 550 | 360 | 40 | 28 | 16 | 1,1-1,5 | 365 | 492 | 0,82 |
| 500 | 900 | 1275 | 700 | 1000 | 700 | 400 | 72 | 50 | 28 | 1,5 | 450 | 607 | 0,96 |

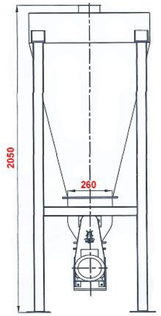
**SCREW FEEDER**

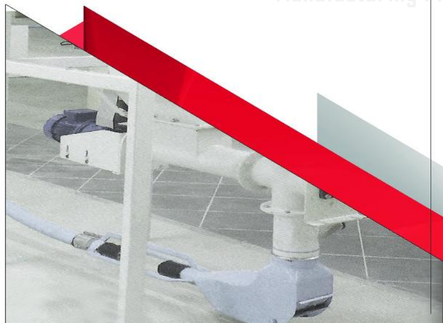
It is used in the filter outlet and under the offal depots It isused for the earning of goods that have been left in the filter orfor the adding of similar goods into the system when the mills system is not runnig Its desingn is very ordinary




| Type | Capacity | Dia oi screw | Reducer Motor | | | Approx Weights Kg | | Package Volume m | |
|---|---|---|---|---|---|---|---|---|---|
| | T/sa | mm | Type | kw | Rpm | Net | Gross | NEt | Gross |
| GPV-100 | 1 | 100 | MR 173-80 | 0,55 | 40 | 90 | 100 | 1,9 | 2,49 |

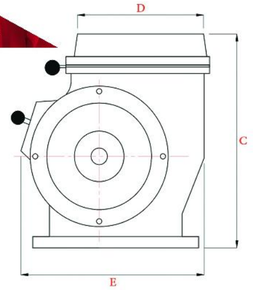


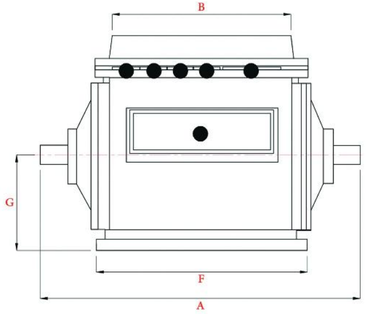





GPS-ASCOM

## WHEAT MEASURER
## GIHJ



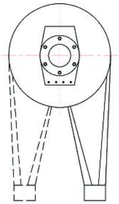

| TYPE | DIMENSIONS (mm) | | | | | | | Maz. Rpm | Capacity t/h | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GIHJ | A | B | C | D | E | F | G | | | Net | Gross | Package m³ |
| 10 | 500 | 240 | 355 | 170 | 270 | 275 | 125 | 50 | 7,5-10 | 84 | 115 | 0,10 |
| 15 | 580 | 303 | 370 | 225 | 300 | 365 | 155 | 50 | 10-15 | 109 | 147 | 0,14 |

| Dosage Rate | | | | | |
|---|---|---|---|---|---|
| 1.Gate | 2.Gate | 3.Gate | 4.Gate | 5.Gate | 6.Gate |
| % 5 | % 5 | % 10 | % 15 | % 20 | % 45 |

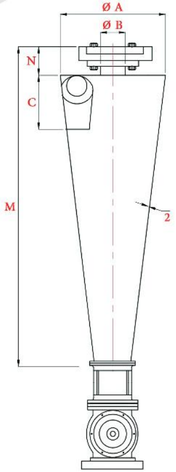
Used for mixing and dosing of wheat which coming from different silos at any desired portion before grinding. By passing system is available, when any break down is occured , it can be enteredic circuit.
Dosing percentages : % 5 - %5 - % 10 - % 15 - %20 - % 45

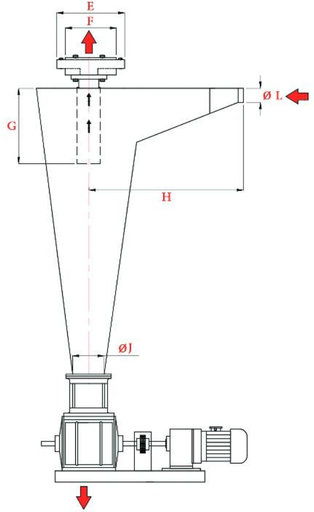
# GGXB

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

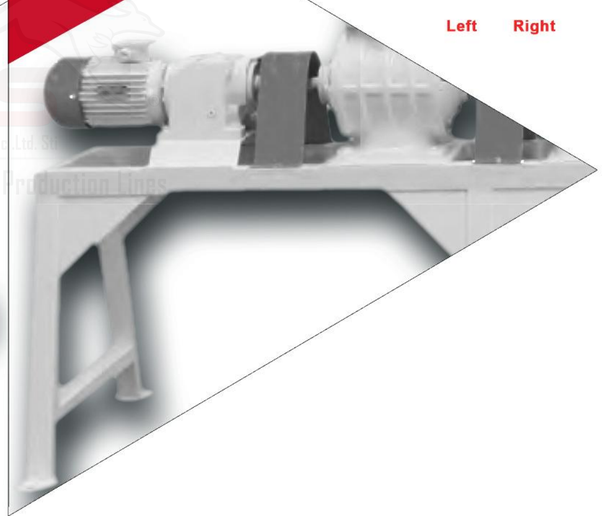


Left Right



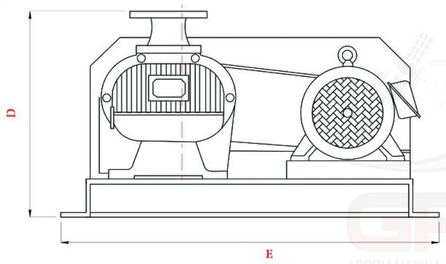




| TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GGXB | ØA | ØB | C | D | E | F | G | H | ØJ | K | ØL | M | N | Net | Gross | Package m³ |
| 160 | 160 | 55 | 60 | 32 | 110 | 85 | 100 | 320 | 145 | 40–45 | 50 | 800 | 60 | 8,5 | 9 | 0,05 |
| 200 | 200 | 70 | 77 | 40 | 120 | 100 | 120 | 320 | 145 | 50–70 | 65 | 800 | 60 | 11 | 11,5 | 0,07 |
| 240 | 240 | 85 | 95 | 48 | 145 | 125 | 140 | 450 | 145 | 60–85 | 75 | 800 | 60 | 14 | 14,5 | 0,11 |
| 280 | 280 | 100 | 112 | 56 | 170 | 148 | 160 | 450 | 145 | 75–100 | 90 | 800 | 60 | 17 | 17,5 | 0,13 |
| 340 | 340 | 120 | 133 | 68 | 195 | 172 | 180 | 475 | 145 | 85–120 | 110 | 800 | 60 | 20 | 21 | 0,18 |
| 410 | 410 | 145 | 161 | 82 | 220 | 190 | 210 | 600 | 145 | 100–140 | 130 | 800 | 60 | 24 | 25 | 0,26 |
| 500 | 500 | 180 | 203 | 100 | 250 | 225 | 280 | 700 | 145 | 130–170 | 160 | 800 | 60 | 31 | 32 | 0,38 |

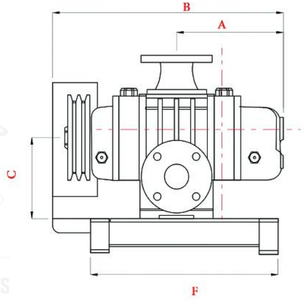


# GMBW

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) | | | | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|
| GMBW | A | B | C | D | E | F | KW | Gross | Package m³ |
| 50 | 240 | 510 | 165 | 405 | 770 | 410 | 4 | 110 | 0,16 |
| 65 | 280 | 570 | 165 | 405 | 770 | 410 | 7,5 | 130 | 0,18 |
| 80 | 310 | 660 | 220 | 475 | 970 | 490 | 11 | 213 | 0,30 |
| 100 | 365 | 785 | 220 | 475 | 970 | 490 | 18,5 | 245 | 0,36 |
| 125 | 440 | 925 | 310 | 615 | 1230 | 655 | 30 | 467 | 0,70 |
| 150 | 495 | 1035 | 310 | 615 | 1230 | 655 | 37 | 518 | 0,78 |





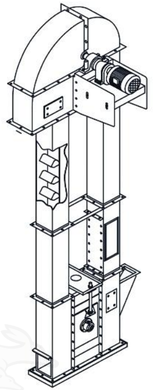

## Technical Data

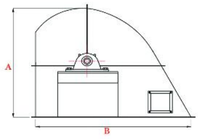
| TYPE GMBW | d/dk rpm | P 1000 mmAq 1000 mmSS | | P 2000 mmAq 2000 mmSS | | P 3000 mmAq 3000 mmSS | | P 4000 mmAq 4000 mmSS | | P 5000 mmAq 5000 mmSS | | P 6000 mmAq 6000 mmSS | | d/dk rpm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Qs m³/dk | La kW | Qs m³/dk | La kW | Qs m³/dk | La kW | Qs m³/dk | La kW | Qs m³/dk | La kW | Qs m³/dk | La kW | |
| 50 | 1000 | 1,33 | 0,72 | 1,18 | 1,07 | 1,04 | 1,45 | 0,90 | 1,81 | | | | | 1000 |
| | 1250 | 1,86 | 0,91 | 1,71 | 1,35 | 1,57 | 1,82 | 1,43 | 2,27 | 1,31 | 2,69 | | | 1250 |
| | 1450 | 2,29 | 1,05 | 2,14 | 1,56 | 2,00 | 2,10 | 1,86 | 2,62 | 1,74 | 3,11 | | | 1450 |
| | 1560 | 2,53 | 1,13 | 2,38 | 1,68 | 2,24 | 2,26 | 2,10 | 2,82 | 1,97 | 3,35 | | | 1560 |
| | 1750 | 2,94 | 1,27 | 2,78 | 1,88 | 2,65 | 2,54 | 2,51 | 3,17 | 2,38 | 3,75 | | | 1750 |
| 65 | 1000 | 2,76 | 1,20 | 2,48 | 1,90 | 2,27 | 2,50 | 2,06 | 3,10 | 1,85 | 3,70 | | | 1000 |
| | 1250 | 3,41 | 1,50 | 3,14 | 2,20 | 2,93 | 2,90 | 2,72 | 3,60 | 2,51 | 4,30 | | | 1250 |
| | 1420 | 4,03 | 1,70 | 3,76 | 2,50 | 3,55 | 3,30 | 3,34 | 4,20 | 3,23 | 5,00 | | | 1420 |
| | 1550 | 4,48 | 1,80 | 4,23 | 2,70 | 4,00 | 3,60 | 3,79 | 4,50 | 3,58 | 5,40 | | | 1550 |
| | 1750 | 5,17 | 2,10 | 4,89 | 3,10 | 4,68 | 4,10 | 4,47 | 5,10 | 4,26 | 6,10 | | | 1750 |
| 80 | 1000 | 4,38 | 1,50 | 3,94 | 2,40 | 3,57 | 2,80 | 3,25 | 4,30 | 2,97 | 5,20 | 2,72 | 6,10 | 1000 |
| | 1150 | 5,27 | 1,80 | 4,85 | 2,90 | 4,48 | 3,90 | 4,16 | 5,00 | 3,87 | 6,00 | 3,61 | 7,10 | 1150 |
| | 1300 | 6,17 | 2,00 | 5,74 | 3,20 | 5,37 | 4,40 | 5,05 | 5,60 | 4,76 | 6,80 | 4,51 | 8,00 | 1300 |
| | 1450 | 7,07 | 2,20 | 6,65 | 3,60 | 6,28 | 5,00 | 5,96 | 6,30 | 5,66 | 7,60 | 5,41 | 9,00 | 1450 |
| | 1600 | 7,96 | 2,50 | 7,54 | 4,00 | 7,17 | 5,50 | 6,85 | 6,90 | 6,55 | 8,40 | 6,30 | 9,90 | 1600 |
| 100 | 1000 | 6,72 | 2,30 | 6,22 | 3,50 | 5,72 | 4,80 | 5,38 | 6,10 | 5,04 | 7,40 | | | 1000 |
| | 1150 | 8,00 | 2,80 | 7,42 | 4,20 | 7,02 | 5,50 | 6,58 | 7,20 | 6,34 | 8,50 | | | 1150 |
| | 1300 | 9,26 | 3,00 | 8,71 | 4,60 | 8,26 | 6,30 | 7,89 | 8,00 | 7,57 | 9,70 | | | 1300 |
| | 1450 | 10,50 | 3,40 | 9,96 | 5,20 | 9,51 | 7,00 | 9,14 | 9,00 | 8,80 | 10,80 | | | 1450 |
| | 1600 | 11,80 | 3,70 | 11,20 | 5,70 | 10,80 | 7,80 | 10,40 | 9,90 | 10,10 | 12,00 | | | 1600 |
| 125 | 970 | 11,0 | 3,4 | 10,2 | 5,7 | 9,5 | 7,9 | 8,9 | 10,2 | 8,5 | 12,5 | 8,0 | 14,8 | 970 |
| | 1150 | 13,5 | 4,0 | 12,7 | 6,7 | 12,1 | 9,4 | 11,5 | 12,1 | 11,0 | 14,8 | 10,6 | 17,5 | 1150 |
| | 1300 | 15,6 | 4,5 | 14,8 | 7,6 | 14,2 | 10,6 | 13,6 | 13,6 | 13,1 | 16,7 | 12,7 | 19,8 | 1300 |
| | 1450 | 17,7 | 5,0 | 16,9 | 8,5 | 16,2 | 11,8 | 15,6 | 15,2 | 15,2 | 18,7 | 14,7 | 22,1 | 1450 |
| | 1600 | 19,8 | 5,5 | 19,0 | 9,3 | 18,3 | 13,0 | 17,7 | 16,8 | 17,3 | 20,6 | 16,8 | 24,4 | 1600 |
| 125 A | 970 | 14,1 | 4,2 | 13,1 | 7,1 | 12,4 | 9,9 | 11,7 | 13,0 | 11,2 | 15,7 | 10,7 | 18,5 | 970 |
| | 1150 | 17,2 | 5,0 | 16,3 | 8,4 | 15,6 | 11,8 | 14,8 | 15,4 | 14,4 | 18,6 | 13,8 | 22,0 | 1150 |
| | 1300 | 19,9 | 5,7 | 18,9 | 9,5 | 18,2 | 13,3 | 17,5 | 17,4 | 17,0 | 21,0 | 16,5 | 24,8 | 1300 |
| | 1450 | 22,5 | 6,3 | 21,6 | 10,6 | 20,9 | 14,8 | 20,2 | 19,4 | 19,6 | 23,4 | 19,1 | 27,7 | 1450 |
| | 1600 | 25,2 | 7,0 | 24,2 | 11,7 | 23,5 | 16,4 | 22,8 | 21,4 | 22,3 | 25,9 | 21,8 | 30,6 | 1600 |

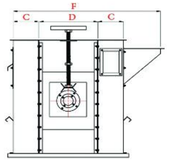
B

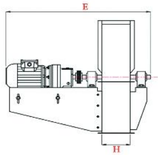
or carrying out pulse and
ical direction at mainly food
e is fully manufactured of
n and which works dustless
nt and coupled. Elevator is
ity, various types of special
: bucket to be connected
work ambient. Specially
bracket suitable for every
notors and has advantages
n each two directions. Speed
ol system , sensor
ocking control units can be
ire. Complete chrome (AISI
available optionally.

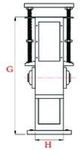
A

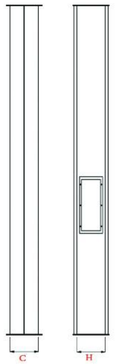




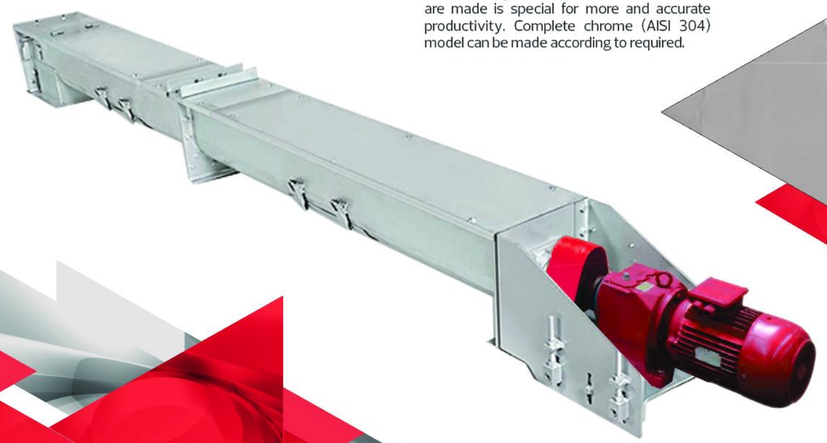



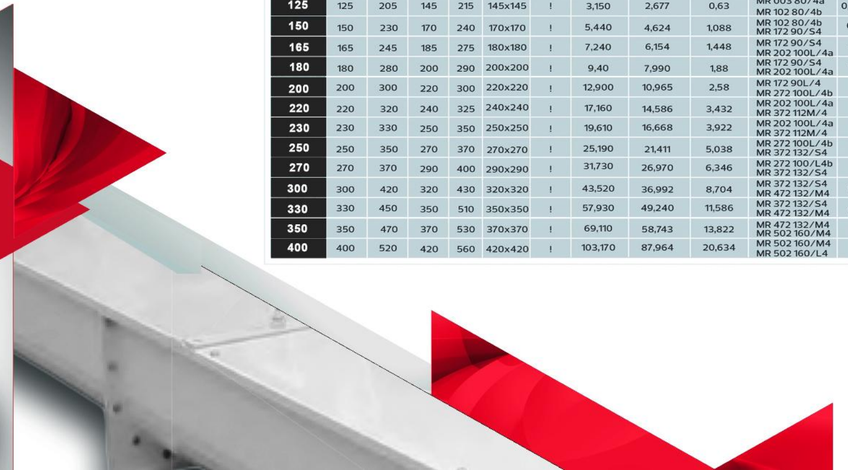



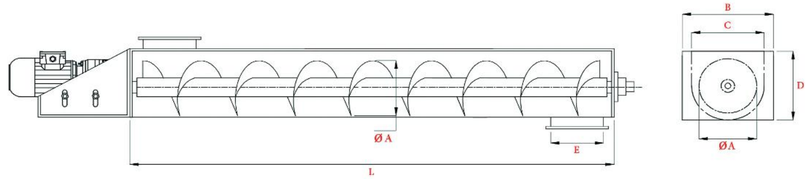

| TYPE | DIMENSIONS (mm) | | | | | | | | Rotor Diameter mm*mm | Belt mm. | Bucket mt. /5 | CAPACITY Wheat max.t/h | CAPACITY Flour max. t/h | REDUCER MOTOR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GGEU | A | B | C | D | E | F | G | H | | | | | | CEI Standart | Kw | 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 |



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.

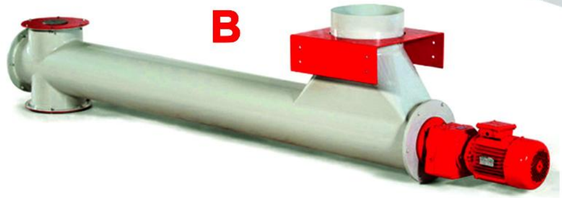




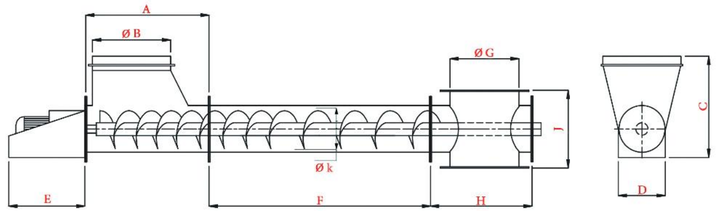



| TYPE | DIMENSIONS (mm) | | | | | | CAPACITY Wheat max. t/h | CAPACITY Flour max. t/h | CAPACITY Bran max. t/h | REDUCER MOTOR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMHW | ØA | B | C | D | E | L/mt | | | | CEI Standart | Kw | Rpm |
| 125 | 125 | 205 | 145 | 215 | 145x145 | ! | 3,150 | 2,677 | 0,63 | MR 003 80/4a<br>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<br>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<br>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<br>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<br>MR 272 100L/4b | 1,5–3 | 100 |
| 220 | 220 | 320 | 240 | 325 | 240x240 | ! | 17,160 | 14,586 | 3,432 | MR 202 100L/4a<br>MR 372 112M/4 | 2,2–4 | 100 |
| 230 | 230 | 330 | 250 | 350 | 250x250 | ! | 19,610 | 16,668 | 3,922 | MR 202 100L/4a<br>MR 372 112M/4 | 2,2–4 | 100 |
| 250 | 250 | 350 | 270 | 370 | 270x270 | ! | 25,190 | 21,411 | 5,038 | MR 272 100L/4b<br>MR 372 132/S4 | 3–5,5 | 100 |
| 270 | 270 | 370 | 290 | 400 | 290x290 | ! | 31,730 | 26,970 | 6,346 | MR 272 100/L4b<br>MR 372 132/S4 | 3–5,5 | 100 |
| 300 | 300 | 420 | 320 | 430 | 320x320 | ! | 43,520 | 36,992 | 8,704 | MR 372 132/S4<br>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<br>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<br>MR 502 160/M4 | 7,5–11 | 100 |
| 400 | 400 | 520 | 420 | 560 | 420x420 | ! | 103,170 | 87,964 | 20,634 | MR 502 160/M4<br>MR 502 160/L4 | 11–15 | 100 |

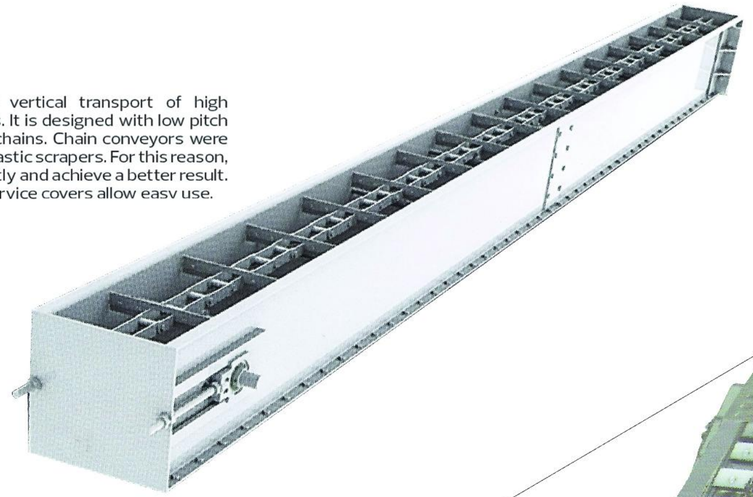
Tube Screw used for carrying flour and particle materials in horizontal and inclined directions. Generally, connect the silo discharging cone existed beneath (rotoflow) and with help of the other screws, products convey to the collector . In case of necessity, it can be produced in various diameter and capacity. Collecting spiral mixes products in different rates delivered from tube screws and allows aggregation.

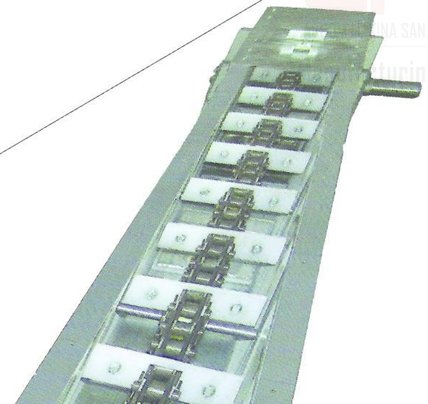



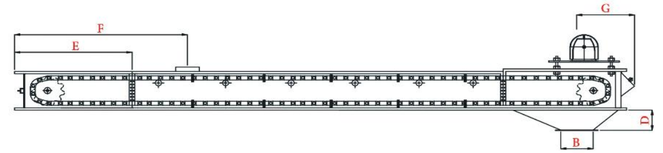

| TYPE | DIMENSIONS (mm) | | | | | | | | | | CAPACITY BRAN t/h max | CAPACITY SEMOLINA t/h max | CAPACITY FLOUR t/h max. | MOTOR | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GMTS | A | OB | C | D | E | F | OG | H | J | OK | | | | CEI Standart | Kw | Rpm |
| 150 | 500 | 500 | 650 | 190 | 400 | ! | 240 | 330 | 350 | 150 | 6 | 8 | 10 | MR 172 90/S4<br>MR 202 100L/4a | 1,1–2,2 | 100 |
| 180 | 600 | 500 | 650 | 220 | 450 | ! | 270 | 380 | 360 | 180 | 10 | 13 | 16 | MR 202 100L/4a<br>MR 272 100L/4b | 2,2–3 | 100 |
| 200 | 700 | 500 | 750 | 240 | 470 | ! | 290 | 410 | 370 | 200 | 11 | 15 | 20 | MR 202 100L/4a<br>MR 372 112M/4 | 2,2–4 | 100 |
| 220 | 700 | 500 | 750 | 260 | 470 | ! | 310 | 430 | 370 | 220 | 18 | 20 | 27 | MR 202 100L/4a<br>MR 372 112M/4 | 2,2–4 | 100 |
| 250 | 800 | 600 | 750 | 290 | 470 | ! | 340 | 470 | 380 | 250 | 22 | 30 | 37 | MR 272 100L/4b<br>MR 372 132S/4 | 3–5,5 | 100 |
| 300 | 900 | 600 | 800 | 340 | 470 | ! | 390 | 520 | 380 | 300 | 26 | 37 | 43 | MR 372 112M/4<br>MR 372 132S/4 | 4–5,5 | 100 |
| 350 | 950 | 600 | 800 | 390 | 470 | ! | 440 | 570 | 380 | 350 | 30 | 40 | 48 | MR 372 112M/4<br>MR 372 132S/4 | 4–5,5 | 100 |

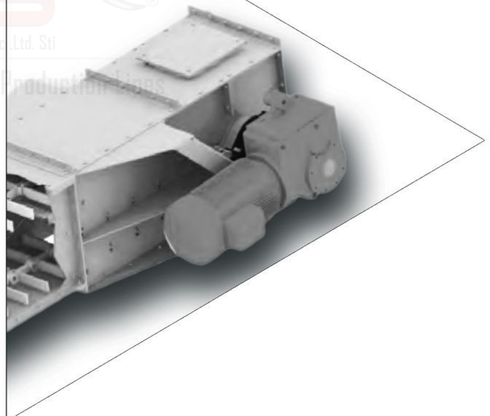


It is used for vertical transport of high tonnage cereals. It is designed with low pitch special carrier chains. Chain conveyors were adapted with plastic scrapers. For this reason, they work silently and achieve a better result. Cleaning and service covers allow easy use.





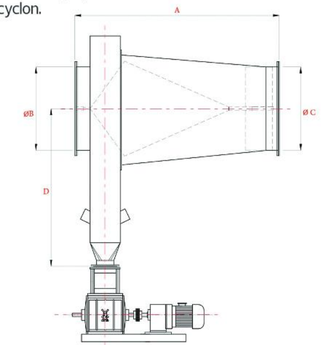


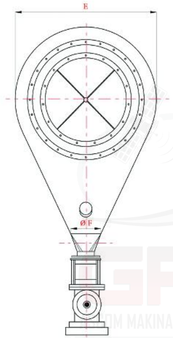



| TYPE | DIMENSIONS (mm) | | | | | | | Lenght m. | CAPACITY t/h max. |
|---|---|---|---|---|---|---|---|---|---|
| GZKW | A | B | C | D | E | F | G | | |
| 50 | 180 | 250 | 320 | 225 | 765 | 1265 | 415 | ! | 50 |
| 100 | 230 | 250 | 405 | 225 | 765 | 1265 | 415 | ! | 100 |
| 150 | 305 | 330 | 435 | 225 | 765 | 1265 | 415 | ! | 150 |
| 200 | 340 | 330 | 435 | 225 | 765 | 1265 | 415 | ! | 200 |
| 250 | 450 | 350 | 435 | 225 | 765 | 1265 | 415 | ! | 250 |
| 300 | 450 | 350 | 520 | 225 | 845 | 1265 | 415 | ! | 300 |

# GANA

Generally , Cyclons 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 cyclon.



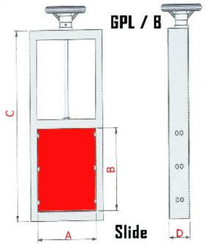

| TYPE | DIMENSIONS (mm) | | | | | | Air Flow Rate ($m^3$) | Approx. Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GANA | A | ØB | ØC | D | E | F | | Net | Gross | Package $m^2$ |
| 30 | 915 | 300 | 300 | 540 | 505 | 150 | 35-50 | 67 | 80 | 0,37 |
| 35 | 1035 | 350 | 350 | 635 | 665 | 150 | 50-70 | 70 | 84 | 0,69 |
| 40 | 1135 | 400 | 400 | 720 | 745 | 150 | 70-90 | 83 | 95 | 0,94 |
| 50 | 1315 | 500 | 500 | 880 | 905 | 150 | 90-110 | 110 | 123 | 1,66 |
| 60 | 1760 | 600 | 600 | 2120 | 1250 | 185 | 110-130 | 150 | 166 | 5,98 |

GPS-ASCOM



GPL / A

GPL / B

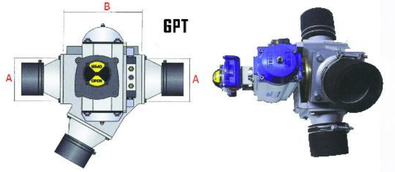



Slide

Pneumatc Slide

| Type | Dimensions(mm) | | | |
|---|---|---|---|---|
| | A | B | C | D |
| GPL 165 | 165 | 165 | 430 | 90 |
| GPL 180 | 180 | 180 | 460 | 90 |
| GPL 200 | 200 | 200 | 500 | 90 |
| GPL 230 | 230 | 230 | 560 | 90 |
| GPL 250 | 250 | 250 | 600 | 90 |
| GPL 280 | 280 | 280 | 660 | 90 |
| GPL 300 | 300 | 300 | 700 | 90 |
| GPL 330 | 330 | 330 | 760 | 90 |
| GPL 380 | 380 | 380 | 860 | 90 |
| GPL 410 | 410 | 410 | 820 | 90 |

GPT



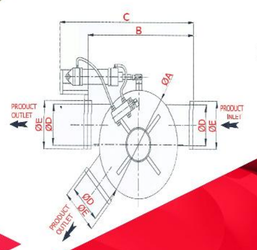

Pnematc Line Diverting Gate

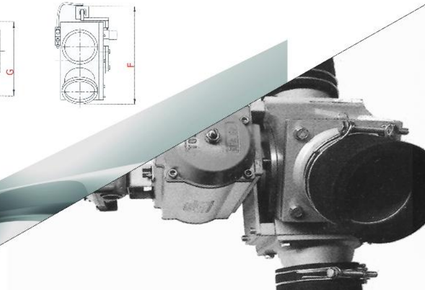
| Type | Dimensions (mm) | |
|---|---|---|
| | A | B |
| GPT 065 | 65 | 161 |
| GPT 100 | 100 | 200 |
| GPT 120 | 120 | 230 |
| GPT 140 | 140 | 260 |

GPK

Pnematc Line Diverting Gate

| Type | Weights Kg | Package Volume $m^3$ | | Dimensions mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Net | Gross | ØA | B | C | ØD | ØE | F | G |
| GPK 50 | 16,5 | 0,05 | 0,1 | 180 | 250 | 640 | 27 - 33 , 36 - 42 42 - 48 , 54 - 60 | 100 | 340 | 210 |
| GPK 70 | 18,5 | 0,06 | 0,12 | 225 | 310 | 690 | 63 - 70 | 130 | 360 | 230 |
| GPK 95 | 35 | 0,1 | 0,19 | 285 | 400 | 900 | 83 - 89 , 95 - 102 | 165 | 440 | 250 |
| GPK 110 | 55 | 0,13 | 0,24 | 370 | 485 | 985 | 108 - 114 , 119 - 127 | 190 | 480 | 280 |
| GPK 135 | 65 | 0,16 | 0,27 | 380 | 485 | 995 | 133 - 139 | 215 | 520 | 300 |
| GPK 160 | 70 | 0,21 | 0,35 | 430 | 540 | 1100 | 153 - 159 , 162 - 168 | 230 | 600 | 320 |

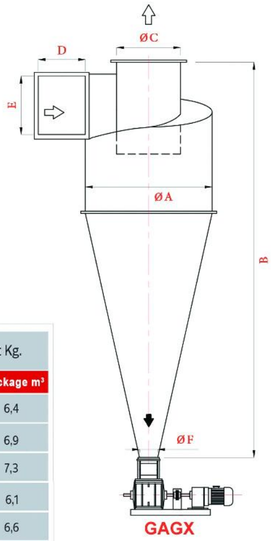


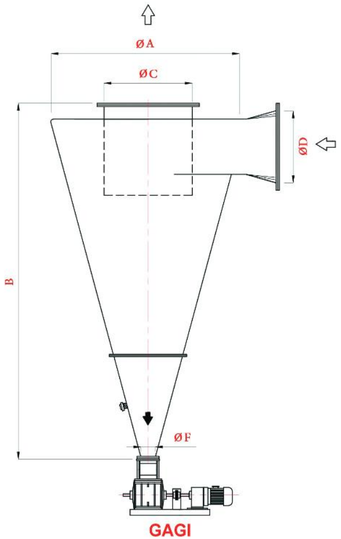
Generally , Cyclones used for decomposing air and product.Usefull for different aims with respect to their body structure. By the help of aspirator with absorbed air, it decomposes the strange particles that entered into the cyclone. Air is set free over the cyclon and the strange materials unload from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

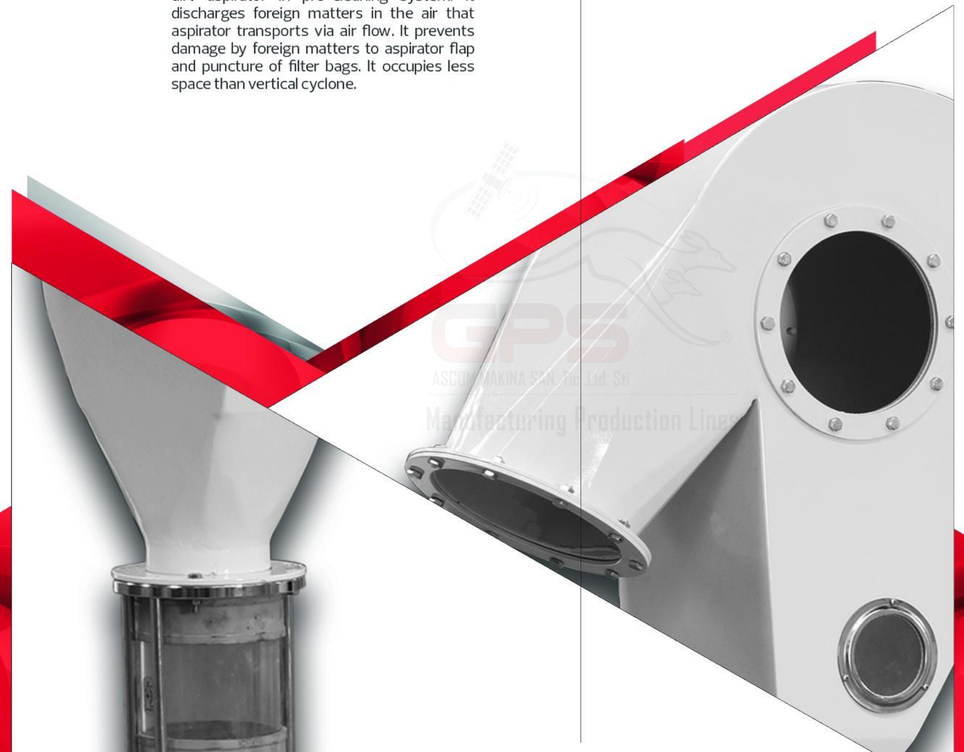



GAGX

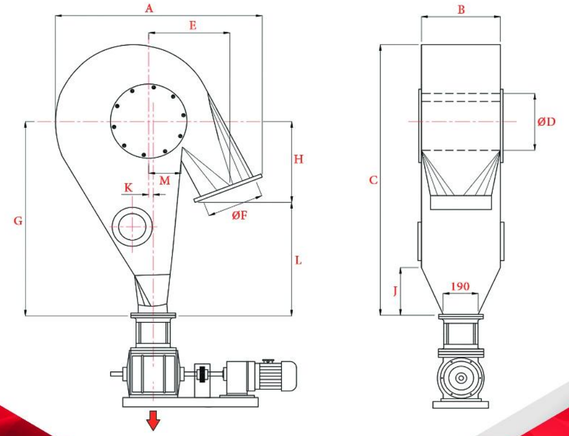



GAGI

It is used after purifier and air canal and dirt aspirator in pre-cleaning system. It discharges foreign matters in the air that aspirator transports via air flow. It prevents damage by foreign matters to aspirator flap and puncture of filter bags. It occupies less space than vertical cyclone.

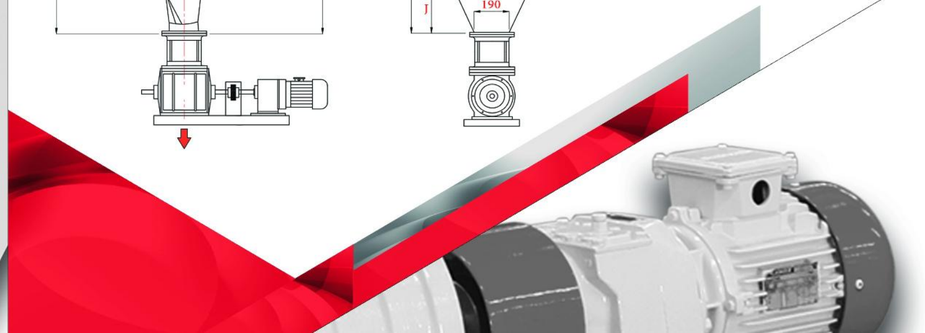


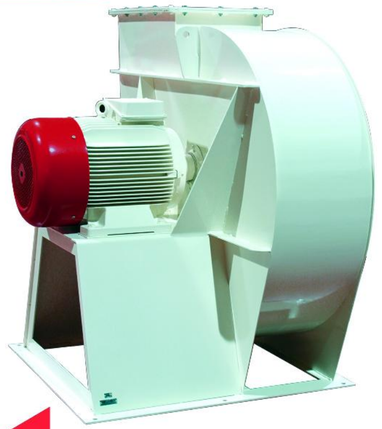
| TYPE | DIMENSIONS (mm) | | | | | | | | | | | | | Air Need m3/min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GANB | A | B | C | ØD | E | ØF | G | H | J | K | L | M | N | | Net | Gross | Package m³ |
| 25 | 766 | 313 | 900 | 250 | 248 | 250 | 661 | 375 | 286 | 54 | 336 | 104 | 131 | 36 | 41 | 56 | 0,22 |
| 30 | 920 | 375 | 1273 | 300 | 298 | 300 | 867 | 435 | 432 | 65 | 404 | 129 | 198 | 36-50 | 48 | 66 | 0,45 |
| 35 | 1071 | 438 | 1547 | 350 | 348 | 350 | 1074 | 496 | 578 | 76 | 471 | 153,5 | 265,5 | 50-70 | 55 | 71 | 0,73 |
| 40 | 1226 | 500 | 1820 | 400 | 398 | 400 | 1280 | 555 | 725 | 87 | 538 | 177 | 133 | 70-90 | 63 | 79 | 1,12 |
| 50 | 1533 | 625 | 2368 | 500 | 498 | 500 | 1693 | 676 | 1017 | 109 | 673 | 226 | 467 | 110-140 | 69 | 85 | 2,3 |



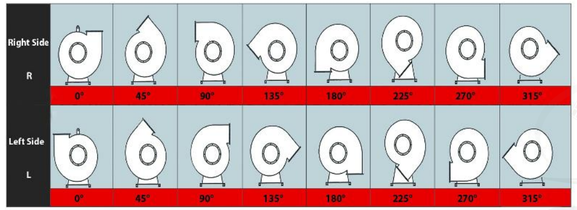




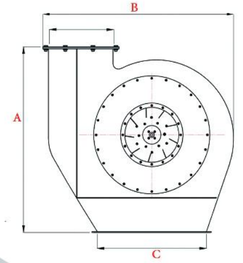


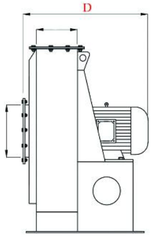


Medium Pressure Aspirator is used for different aims, such as cleaning and processing of flour and semolina, by the help of air. It is connected to motor with V-Belt or direct coupling. Dust Aspirator is used in various applications and usage area, due to its different manufacturing types and dimensions according to their values of flow rate and pressure. Different body types are exists for dust aspirator. Special design can be produced depending on application area.

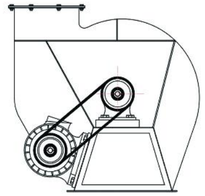



| TYPE | DIMENSIONS (mm) | | | | | | Sta. Pressure mm WS | Air Need m³/min | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GTAP/GTAK | A | B | C | D | E | F*G | | | CEI Standar | Kw | Rpm | Net | Gross | Package m³ |
| 4 | 920 | 860 | 660 | 690 | 400 | 280X240 | 11 | 285 | AGM 112 M4 | 4 | 1500 | 290 | 377 | 0,55 |
| 5.5 | 1100 | 1200 | 850 | 840 | 400 | 300X350 | 75-160 | 520-310 | AGM 132 S4 | 5,5 | 1500 | 360 | 486 | 1,1 |
| 7.5 | 1220 | 1300 | 850 | 960 | 400 | 300X400 | 95-215 | 675-310 | AGM 132 M4 | 7,5 | 1500 | 370 | 495 | 1,52 |
| 11 | 1300 | 1360 | 920 | 1050 | 450 | 300X425 | 60-85 | 525-475 | AGM 160 M4 | 11 | 1500 | 410 | 553 | 1,85 |
| 15 | 1350 | 1500 | 970 | 1100 | 500 | 350X420 | 110-66 | 610-475 | AGM 160 L4 | 15 | 1500 | 450 | 607 | 2,22 |
| 18.5 | 1360 | 1520 | 950 | 1180 | 500 | 350X430 | 115-215 | 640-475 | AGM 180 M4 | 18,5 | 1500 | 454 | 612 | 2,44 |
| 22 | 1400 | 1460 | 950 | 1250 | 550 | 360X470 | 110-285 | 700-475 | AGM 180 L4 | 22 | 1500 | 475 | 643 | 2,83 |
| 30 | 1500 | 1550 | 1150 | 1300 | 600 | 450X570 | 100-135 | 750-685 | GM 200 L4 | 30 | 1500 | 505 | 681 | 3,04 |
| 37 | 1520 | 1580 | 1130 | 1400 | 600 | 410X640 | 110-185 | 780-685 | GM 225 S4 | 37 | 1500 | 524 | 707 | 3,36 |
| 45 | 1550 | 1580 | 1150 | 1500 | 600 | 410X600 | 135-412 | 790-100 | GM 250L4 | 45 | 1500 | 548 | 735 | 3,67 |

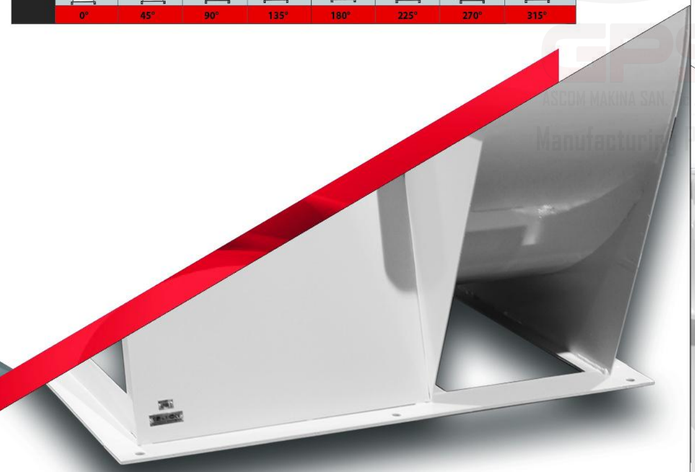


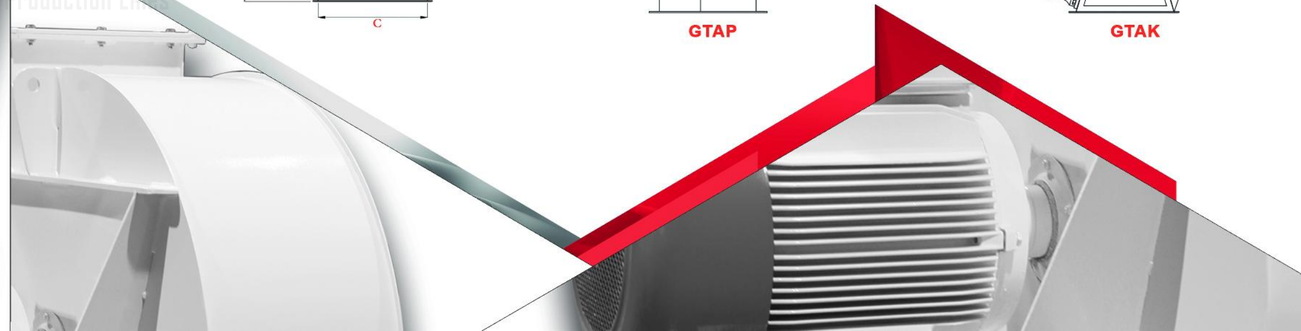




GTAP



GTAK



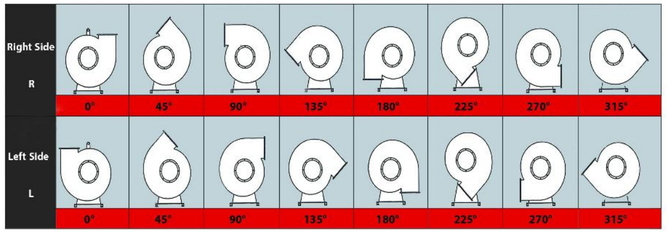


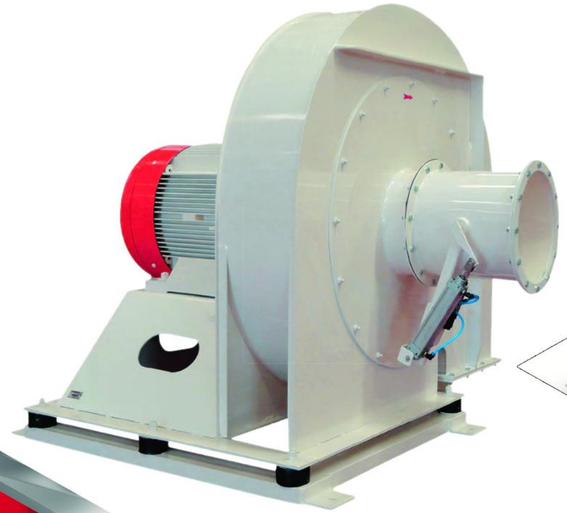
# GRSO

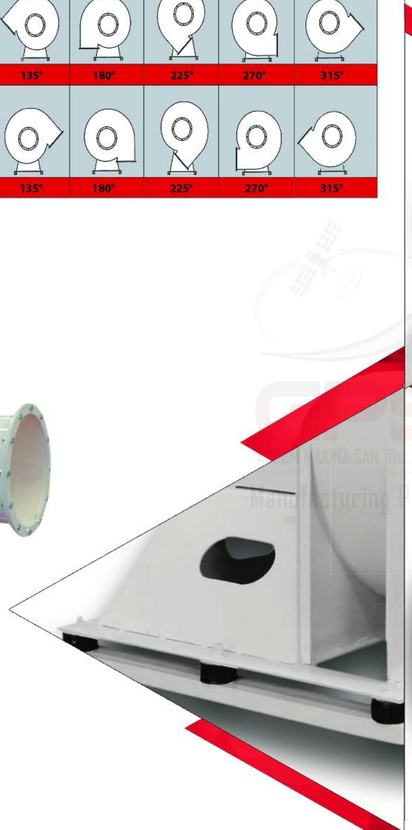
Used for transferring products with air aspiration in food industries. They have high productivity and provide minimum energy consumption according to its working conditions.

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

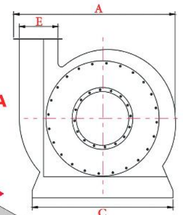
type of pneumatic fans are available in our manufacturing designs.

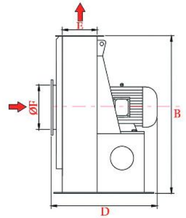


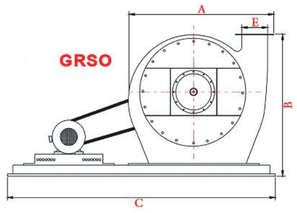


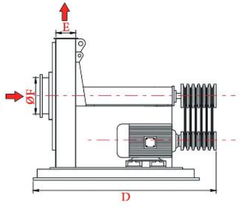
GRSA




GRSO

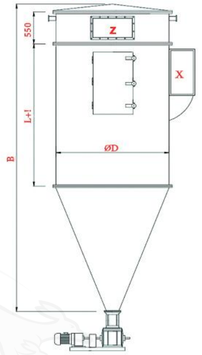



| TYPE | DIMENSIONS (mm) | | | | | | Sta. Pressure mm WS | Air Need m³/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRSO - GRSA | A | B | C | D | E | OF | | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| 45 | 1415 | 1397 | 1300 | 820 | 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 |

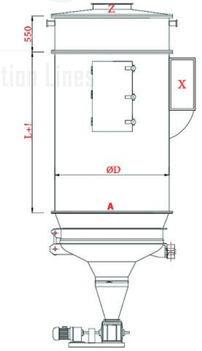
Jet- Plus Filter is used for refining the air from air-dust mixture then keeping the dust and setting clean air free by stock. Jet-Plus Filter used for 2.5-800 m3 / min of the flow rate in dusty air. Firstly, Round shaped of filter body works as cyclone principal, then refining process occurs and then 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.

## ASSEMBLE WITH CONICAL

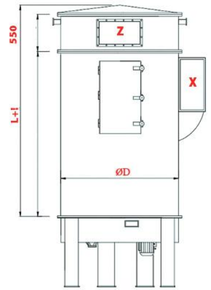



| TYPE | | GFSA-4 | | | | GFSA-10 | | | | GFSA-18 | | | | GFSA-26 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hose Lenght L mm | | 1200 | 1800 | 2400 | 3000 | 1200 | 1800 | 2400 | 3000 | 1200 | 1800 | 2400 | 3000 | 1200 | 1800 | 2400 | 3000 |
| Filter Space m² | | 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 |

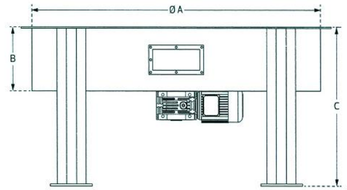
## ASSEMBLY WITH ROTOFLOW

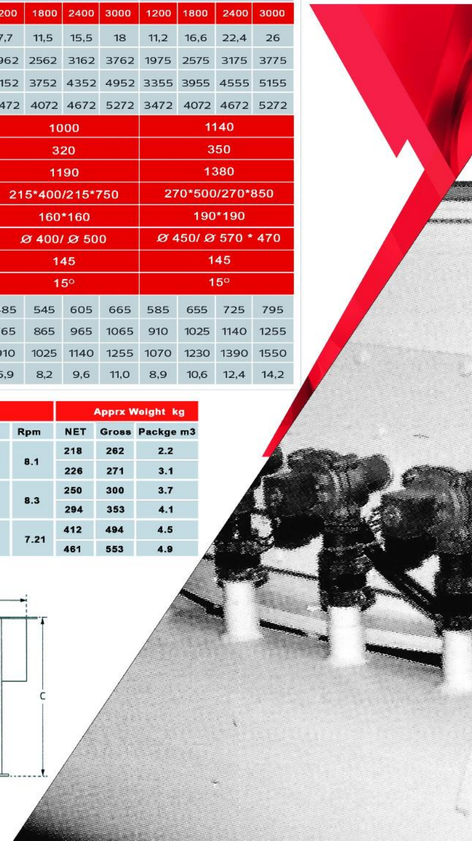



## ASSEMBLY WITH BOTTOM DISCHARGER



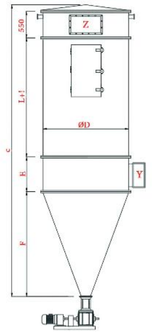

| TYPE | DIMENSIONS mm | | | Motor | | | Apprx Weight kg | | |
|---|---|---|---|---|---|---|---|---|---|
| DISI | ØA | B | C | CEI Standart | KW | Rpm | NET | Gross | Packge m3 |
| 18 | 100 | 290 | 740 | MR37390S6A | 0.75 | 8.1 | 218 | 262 | 2.2 |
| 20 | 1140 | | | | | | 226 | 271 | 3.1 |
| 39 | 1340 | | | MR674 90S4B | 1.1 | 8.3 | 250 | 300 | 3.7 |
| 52 | 1500 | | | | | | 294 | 353 | 4.1 |
| 78 | 1840 | | | MR 473 90L4C | 1.5 | 7.21 | 412 | 494 | 4.5 |
| 104 | 2030 | | | | | | 461 | 553 | 4.9 |



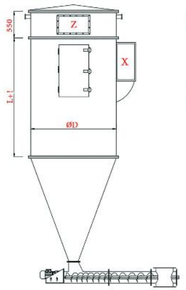



| TYPE | | GFSA-39 | | | | GFSA-52 | | | | GFSA-78 | | | | GFSA-104 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hose Lenght L mm | | 1200 | 1800 | 2400 | 3000 | 1200 | 1800 | 2400 | 3000 | 1200 | 1800 | 2400 | 3000 | 1200 | 1800 | 2400 | 3000 |
| Filter Space m² | | 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 |

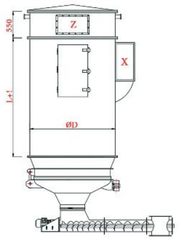
**ASSEMBLY WITH FILTER + CYCLONE**

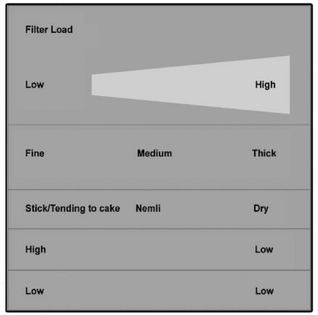


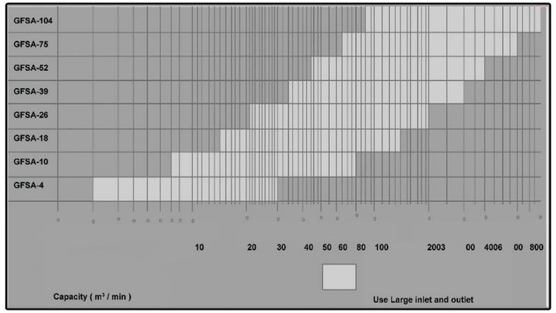

**ASSEMBLY WITH TUBE SCREW + CONICAL**

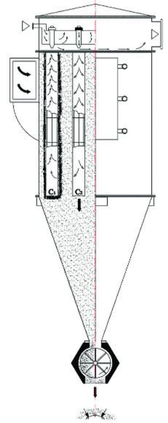



**ASSEMBLE WITH CROTOFLOW + TUBE SCREW**



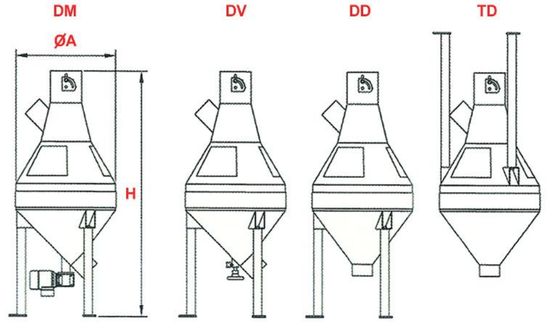



It is used to separate light shells and similar particles from grian inclined pipe and scatters hitting to the rotating blades. At shell etc. are carried by vacuum air through the upper channe in the upper channel.

Cleaned product flows out through bottom cone.

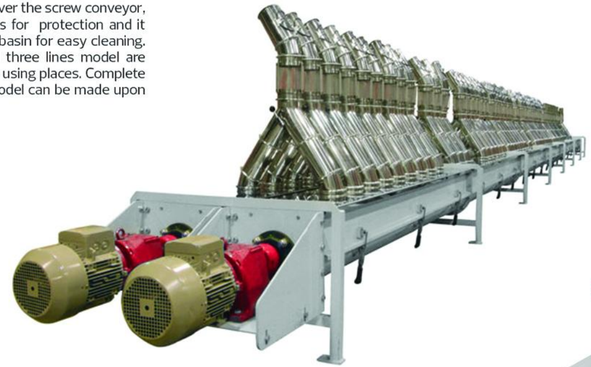
In high capacity models reductor motors are used to rotate the blades.

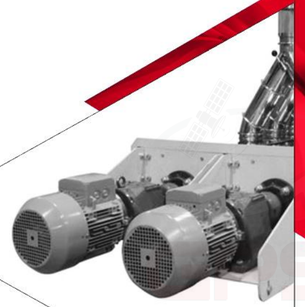
| TYPE | OA | H | MOTOR kw | REQUIRED AIR m³ / min |
|---|---|---|---|---|
| GKNS 55 | Ø550 | 1450 | - | 32 |
| GKNS 55-M | Ø550 | 1450 | 0.37 | 25 |
| GKNS 70 | Ø700 | 1590 | - | 52 |
| GKNS 70-M | Ø700 | 1590 | 0.55 | 40 |
| GKNS 90-M | Ø900 | 2170 | 0.55 | 70 |

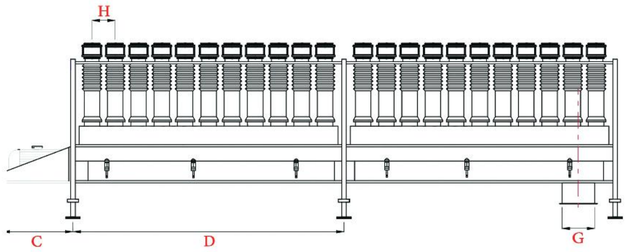


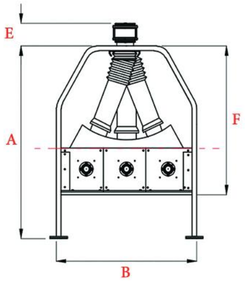

GPS-ASCOM

Flour Screw Conveyor used for carrying of final products which come together from different sections in horizontal direction . Displaying glasses are available on entrance of flour screw conveyor enable seeing the product flows. Changing of holes are very easy by means of using plastic spiral pipes. Covers are available over the screw conveyor, they provide easiness for protection and it has doors below the basin for easy cleaning. Two lines model and three lines model are available according to using places. Complete chrome (AISI 304) model can be made upon request.

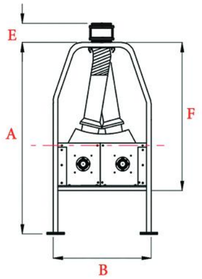







TYPE 3




TYPE 2

| TYPE | DIMENSIONS (mm) | | | | | | | | Lenght m. | Capacity Bran max. t/h | Capacity Flour max. t/h | Reducer Motor | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GEAS | A | B | C | D | E | F | G | H | | | | CEI Standert | Kw | Rpm |
| 180 | 1200 | ! | 560 | 2000 | 135 | ! | 200<br>200 | 175 | ! | 1,5–2,8 | 3,5–6,3 | MR 172 90/S4<br>MR 202 100L/4a | 1,1–2,2 | 100 |
| 200 | 1200 | ! | 560 | 2000 | 135 | ! | 220<br>220 | 175 | ! | 2,2–3,8 | 4,8–9,6 | MR 172 90L/4<br>MR 272 100L/4b | 1,5–3 | 100 |
| 250 | 1400 | ! | 580 | 2000 | 135 | ! | 270<br>270 | 175 | ! | 4–7 | 10–19 | MR 202 100L/4a<br>MR 372 112M/4 | 2,2–4 | 100 |
| 300 | 1400 | ! | 580 | 2000 | 135 | ! | 320<br>320 | 175 | ! | 7–15 | 19–27 | MR 272 100L/4b<br>MR 372 132 S/4 | 3–5,5 | 100 |

# 5-Packing Section


Rotoflow unloader 59


Distributor 60


Vitamin adding 61


In-line larvae destroyer 62


PASSAGE CONTROL SIEVE 63


Flour dosing 63

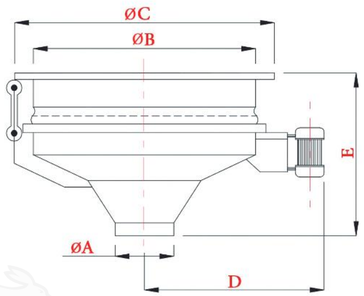

Process weigher 64

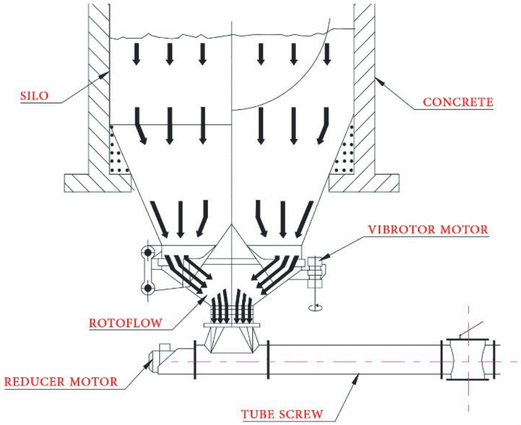

Bagging scale 65


Packing system 66


Color sorter 67

Rotoflow used for dischaging silos smoothly from flour, cereal, bran etc . Exit hole is connected to the main body by steel joints and the funnel is connected to a vibrator motor. So the product in the silos can be easily installed over the tube screw and conveyor. It is assembled with the concrete and steel silos.




| TYPE | DIMENSIONS (mm) | | | | | CEI Standart | Vibro Motor | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GEAS | ØA | ØB | ØC | D | E | | Kw | Rpm | Net | Gross | Package m³ |
| 60 | 130 | 600 | 700 | 500 | 440 | BM 90/15 | 0,055 | 1500 | 50 | 110 | 0,6 |
| | 135 | 600 | 700 | 500 | 440 | | | | | | |
| | 140 | 600 | 700 | 500 | 440 | | | | | | |
| 130 | 300 | 1300 | 1410 | 900 | 750 | BM 520/15 | 0,23 | 1500 | 295 | 380 | 2,1 |
| | 400 | 1300 | 1410 | 900 | 750 | | | | | | |
| | 500 | 1300 | 1410 | 900 | 750 | | | | | | |
| 160 | 400 | 1600 | 1690 | 1040 | 900 | BM 750/15 | 0,35 | 1500 | 440 | 560 | 4,3 |
| | 500 | 1600 | 1690 | 1040 | 900 | | | | | | |
| | 600 | 1600 | 1690 | 1040 | 900 | | | | | | |
| 185 | 500 | 1850 | 1980 | 1240 | 915 | BM 1100/15 | 0,43 | 1500 | 580 | 700 | 5,2 |
| | 600 | 1850 | 1980 | 1240 | 915 | | | | | | |
| | 700 | 1850 | 1980 | 1240 | 915 | | | | | | |

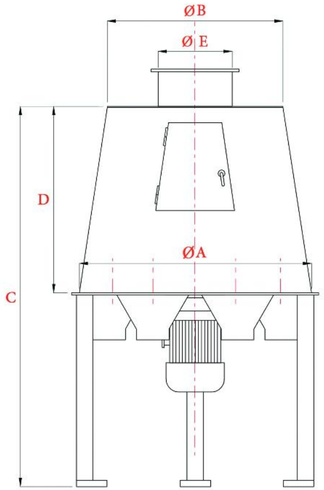


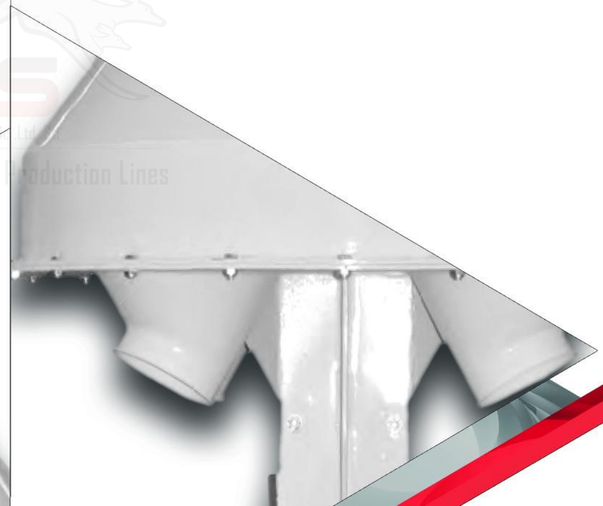
Distributer division function is feeding of sieve (sifter) in equal quantities and regular shape.
Different model is available according to sieve need.

F8

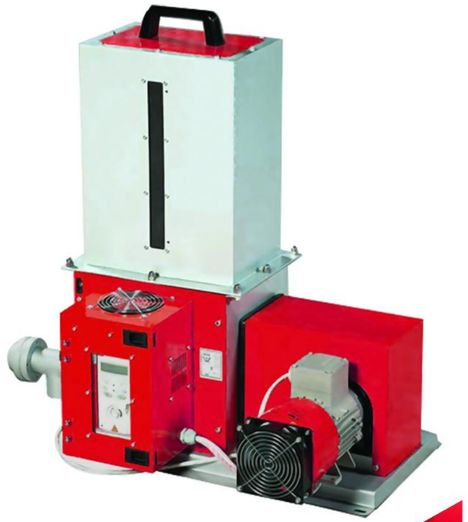
F4

| TYPE | DIMENSIONS (mm) | | | | | CAPACITY t/h | Reducer Motor | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GUDW | OA | OB | C | D | OE | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| 4 | 950 | 780 | 1450 | 790 | 250 | 4–15 | MR 273 80/4a | 0,55 | 22 | 160 | 210 | 0,80 |
| 6 | 950 | 780 | 1450 | 790 | 300 | 9–25 | MR 273 80/4b | 0,75 | 22 | 220 | 290 | 2,25 |
| 8 | 1280 | 820 | 1450 | 840 | 350 | 19–45 | MR 283 90/S4 | 1,1 | 22 | 290 | 390 | 3,80 |

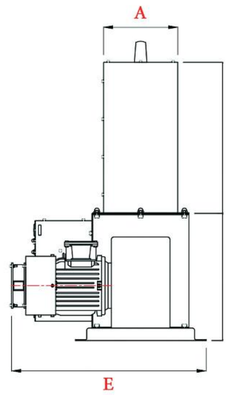


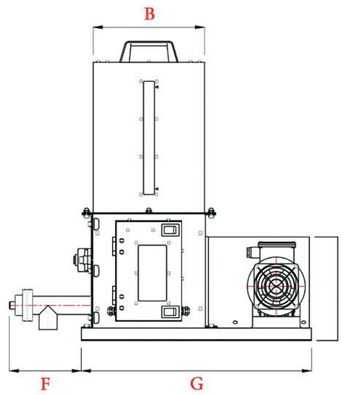



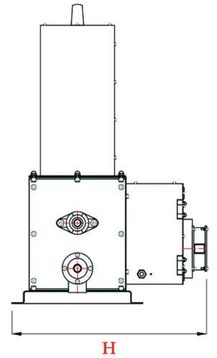
# GTVK



It is used for added vitamin into product at desired portion. Vitamin materials which are in the storage on the machine are inserted to the product by speed control device. This machine is usually mounted on the screw conveyors.



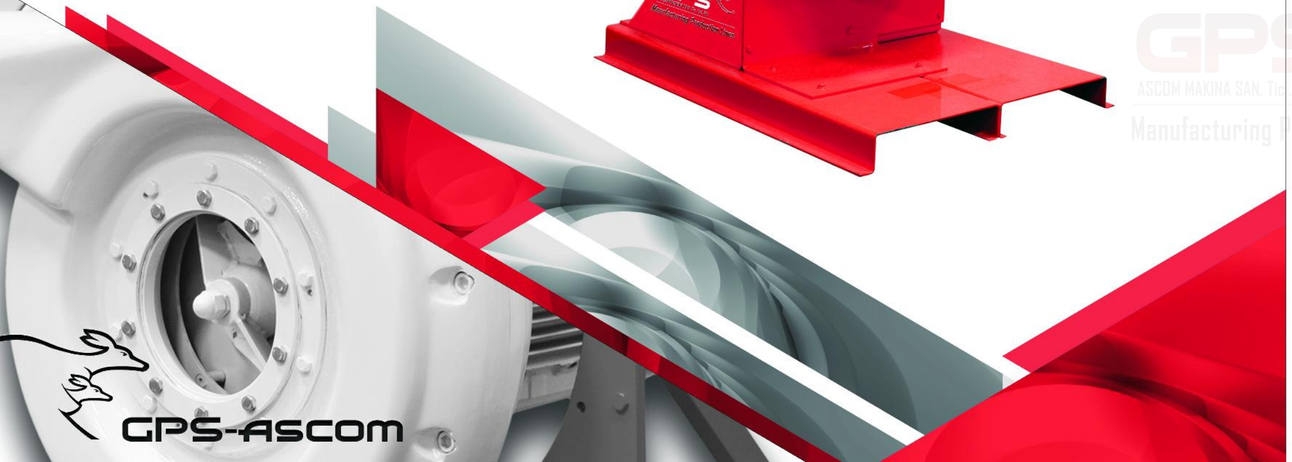




| TYPE | DIMENSIONS (mm) | | | | | | | | | CAPACITY gr | Reducer Motor | | | Air Need $m^3$/min | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GTVK | A | B | C | D | E | F | G | H | I | | CEI Standart | Kw | Rpm | | Net | Gross | Package $m^3$ |
| 60 | 20 | 29,8 | 40 | 33 | 52,5 | 19,5 | 62 | 46,5 | 31,5 | 1-1000 | BM 50/3 | 0,37 | 3000 | 4 | 85 | 135 | 1,40 |

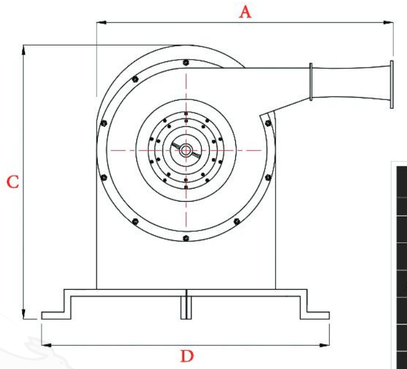
GPS-Ascom

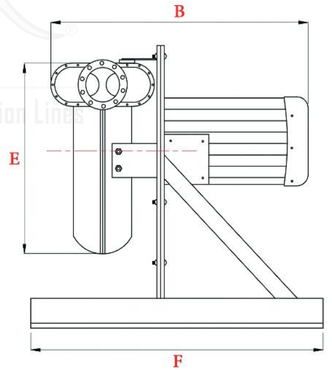
# GJZG

Larvae impact machine is used for blow up larvae (insects eggs) which exist in flour. Finished products are passed into the larvae impact machine before going to silos .This high revolution machine cleaves insect larvae and prevent become insects in flour. It is an advantage when using in high temperature areas and countries especially.

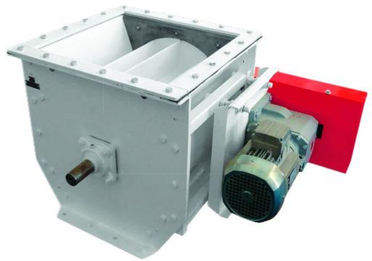
GPS-ASCOM

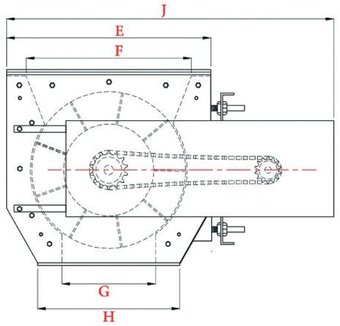


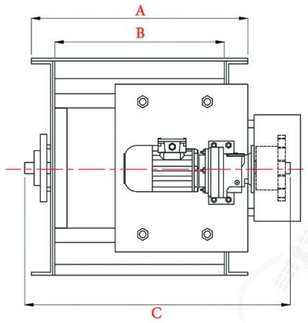




| TYPE | DIMENSIONS (mm) | | | | | | CAPACITY t/h | MOTOR | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GJZG | A | B | C | D | E | F | | CEI Standart | Kw | Rpm | Net | Gross | Package m³ |
| 51-D/11 | 1200 | 950 | 1200 | 1000 | 750 | 1350 | 4–4,5 | GM 160 M2a | 11 | 3000 | 460 | 505 | 1,38 |
| 51-D/15 | 1200 | 950 | 1200 | 1000 | 750 | 1350 | 5–6 | GM 160 M2b | 15 | 3000 | 465 | 515 | 1,38 |
| 51-D/18.5 | 1200 | 950 | 1200 | 1000 | 750 | 1350 | 8–9 | GM 160 L2 | 18,5 | 3000 | 490 | 535 | 1,38 |
| 51-D/22 | 1200 | 950 | 1200 | 1000 | 750 | 1350 | 9–11 | GM 180 M2 | 22 | 3000 | 525 | 570 | 1,38 |
| 51-D/30 | 1200 | 950 | 1200 | 1000 | 750 | 1350 | 11–15 | GM 200 L2a | 30 | 3000 | 595 | 645 | 1,38 |
| 51-D/37 | 1200 | 950 | 1200 | 1000 | 750 | 1350 | 15–18,5 | GM 200 L2b | 37 | 3000 | 615 | 665 | 1,38 |







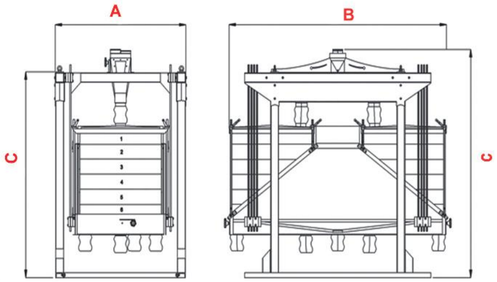



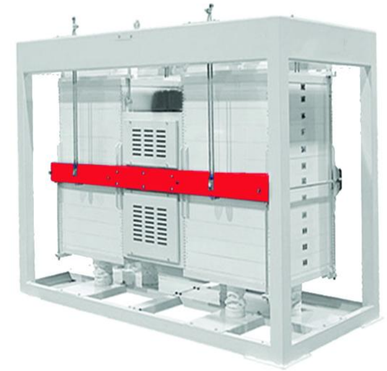

Flour Dosing Machine is used for to measure products when are taken from silo. Dosing machine is installed at exit of the unloading rotoflow. it's revolution is set to required speed by the help of speed control equipment and depending on the products which are in the silos to be transferred to the spiral shape mixing chamber at different quantities. Sensitive setting, consequently products are mixed totally easily as required quantities.

| TYPE | DIMENSIONS (mm) | | | | | | | | | Approx Weight Kg. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GFUB | A | B | C | D | E | F | G | H | J | Net | Gross | Package m³ |
| 400 | 520 | 410 | 615 | 650 | 650 | 415 | 290 | 450 | 1040 | 200 | 267 | 0,85 |
| 500 | 620 | 510 | 815 | 650 | 650 | 515 | 290 | 450 | 1040 | 224 | 291 | 0,95 |
| 700 | 820 | 710 | 1005 | 650 | 650 | 515 | 290 | 450 | 1240 | 237 | 308 | 1,04 |

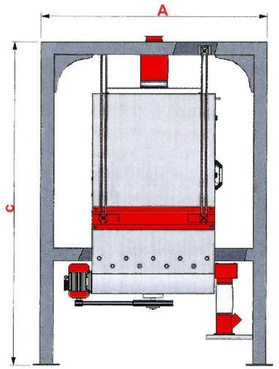




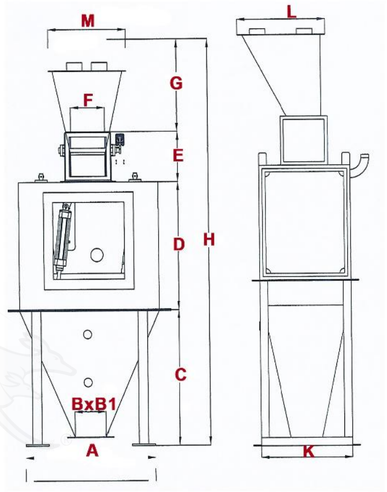


| Type | Technical Features | | | | | | Dimensions mm | | | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | Number Compartments | Number Sieves pcs | Sievee Area in m2 | Capacity t/h | Volume m3 | Power kw | A | B | C | |
| GPE 1/12 | 1 | 18 | 4.3 | 6-8 | 7.2 | 1.5 | 1700 | 1700 | 2500 | 1420 |
| GPE 2/10 | 2 | 18 | 5.5 | 14-15 | 6.15 | 2.2 | 2400 | 1280 | 2000 | 1550 |
| GPE 2/18 | 2 | 1 | 9.5 | 14-15 | 6.15 | 2.2 | 2400 | 1280 | 2000 | 1550 |

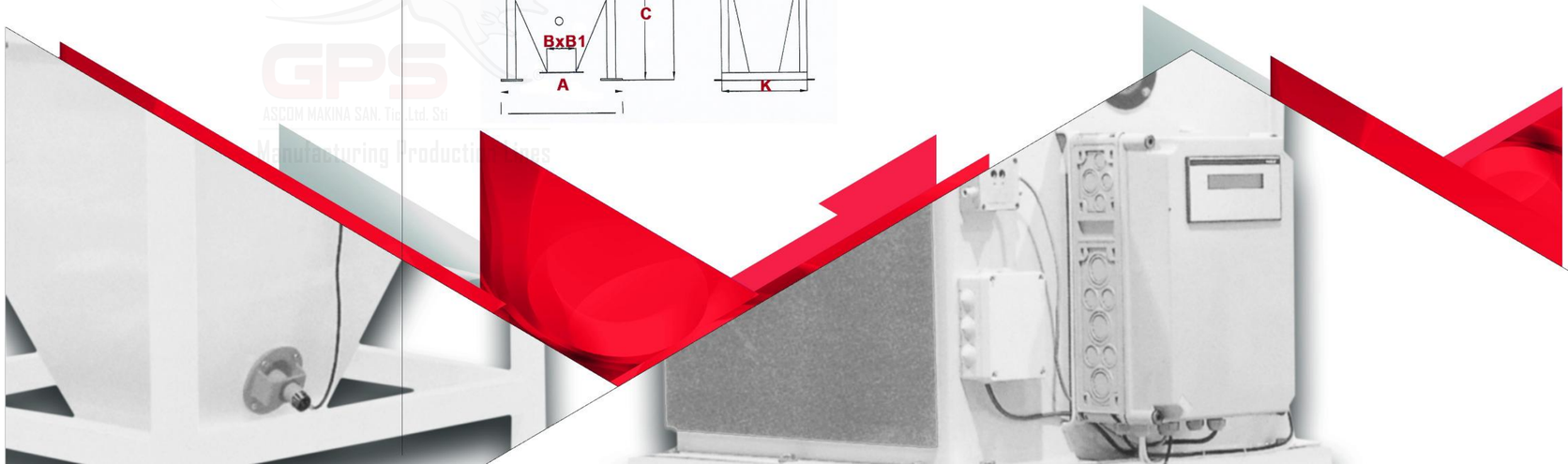


It is used for online monitoring of final products. Different weighers are used for each kind of obtained product. Extraction values are controlled by PLC and reported as daily monthly and yearly.



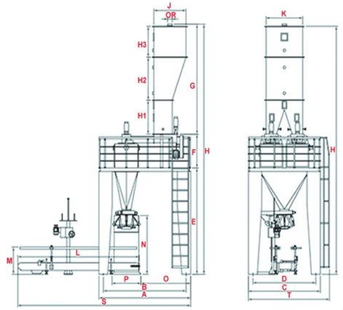

| TYPE | A | BXB | C | D | E | G | H | CAPASITY (t / h) | | | | AIR | AIR REQUIREMENT (lt /dk - m/bar) | | Weigh |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | m3 | WHEAT | FLOUR | BRAN | m3 / min | lt / dk | m / bar | |
| GSRK 30 | 715 | 200 | 708 | 592 | 300 | 555 | 2155 | 0,058 | 0 - 5 | 0 - 3 | 0 - 1.5 | 8 | 60 | 5 - 6 | 350 |
| GSRK 60 | 765 | 200 | 708 | 692 | 300 | 555 | 2255 | 0,17 | 3 - 10 | 2 - 6 | 1 - 3 | 10 | 60 | 5 - 6 | 450 |
| GSRK 100 | 835 | 200 | 810 | 765 | 300 | 555 | 2430 | 0,32 | 5 -20 | 4-15 | 2 - 6 | 12 | 60 | 5 - 6 | 525 |
| GSRK 250 | 1119 | 300 | 1158 | 935 | 360 | 900 | 3353 | 0,32 | 10 - 50 | 6 - 30 | 3 -15 | 12 | 60 | 5 - 6 | 525 |
| GSRK 500 | 1260 | 400 | 1560 | 1240 | 660 | 809 | 4265 | 0,32 | 10 - 50 | 6 - 30 | 3 -15 | 12 | 60 | 5 - 6 | 675 |



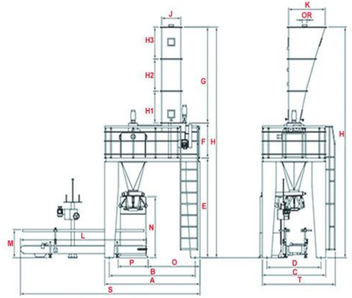


Accurate weighing with two covers
Cleaning covers Loadcells Excellent imperviousness on discharge on the nozzle (s) Pneumatic vibrator
Possibility to connect to sticking to avoid aspiration of product when required

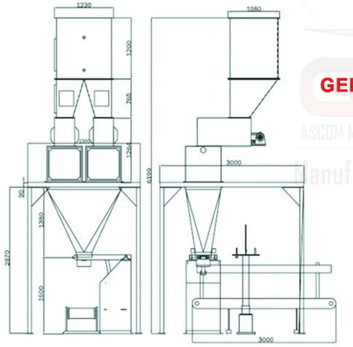
GPS-ASCOM



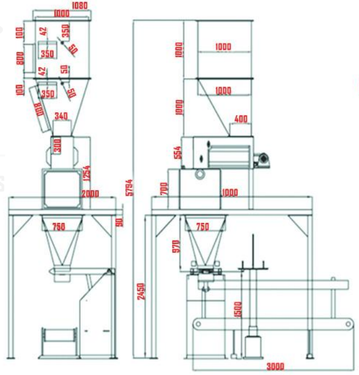
GBS-D



GBS-S



GEE-21KT



GEE11KT

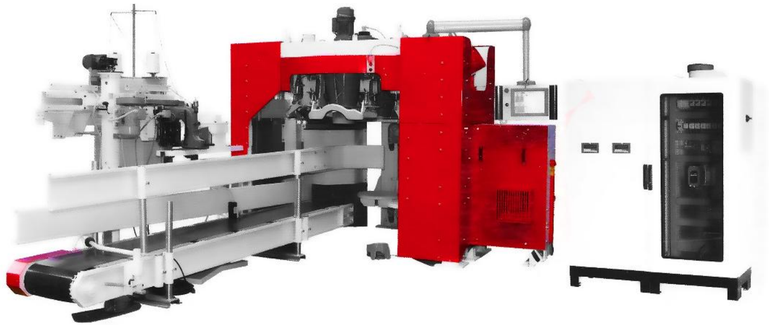
| Dimensions (mm) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model Type | A | B | C | D | E | F | G | H | J | K | L | M | N | O | P | OR | S | T | H1 | H2 | H3 |
| GBS-D | 2998 | 2556 | 2348 | 1906 | 3103 | 979 | 3215 | 7296 | 1050 | 3965 | 3965 | 800 | 1715 | 1627 | 942 | 150 | 5645 | 2650 | 1000 | 1250 | 900 |
| GBS-S | 2998 | 2256 | 1998 | 1556 | 2803 | 979 | 2764 | 6546 | 600 | 1156 | 3965 | 800 | 1715 | 1630 | 942 | 150 | 5648 | 2298 | 900 | 900 | 900 |

| | 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 |
| Sensitivity | between 0.001 - 0.003 | between 0.001 - 0.003 |
| Upper Bunker Capacity | 1953 lt | 2531 lt |
| Pan of Balance Cap | 100 lt | 2×100 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 |

| | GEE-21KT | |
|---|---|---|
| Bulk Material | BRAN | BRAN |
| Density | 0.35 kg/m3 | 0.35 kg/m3 |
| Maximum | 44 kg | 2x44 kg |
| Weighing range | 15 - 40 kg | 15 - 40 kg |
| Screen Resolution | | |
| Indicator Resolution | | |
| Sensitivity | 0.3 % | 0.3 % |
| Upper Bunker Capacity | 1502 lt | 2561 lt |
| Pan of Balance Cap | 130 lt | 2x160 lt |
| Output Capacity | 15 - 40 kg 5.250 - 12.000 kg per hour | 8.250 - 20.000 kg per 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. +5 % -10 % | 400 v - AC / 50-60 Hz. +5 % -10 % |
| Electricity Consumption | 3.55 kw per hour | 5.9 kw per hour |
| Protection | Ip - 54 | Ip - 54 |
| Aeration | 10 m3 / min 0.10 Bar negative pressur | 20 m3 / min 0.01 Bar negative pressur |
| Weighing per hour 15-40 kg | 350 - 300 bags per hour | 550 - 500 bags per hour |



**Double weighing 4 station flour body-packaging weighing machine/ 10-25-50kg.**

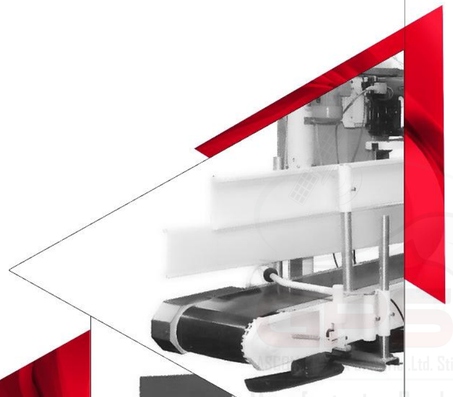


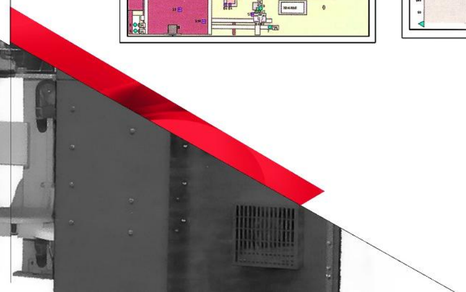


**Technical Specifications**

| | |
|---|---|
| Bulk material | : Flour |
| Density | : 0,55 kg/m³ |
| Maximum weight | : 2x55 kg |
| Weighing range | : 10 – 25-50 kg |
| Sensitivity | : 0,3 % |
| Upper bunker capacity | : 2531 lt. |
| Balance pan capacity | : 2x110 lt. |
| Output capacity (10-25-50 kg) | : 7.500 - 17.500 - 32.500 kg per hour |
| Pressurized Air | : 8 NL / 5-6 Bar |
| Electricity | : 400 V-AC / 50-60 Hz. + 5 % - 10 % |
| Electricity consumption | : 14,55 kW per hour |
| Protection | : IP – 54 |
| Aeration | : 30 m³ / min. 0,01 Bar negative pressure (optional) |

Weighing per hour (10-25-50 kg): 750 – 700 - 650units per hour





**TECHNICAL SPECIFICATIONS OF CAROUSEL TYPE FLOUR BAGGING MACHINE (DOUBLE WEIGHING, 4 STATIONS, 10-25-50 KG)**

**ELECTRONIC EQUIPMENT**

**CAPACITY**: With respect to the product to be packaged and to the tolerance, capacity varies within the following range : 7.5 tonnes per hour (for 10 kg doses), 17.5 tonnes per hour (for 25 kg doses) and 32.5 tonnes per hour (for 50 kg doses). (+ -150 gram average error margin per bag, it is guaranteed to work with 32.5 tonnes per hour capacity for flour or similar quality products. )

**SET VALUE**: Required value can be set by the user within the range of 10–25-50 kg.

**WEIGHT DISPLAY**: value is displayed as a 4 digit number with up to 2 decimal places.

**FAST – SLOW SPEED SETTINGS** : System has two programmable set values. Filled-weight values can be entered separately.

Slow speed transition program is determined and controlled by the system automatically in a way that it will provide the fastest and most sensitive weighing operation. Optimum speed adjustment is done considering the weighed flour type and silo level automatically.

**TOLERANCE**: Upper and lower tolerance limit values can be programmed separately. If the weighing result exceeds the tolerance limits, the process of discharge into the package is immediately terminated without operator intervention.

**BAGS SIZE** : Recommended size of 50 kg bags is 60cm x 100 cm.

**CUMULATIVE NUMBER OF FILLED BAGS**: The total amount of bags filled since the last value reset can be displayed upon demand.

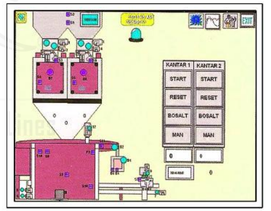
**CUMULATIVE WEIGHT OF THE PACKED PRODUCT**: The total weight of the bags filled since the last value reset can be displayed upon demand.

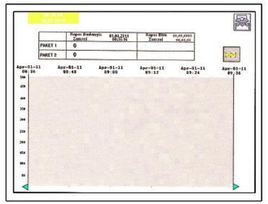
**UPPER HOPPER LEVEL CONTROL**: The load level is automatically controlled via the level sensors placed in the hopper.

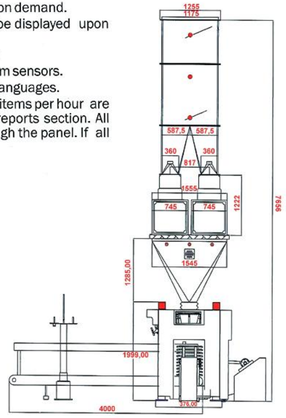
**ALARMS**: Opening and closing errors are displayed to the operator via a PLC system as a result of receiving data from sensors.

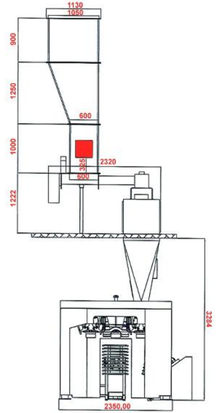
**ERROR REPORT**: All errors occuring in the system are displayed on the terminal screen either in English or Turkish languages.

**PANEL**: The system is controlled by means of the touchpanel PC. Flour rate values in kg per hour and in number of items per hour are displayed on the panel screen. Capacity rate during required time interval can be displayed at the system reports section. All information relating to the system operation and errors occuring in the system are notified to the operator through the panel. If all necessary conditions are met, the capacity rate reaches 650 items per hour.






| Model Type | Capacity (bag/h) | | Required air (m3/min) | Weighing range (kg) | | Motor (kw) | Sensitivity Rating (%) |
|---|---|---|---|---|---|---|---|
| | FLOUR | BRAN | | FLOUR | BRAN | | |
| GTKTK K2 | 750-700-600 | - | 6 | 10-25-50 | - | 15 | 0.3 |
| GTKTK K3 | 1000-900-850 | - | 6 | 10-25-50 | - | 21 | 0.3 |

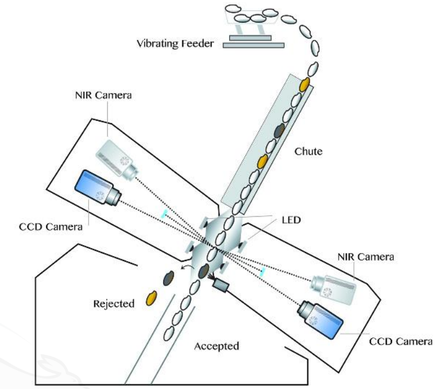


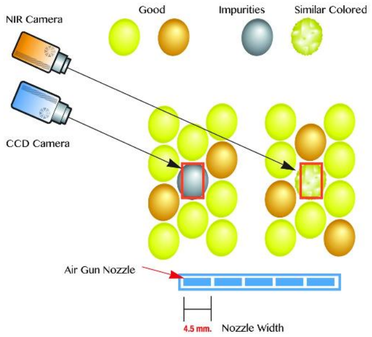



LONGLIFE L.E.D TECHNOLOGY

Microsoft Windows xp

GPS-ASCOM




NIKON

Sliding Plates

LED
LED Unlimited Guarantee

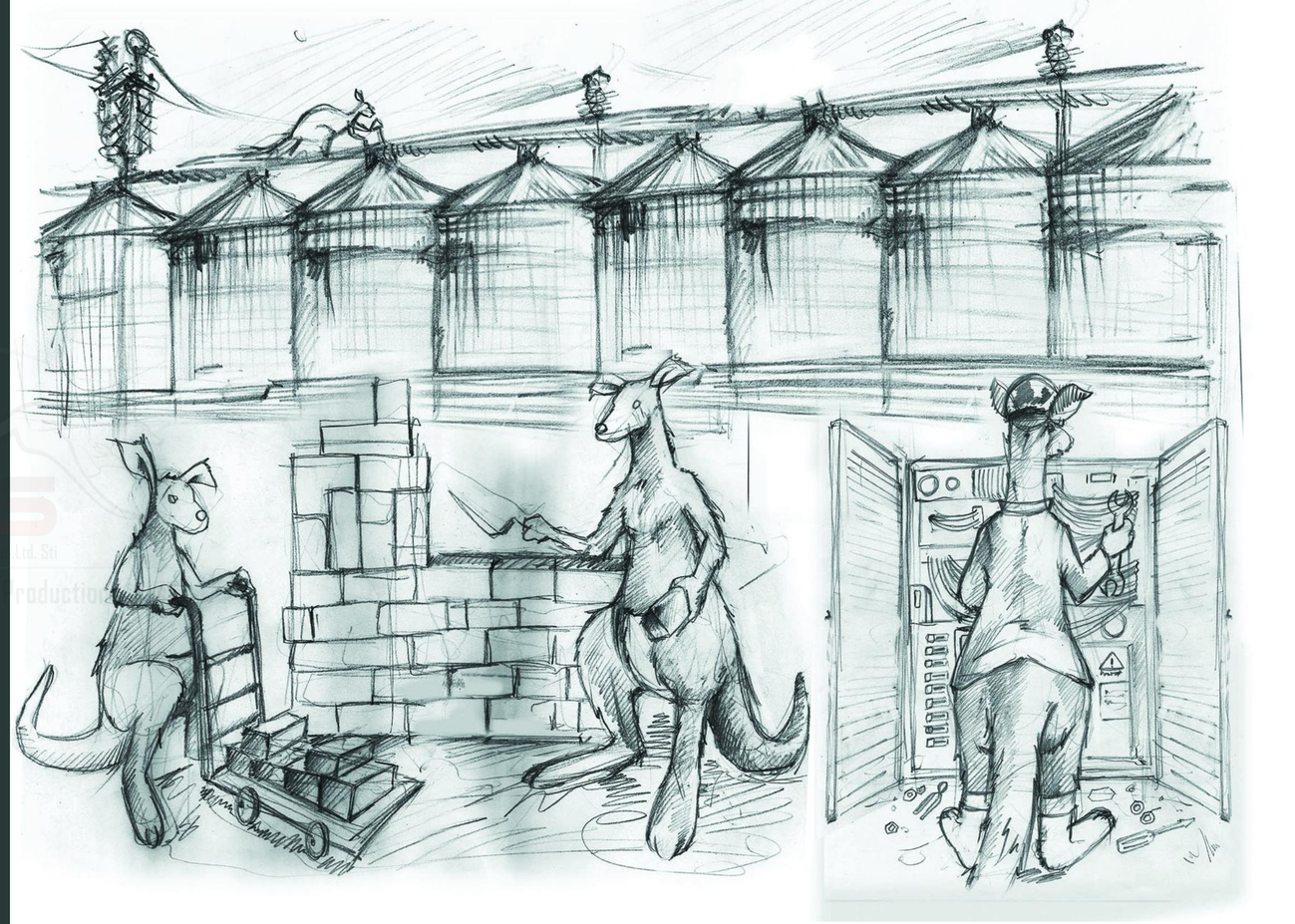
| Product Code | R3/ R3L | R5/ R5L | R7/ R7L |
|---|---|---|---|
| Throughput (t/h) | 2-8 | 3-15 | 4-21 |
| Voltage (V) | 180 - 240 (50Hz) | 180 - 240 (50Hz) | 180 - 240 (50Hz) |
| Power of Main Machine (KW) | 1.8 | 2.9 | 3.5 |
| Air Pressure (MPa) | 0.6 - 0.8 | 0.6 - 0.8 | 0.6 - 0.8 |
| Air Consumption (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 |

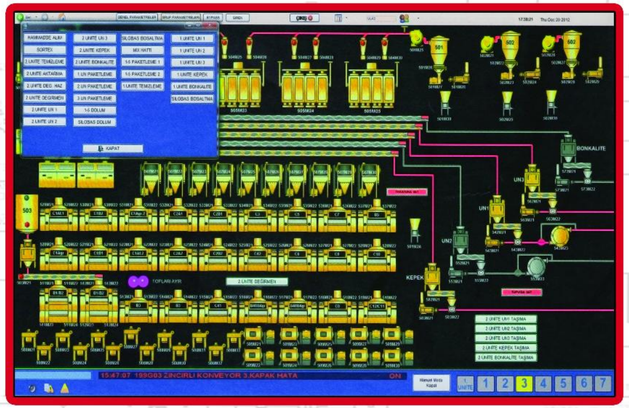
# 6-Outside Construction and Electricity Section

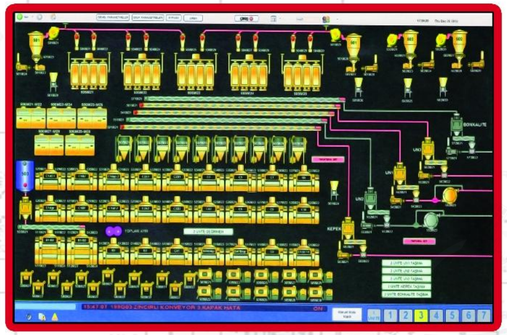


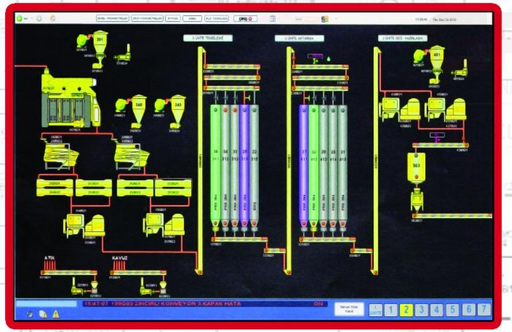


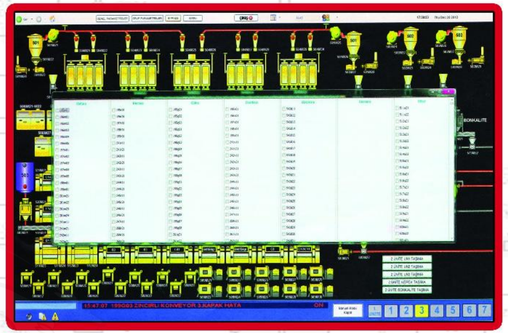


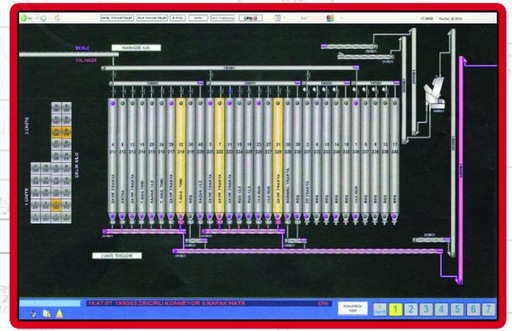


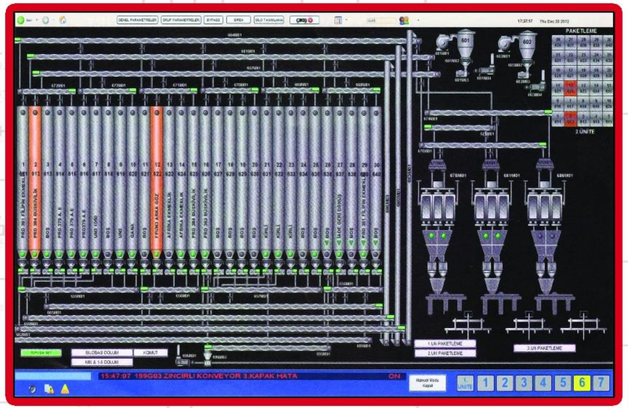






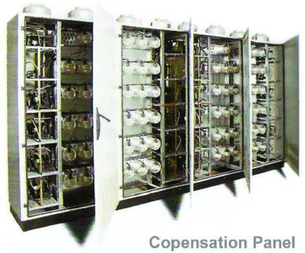






MCC Command Control Panel

PLC Panel



Copensation Panel

Distrlbution Panel

MCC Command Control Glass Panel

PLC Panel

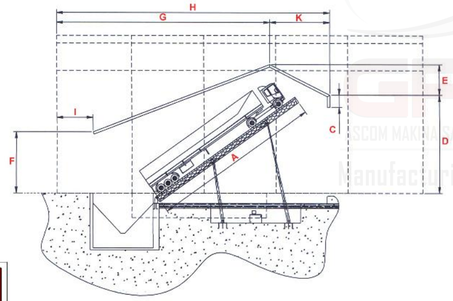
TRIPLEWEIGHING, 6-STATION CAROUSEL
BAGGING SYSTEM PANEL

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 | - | - | - | - |

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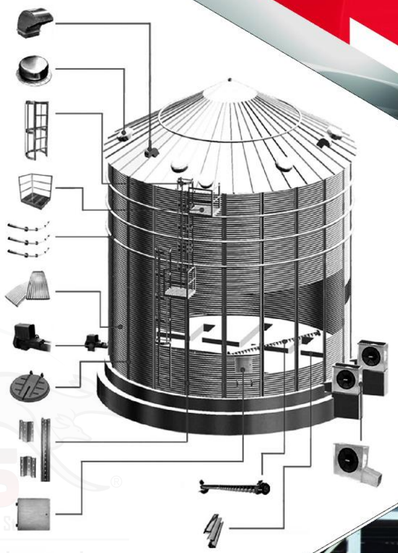
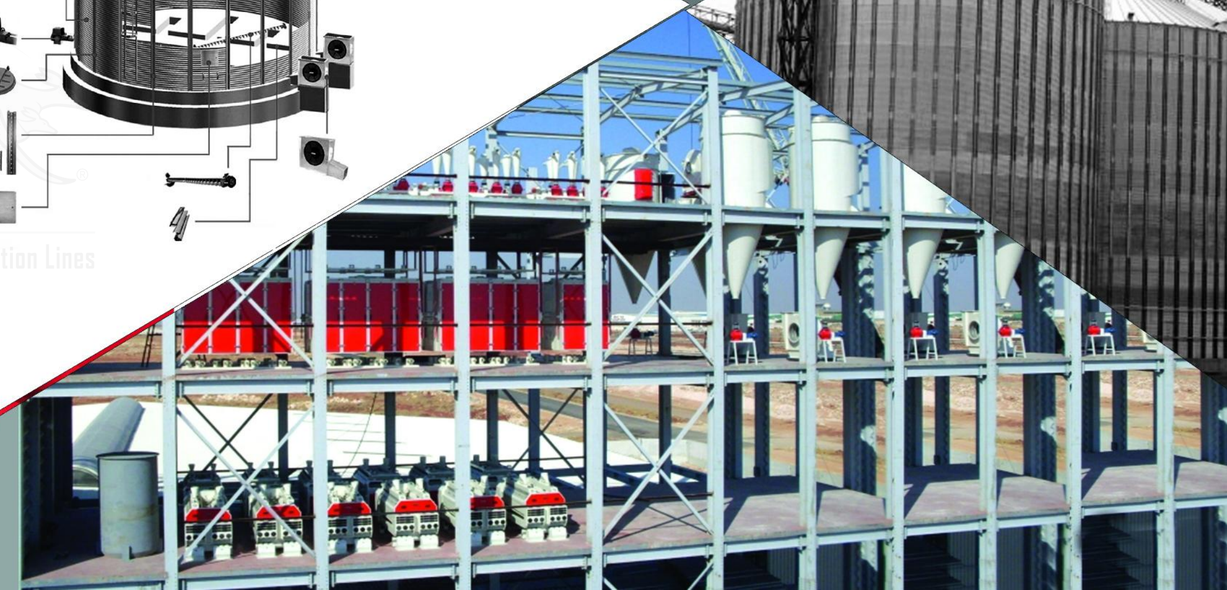
## Silo and construction





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