

[www.kensan.com.tr](http://www.kensan.com.tr)

 **KENSAN**

**crushing** screening  
**washing**  
machines



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about us

Our company has been manufacturing stone crushing, screening and washing machines for mines since its inception.

Our company, which adopted the honest work and making high-quality reliable machines as principles, is advancing rapidly by being loyal to total quality understanding, doing continuous

research and development in its sector and complying with quality standards to become an important and outstanding name in its sector. Our company makes all its activities professionally, works with all energy during and after the service in order not to disappoint you.



## our vision

To be at the top of the mining machinery market with its qualified and expert personnel, without sacrificing quality, by using all the opportunities provided by technology, and by never giving up on safety.

In this direction, our aim is to say that when KENSAN MAKİNA is mentioned in our country and in the world, no negativity is considered, customer relations are kept at the highest level, R & D studies are constantly carried out, open to development, closely following technology, providing all kinds of material and moral support to its employees, and their value. At the same time, it is to bring to mind a company where engineering services are kept at a high level, and to ensure that our company reaches the point it deserves in our country and in the world.

## our mission

- ▶ Keeping technology always at the forefront,
- ▶ Ensuring that customer relations are at the highest level,
- ▶ To value its employees,
- ▶ To keep after-sales services and customer satisfaction at the highest level,
- ▶ To adopt the principle of honesty,
- ▶ To be an institution that is mentioned very well in the sector.

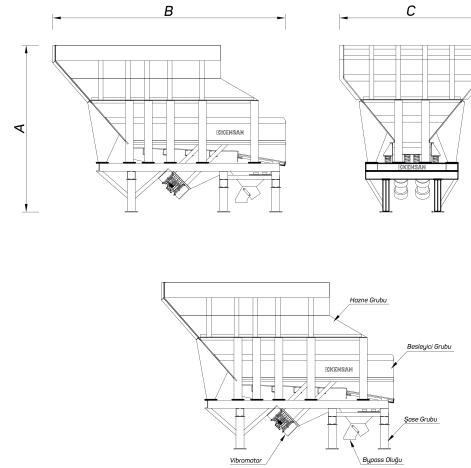
**KENSAN**  
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# ROCK FEEDERS

These are the feeders driven by two each robust-type vibroEngines working synchronized with each other supported by the heavy - duty type helical springs ensuring regular transmission of the raw material coming from the quarry to the primary crushers. Thanks to the manganese grids found at its front section, the clearance sizes of which can be adjusted, the earthy substances in the raw material are thrown out of the system before it enters the primary machine. In parallel to the request, the materials that come out hereof can be re-sieved with a suitable sieve and any material escaped during such discharge can be re-included into the system. Feeding capacity in the vibratory feeders we manufacture with the vibroEngine - oscillating feeders we have manufactured can be adjusted.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                                | KG11     | KG10      | KG09      | KG13      |
|--------------------------------|----------|-----------|-----------|-----------|
| Feeder Width (mm)              | 600      | 950       | 1200      | 1350      |
| Feeder Length (mm)             | 3000     | 4000      | 5000      | 5000      |
| Capacity (t/h)                 | 45 - 100 | 100 - 200 | 120 - 300 | 300 - 600 |
| Bunker Volume(m <sup>3</sup> ) | 12       | 25        | 35        | 45        |
| Propulsion (Kw)                | 2x2      | 2x4       | 2x7,5     | 2x9,8     |
| Weight(kg)                     | 9500     | 13000     | 17000     | 18000     |
| Dimension A (mm)               | 4000     | 4500      | 4600      | 4600      |
| Dimension B (mm)               | 4800     | 5800      | 6800      | 6800      |
| Dimension C (mm)               | 3000     | 3600      | 3820      | 3970      |





# ROCK FEEDERS

# FEED BUNKER

KENSAN series vibro-feeders have been designed as to be suitable for the versatile applications in order to be able to meet the needs of customers. These vibratory feeders in the secondary group are suitable for feeding the materials in the range of 0-200 mm. All surfaces of these feeders run by the powerful vibroEngines are coated with Hardox primer against abrasion.



## TECHNICAL SPECIFICATIONS

|                                | BB07    | BB09    | BB11    | BB13    |
|--------------------------------|---------|---------|---------|---------|
| Feeder Width (mm)              | 700     | 900     | 1100    | 1300    |
| Feeder Length (mm)             | 1600    | 1600    | 1800    | 1800    |
| Capacity (t/h)                 | 100-150 | 150-200 | 200-250 | 250-300 |
| Bunker Volume(m <sup>3</sup> ) | 12      | 25      | 35      | 45      |
| Propulsion (kW)                | 2 X 1.1 | 2 X 1.6 | 2 X 2.2 | 2 X 3.8 |
| Max Feeding Size (mm)          | 150     | 150     | 250     | 250     |



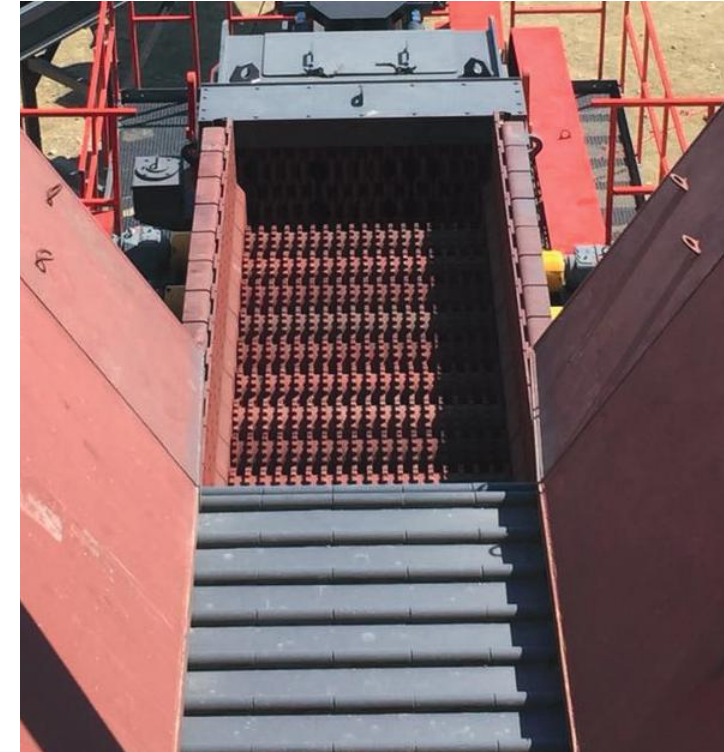
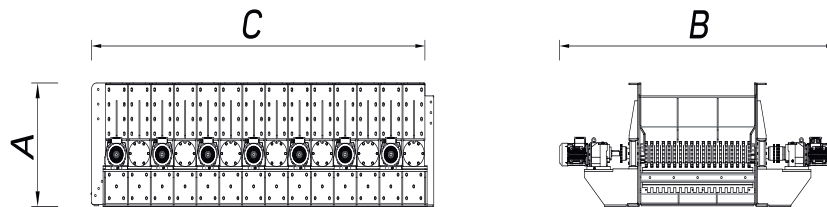
**KENSAN**

# FEED BUNKER

# WOBBLER FEEDERS

Vibrating feeders are with each other synchronized two pieces of feeders which built solidly, supported with heavy duty suspension springs, driven/actuated by vibroEngine, these feeders enable the transmission of the tuvenane materials, brought from the quarry, into the primer crushers in an orderly manner. They throw the mixed soil part of the tuvenian material outside of the system through the intermediate size adjustable grids on the front part of the feeders which coated with mangan. By demand, the loss of materials can be included in the system again after screening them with a suitable screen it is possible.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                   | WB-1025 - 1000 X 2500 X 10 | WB-1230 - 1200 X 3000 X 14 | WB-1435 - 1450 X 3500 X 18 | WB-1640 - 1600 X 4000 X 22 |
|-------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Engine (kw - d/d) | 3 X 10 / 1500              | 3 X 14 / 1500              | 3 X 18 / 1500              | 3 X 22 / 1500              |
| Drive System      | Shaft                      | Shaft                      | Shaft                      | Shaft                      |
| Weight (kg)       | 3000                       | 4500                       | 6000                       | 8500                       |
| Dimension A (mm)  | 1050                       | 1050                       | 1450                       | 1450                       |
| Dimension B (mm)  | 2700                       | 2900                       | 3150                       | 3300                       |
| Dimension C (mm)  | 2500                       | 3000                       | 3500                       | 4000                       |





# WOBBLER FEEDERS

# JAW CRUSHER

These breakers, which are used as primary and secondary, are ideal crushers to break the materials with high mohs hardness (materials of river and basalt). They break the materials by compressing them with two fixed and movable jaws. If the materials in to the machine are hard to be broken, then the jaw crushers do not harm themselves through the safety plates which will be broken in a certain load.

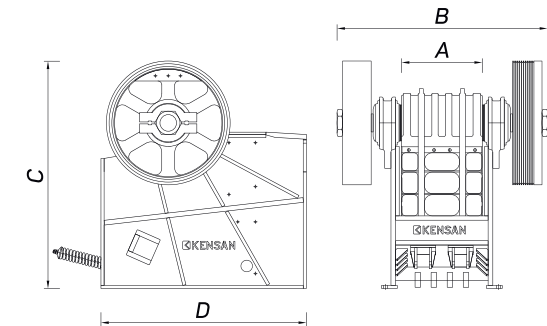
The main body is manufactured from tension and high-pressure resistant sheets/materials. Material crusher jaws and side liners are produced from the 16% - 18% manganese, 1.5% molybdenum alloy steel castings.



## TECHNICAL SPECIFICATIONS

|                  | Primary Jaw Crusher |            |             | Secondary Jaw Crusher |            |
|------------------|---------------------|------------|-------------|-----------------------|------------|
|                  | K03                 | K07        | K11         | K04                   | K12        |
| Inlet Port(mm)   | 900 X 650           | 1100 X 850 | 1300 X 1000 | 900 X 200             | 1100 X 350 |
| OutletPort (mm)  | 50 - 150            | 100 - 300  | 125 - 300   | 20 - 80               | 25 - 75    |
| Capacity (t/h)   | 50 - 200            | 100 - 300  | 260 - 385   | 10 -- 60              | 40 - 125   |
| Propulsion (kW)  | 75                  | 132        | 160         | 30                    | 55         |
| Weight (kg)      | 11400               | 33000      | 42800       | 5600                  | 9300       |
| Dimension A (mm) | 860                 | 1000       | 1200        | 860                   | 1000       |
| Dimension B (mm) | 2050                | 2800       | 2950        | 1850                  | 2600       |
| Dimension C (mm) | 2200                | 2900       | 3500        | 1500                  | 2100       |
| Dimension D (mm) | 2000                | 2650       | 3100        | 1400                  | 1900       |

## TECHNICAL DRAWING





# JAW CRUSHER

# PRIMARY IMPACT CRUSHER

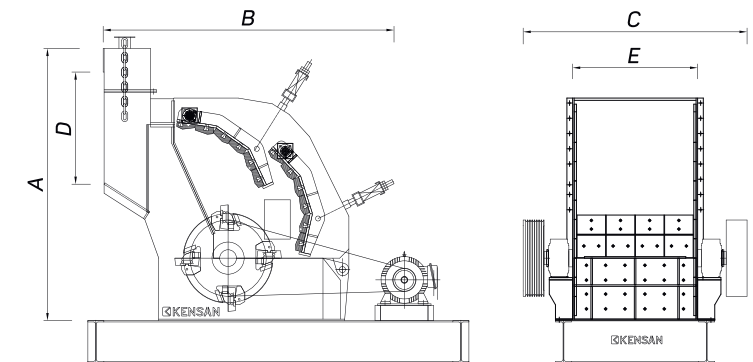
The primary impact crushers make the less abrasive materials of medium hardness smaller with a high ratio. The materials from the quarry are processed with the primary impact crushers firstly. They have the ability to crush the materials up to 1 meter x 1 meter size to a size of 25 mm. There are 2 pieces of manganese coated adjustable crushing chamber. All surfaces that come into contact with broken stone covered with manganese undercoats. Crushing process is done with the 4 palettes of high-alloy manganese in a rotor weighing 8500 kg and rotating with 450 revolutions per minute.



## TECHNICAL SPECIFICATIONS

|                     | PDK01     | PDK02     | PDK03      |
|---------------------|-----------|-----------|------------|
| Rotor Diameter (mm) | 1400      | 1400      | 1600       |
| Rotor Width (mm)    | 1500      | 1250      | 2000       |
| Capacity (t/h)      | 250 - 500 | 200 - 300 | 400 - 1000 |
| Propulsion (kW)     | 250       | 200       | 2 X 250    |
| Weight (kg)         | 28500     | 22000     | 53000      |
| Dimension A (mm)    | 3700      | 3700      | 5200       |
| Dimension B (mm)    | 3850      | 3850      | 5000       |
| Dimension C (mm)    | 2900      | 2650      | 3400       |
| Dimension D (mm)    | 1500      | 1500      | 2000       |
| Dimension E (mm)    | 1700      | 1450      | 2200       |

## TECHNICAL DRAWING



CRUSHER



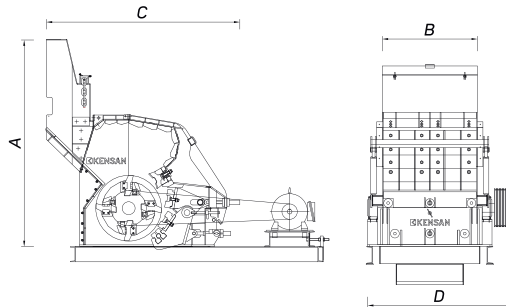
PRIMARY  
IMPACT CRUSHER

# SECONDARY IMPACT CRUSHER

The DMK series of jaw crushers counted as the impact crushers with adjustable jaws are the crushers which can break the materials with middle and high hardness (such as limestone, dolomite, granite and basalt). To be fed with coarse material, cubic product acquisition, having a high reduction ratio, ability to work at high capacity, low investment and operating costs, has made this type of breakers an ideal secondary crusher in crushing and screening facilities.

The stone put into the crusher, crash to the crushing elements of the first region through the throw of rotor hammers, and a first crushing step takes place. In this region consist a high pressure and crushing power which can even break very hard materials. The desired sizes of the broken material pass through the second region. The material in second area passes through another crushing stage and reduced to smaller dimensions. Then, the material passes through the third and final area and crushing process takes place the last time. Now the material is reduced to the smallest sizes (which the machine is able to crush).

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                     | DMK01     | DMK02     | DMK03     | DMK04   |
|---------------------|-----------|-----------|-----------|---------|
| Rotor Diameter (mm) | 1120      | 1120      | 1120      | 1120    |
| Rotor Width (mm)    | 1000      | 1250      | 1500      | 750     |
| Capacity (t/h)      | 120 - 180 | 150 - 250 | 175 - 350 | 100-150 |
| Drive (kW)          | 160       | 200       | 250       | 110     |
| Weight (kg)         | 16500     | 18500     | 21000     | 14000   |
| Dimension A (mm)    | 3150      | 3150      | 3150      | 3150    |
| Dimension B (mm)    | 1150      | 1400      | 1650      | 900     |
| Dimension C (mm)    | 3450      | 3450      | 3450      | 3450    |
| Dimension D (mm)    | 2140      | 2390      | 2640      | 1940    |





ACT CRUSHER

# SECONDARY IMPACT CRUSHER

# PRIMARY SECONDARY CRUSHER

The PSK series of jaw crushers counted as the impact crushers with adjustable jaws are the crushers which can break the materials with middle and high hardness (such as limestone, dolomite, granite and basalt). To be fed with coarse material, cubic product acquisition, having a high reduction ratio, ability to work at high capacity, low investment and operating costs, has made this type of breakers an ideal secondary crusher in crushing and screening facilities.

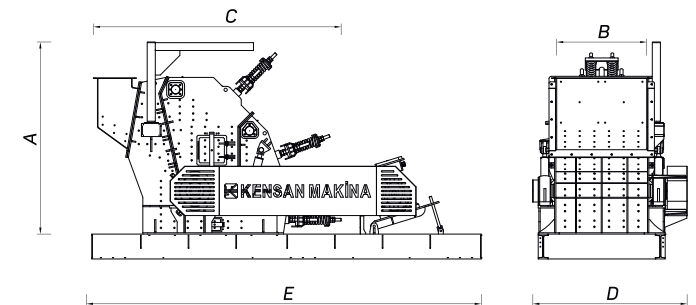
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## TECHNICAL SPECIFICATIONS

|                     | PSK-1110  | PSK-1113  | PSK-1115  | PSK-1165 |
|---------------------|-----------|-----------|-----------|----------|
| Rotor Diameter (mm) | 1150      | 1150      | 1150      | 1150     |
| Rotor Width(mm)     | 1000      | 1300      | 1500      | 650      |
| Capacity (t/h)      | 100 - 200 | 200 - 300 | 300 - 400 | 80 - 130 |
| Dimension A (mm)    | 2950      | 2950      | 2950      | 2950     |
| Dimension B (mm)    | 1040      | 1340      | 1540      | 690      |
| Dimension C (mm)    | 3800      | 3800      | 3800      | 3800     |
| Dimension D (mm)    | 2060      | 2360      | 2560      | 1710     |
| Dimension E (mm)    | 6030      | 6030      | 6030      | 6030     |

## TECHNICAL DRAWING





PRIMARY CRUSHER



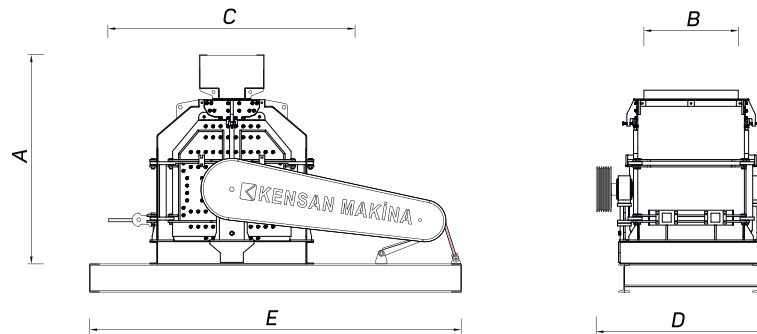
PRIMARY  
SECONDARY  
CRUSHER

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# TERTIARY IMPACT CRUSHER

Tertiary impact crushers are high-speed machines that are used to obtain sand. The material entered into the machine, exits the machine after that it is hit against the walls and crushed by a high-speed (800 r / min) rotor. The material generally left over the screen is broken in these crushers, which usually are used to obtain 0-5 mm sand.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                     | TK-1105   | TK-1110   | TK-1113   | TK-1115   |
|---------------------|-----------|-----------|-----------|-----------|
| Rotor Diameter (mm) | 1100      | 1100      | 1100      | 1100      |
| Rotor Width (mm)    | 500       | 1000      | 1300      | 1500      |
| Capacity (t/h)      | 100 - 130 | 180 - 210 | 220 - 250 | 270 - 300 |
| Propulsion (Kw)     | 160       | 200       | 250       | 315       |
| Dimension A (mm)    | 2820      | 2820      | 2820      | 2820      |
| Dimension B (mm)    | 520       | 1020      | 1320      | 1520      |
| Dimension C (mm)    | 3300      | 3300      | 3300      | 3300      |
| Dimension D (mm)    | 1550      | 2050      | 2350      | 2550      |
| Dimension E (mm)    | 5000      | 5000      | 5000      | 5000      |



T CRUSHER

# TERTIARY IMPACT CRUSHER

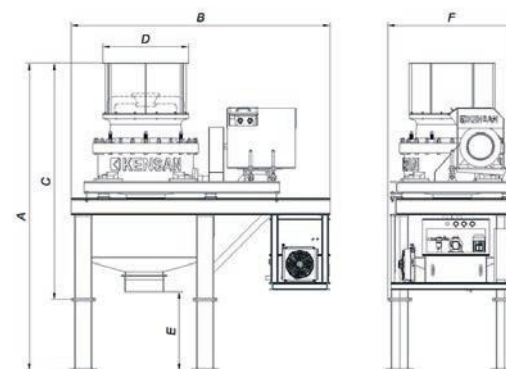
# CONE CRUSHER

Today, while the factors such as wear and tear in a short time, time elapsing for replacing the parts worn, daily greasing cost and time, daily pauses, number of days allocated for monthly repairs in the ongoing mining activities significantly decrease the production quantities, they increase the costs directly. They are the ideal crushers for breaking materials with high abrasive properties. (Basalt, Granite, Stream Material, Iron, Chromium, Copper, Zinc, Bauxite). Thanks to its advanced crushing chamber design, it works with maximum efficiency. The product size which can be adjusted with the hydraulic system also allows adjustment while the machine is running.

The automation system made of high-quality materials is manufactured in a way being resistant to dust and rain under heavy conditions.

We offer our cone crushers as a whole together with a complete body, chassis, engine, automation system and switchgear components.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                             | KC1000       | KC1400           |
|-----------------------------|--------------|------------------|
| Nominal Diameter (mm)       | 1000/39"     | 1420/56"         |
| Feeding Size                | 200          | 300              |
| Engine                      | 132( kw )    | 250( kw )        |
| Weight (kg/lbs)             | 12800/ 28219 | 18500 kg / 40785 |
| Maintenance Weight (kg/lbs) | 5200/11464   | 7350 kg/16203    |
| Dimension A (mm)            | 4500/177.16" | 5040/198.42"     |
| Dimension B (mm)            | 3800/149.6"  | 4500/177.16"     |
| Dimension C (mm)            | 3460/136.22" | 4000/157.48"     |
| Dimension D (mm)            | 1300/51.18"  | 1500/59.05"      |
| Dimension E (mm)            | 1250/49.20"  | 1250/49.20"      |
| Dimension F (mm)            | 1890/74.4"   | 2240/88.18"      |





# CONE CRUSHER

# VERTICAL SHAFT CRUSHER

VSI crushers are the tertiary type of crushers used to crush the hard and abrasive materials between 0-45 mm, bring them into cubic shape and obtain sand. VSI crushers are produced in two types as closed rotor and open rotor. The vertical shaft types of crushers with closed rotor are fed with stones maximum size of 0-45 mm. because some large material in return of the crashed material can leave on the screen; these types of crushers are not suitable for crushing the returned material.

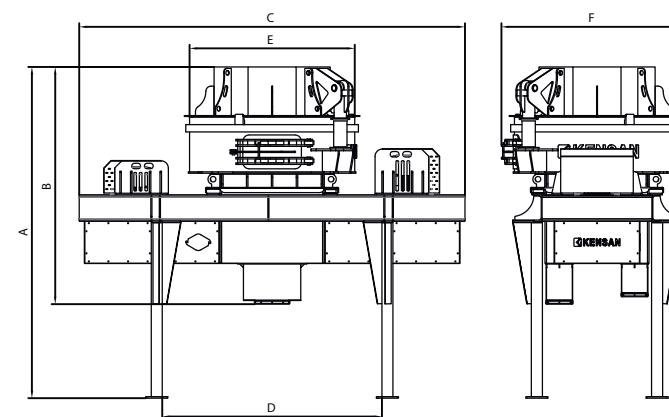
VSI crushers shoot and crush the material, which entered into the rotor, by throwing them to the lining of stones "stone box" which formed in the stator naturally and to the materials which entered in the system from the outside of the rotor with a speed of 67 - 80 m / s approximately (crushing stones by hitting stones). VSI crushers are used to crush the materials having hardness lower than the grade 9 with a moisture content of less than 9%. Non-flammable and non-explosive mining materials have to be used.



## TECHNICAL SPECIFICATIONS

|                     | VSI1000 | VSI900  | VSI800 | VSI700 |
|---------------------|---------|---------|--------|--------|
| Rotor Diameter (mm) | 1000    | 900     | 900    | 700    |
| Engine (kW)         | 2 x 250 | 2 X 200 | 200    | 132    |
| Feed Material (mm)  | 0 - 100 | 0 - 40  | 0-38   | 0-30   |
| Capacity ( t/h )    | 400     | 250     | 180    | 80     |
| Weight (kg)         | 17000   | 1400    | 12000  | 8000   |
| Dimension A (mm)    | 5000    | 4490    | 4490   | 3750   |
| Dimension B (mm)    | 3600    | 3220    | 3220   | 2540   |
| Dimension C (mm)    | 6650    | 5230    | 5230   | 3100   |
| Dimension D (mm)    | 2700    | 2980    | 2980   | 2400   |
| Dimension E (mm)    | 2150    | 2240    | 2240   | 1800   |
| Dimension F (mm)    | 2300    | 2490    | 2490   | 1875   |

## TECHNICAL DRAWING





CRUSHER

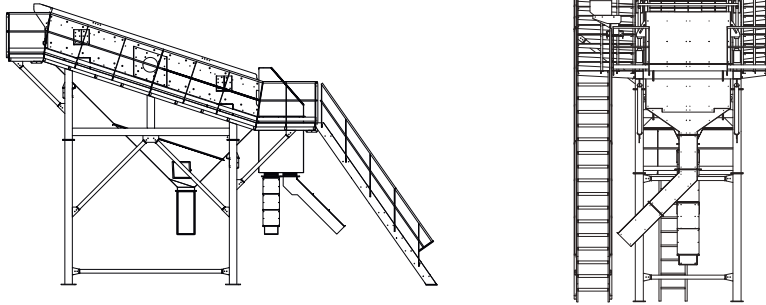
# VERTICAL SHAFT CRUSHER

# VIBRATING SCREEN SCREEN

Free vibrating screens are produced with 1,2,3,4 layers in every theoretically possible dimension. They are used to separate the broken material inside the plant. The capacity of the screen can vary depending on the size of the desired product. Free vibrating screens operate an average of 7 mm in width. Gradation and moisture of the material, which will be eliminated plays an important role in the capacity of the screen.

Vibration-resistant ball bearings and eccentric shaft which is placed on the screen body are driven with eccentric weights at the both end of the shaft. There are ellipsoid vibration in the front and rear parts of the screen and a circular vibration in the middle parts of the screen. Vibrating body sits on the main frame through a sufficient number of heavy-duty helical springs.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                 | TE 1030 | TE1230 | TE 1240 | TE 1650 | TE 2050 | TE 2060 | TE2070 | TE 2460 |
|-----------------|---------|--------|---------|---------|---------|---------|--------|---------|
| Width (A) (mm)  | 1000    | 1200   | 1200    | 1600    | 2000    | 2000    | 2000   | 2400    |
| Lenght (B) (mm) | 3000    | 3000   | 4000    | 5000    | 5000    | 6000    | 7000   | 6000    |
| Height C (mm)   | 2570    | 3850   | 4020    | 5600    | 5600    | 7000    | 7300   | 7000    |
| Propulsion (kW) | 5,5     | 7,5    | 7,5     | 11      | 18,5    | 22      | 30     | 30      |
| Weight (kg)     | 3300    | 4250   | 5700    | 8250    | 12600   | 14800   | 15900  | 16100   |





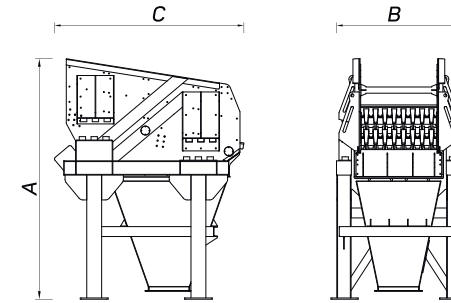
# VIBRATING SCREEN

# GRID-TYPE SCREEN

Materials broken down from the primary group may need to be sieved at different stages. In such cases, standard vibrating screens may not meet the required capacity and maintenance costs may be high. In KENSAN heavy-duty sieves, the upper layer is equipped with cast grate or Hardox-perforated metal sheet to prevent the large sized material – arisen damages and abrasions. The grid type vibrating sieves are manufactured theoretically in 1 or 2 – storey one in every possible size dimension.

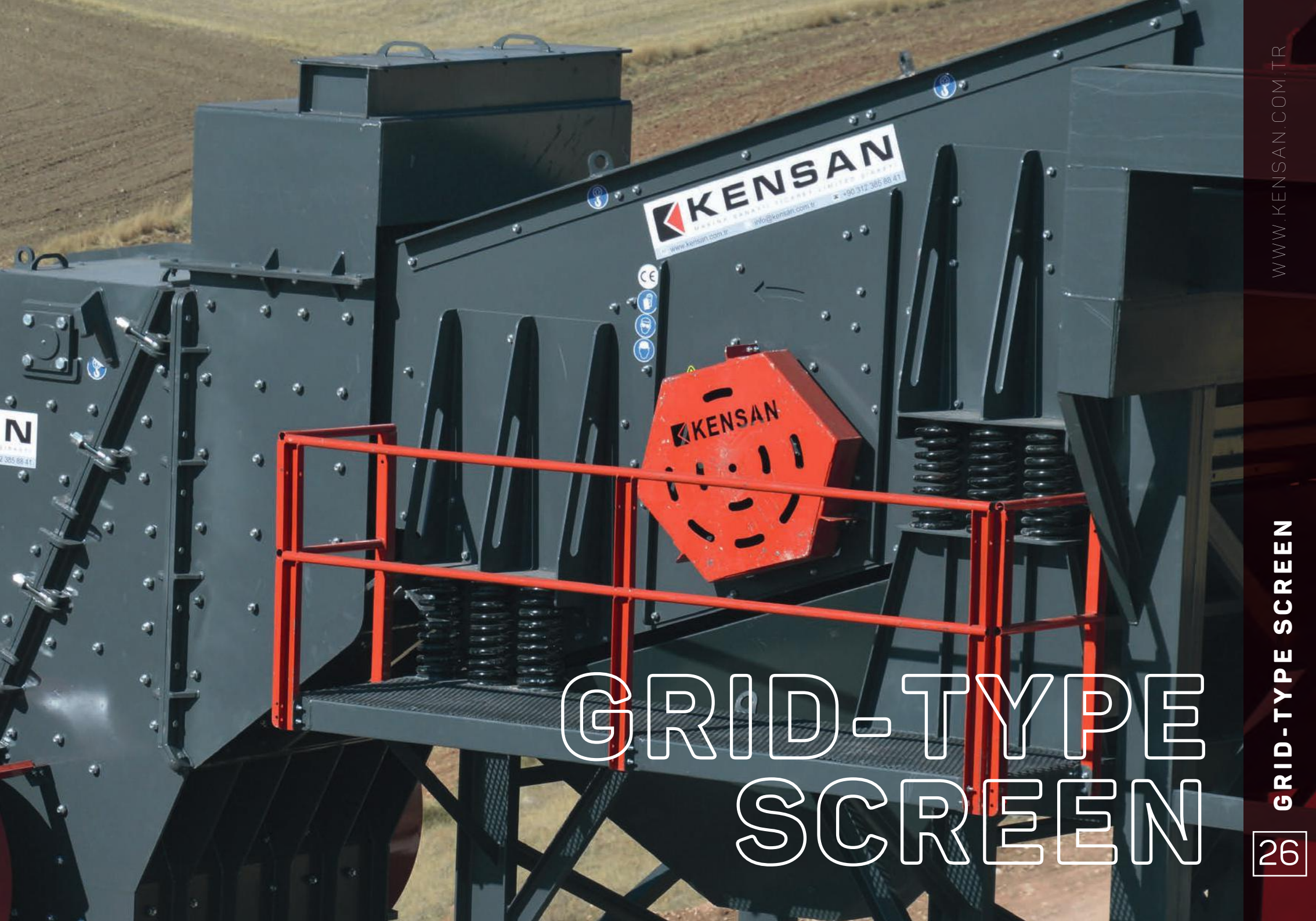
The vibration-resistant special bearings and the shaft housed in the sieve body are driven by the oscillation-adjustable weights installed at both ends of the shaft. There is an ellipsoidal vibration in the back and front sections and circular vibration in the center of the sieve. The vibration body sits on the main chassis with a sufficient number of heavy-duty type helical springs. Generally, the product in the material crushed in the primary group is used to go directly to the product sieve without entering the secondary crusher. In this way, it prevents extra material to enter the secondary crusher and causes an augmentation in the capacity.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|               | ITE 1000x3000 | ITE 1200x3000 | ITE 1400x3000 | ITE 1600x4000 |
|---------------|---------------|---------------|---------------|---------------|
| Engine KW-D/D | 11kw / 1000   | 15kw/1000     | 22kw / 1000   | 30kw / 1000   |
| Drive System  | Shaft         | Shaft         | Shaft         | Shaft         |
| Weight(KG)    | 3000          | 4000          | 5000          | 7500          |
| Dimension A   | 3900          | 3900          | 3090          | 3090          |
| Dimension B   | 1700          | 3900          | 2100          | 2300          |
| Dimension C   | 3050          | 3050          | 3050          | 4050          |



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# GRID-TYPE SCREEN

# HORIZONTAL SCREEN

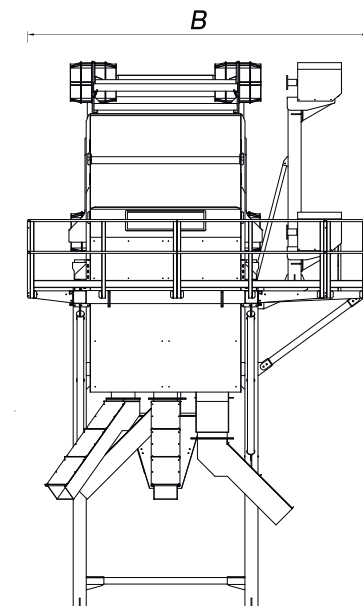
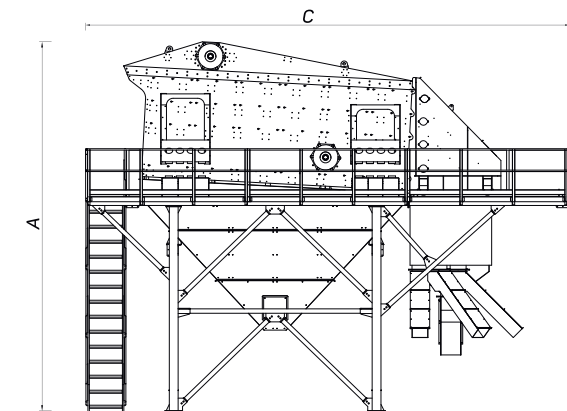
Horizontal screens are appropriate for trouble-free operation under heavy conditions. It allows achieving the highest efficiency and quality product thanks to elliptic impact action performed through double drive system and 8 bearings. Horizontal screens combine quality and performance. They ensure long service lives even under the harshest working conditions.



## TECHNICAL SPECIFICATIONS

|              | TYE 1650 | TYE 2050  | TYE 2060 | TYE 20602 |
|--------------|----------|-----------|----------|-----------|
| Width        | 1600     | 2000      | 2000     | 2200      |
| Length       | 5000     | 5000      | 6000     | 6000      |
| Height       | 7500     | 7500      | 8500     | 8500      |
| Drive System | 2x15 kw  | 2x18,5 kw | 2x22 kw  | 2x30 kw   |
| Weight       | 17 ton   | 19 ton    | 21 ton   | 25 ton    |

## TECHNICAL DRAWING



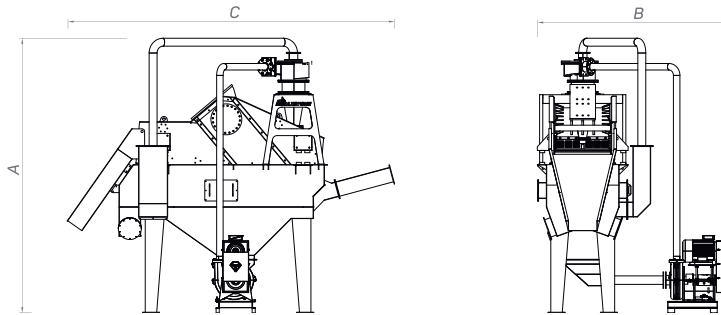


# HORIZONTAL SCREEN

# HYDRO-CYCLONE AND DEWATERING SCREEN

It is a washing system used in washing plant to achieve maximum output. It allows washing stream sand and mountain sand down to 250 microns, and separates their clay, silt and sludge and makes the sand compatible with desired standards. The dewatering screen allows the material to have the least possible moisture thanks to its 3-degree reverse angle. It operates with hydro-cyclone and sludge pump and produces sand with maximum fineness.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                      | SE-1030        | SE-1635        | SE-16352        | SE-2040         |
|----------------------|----------------|----------------|-----------------|-----------------|
| Engine (kW - d/d)    | 2 X 5,5 / 1000 | 2 X 7,5 / 1000 | 2 X 7,5 / 1000  | 2 X 8,5 / 1000  |
| Hydro-Cyclone (pump) | 350 X 6/4-30KW | 500 X 8/6-45KW | 660 X 10/8-55KW | 880 X 10/8-55KW |
| Weight (kg)          | 4500           | 7000           | 8000            | 8500            |
| Dimension A (mm)     | 4850           | 5000           | 5000            | 5000            |
| Dimension B (mm)     | 3350           | 4300           | 4300            | 4500            |
| Dimension C (mm)     | 5750           | 6400           | 6400            | 6800            |

# DEWATERING SCREEN



# HYDRO-CYCLONE AND DEWATERING SCREEN

# SCREW WASHER

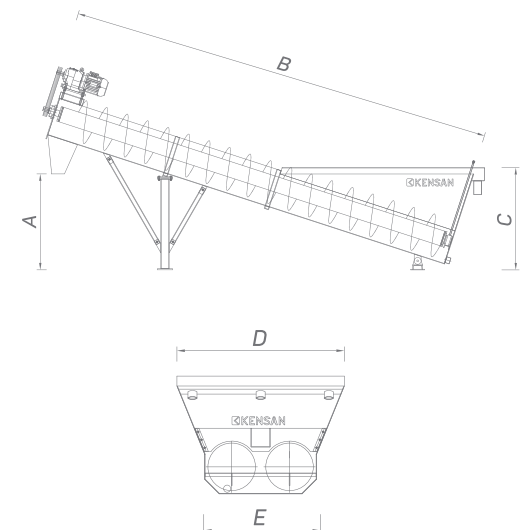
The materials are rubbed & dragged and the water flowed in the opposite direction inside of curved body which is made in the shape of a channel through the rotation of rubber covered shaft. The thin mud floating in the water is precipitated in the pool on the either side of this channel and the through the dirty water lost material are minimized. Screw washers are produced as single and double helical shafts are widely used machines to wash the materials between 0-10mm sizes.



## TECHNICAL SPECIFICATIONS

|                     | YH16    | YH18    | YH26    | YH28    |
|---------------------|---------|---------|---------|---------|
| Helix Diameter (mm) | 600     | 800     | 600     | 800     |
| Lenght (mm)         | 6000    | 8000    | 6000    | 8000    |
| Capacity (m3/h)     | 25 - 35 | 35 - 60 | 45 - 65 | 70 - 80 |
| Propulsion (kW)     | 5,5     | 22      | 2 X 5,5 | 2 X 22  |
| Weight (kg)         | 2500    | 4600    | 5250    | 7400    |
| Dimension A (mm)    | 1500    | 1800    | 1500    | 1800    |
| Dimension B (mm)    | 6300    | 8400    | 6300    | 8400    |
| Dimension C (mm)    | 1450    | 2000    | 1450    | 2000    |
| Dimension D (mm)    | 1500    | 1700    | 2200    | 2800    |

## TECHNICAL DRAWING







# SCREW WASHER

# LOG WASHER

KENSAN Log washers are generally used in the washing system to increase the sieving efficiency and to break the clay in the material. It works before the washing sieves, to the sand outlet of the wash ing sieve and in front of the dewatering. It is used to separate the soil, clay and other unwanted materials in the stone or sand. It can be used in both coarse and fine materials.

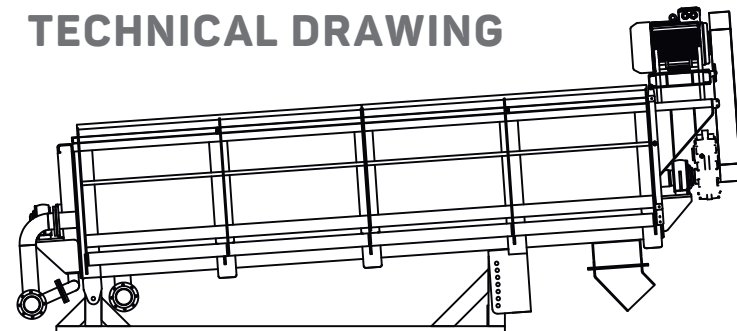
It is produced as a double row. Spiral leaves and washing arms are arranged on the pipe in the most appropriate way. It is made in a bolted system, it is very easy and simple to disassemble and replace.



## TECHNICAL SPECIFICATIONS

|                   | LW - 2050        | LW - 2060        |
|-------------------|------------------|------------------|
| Engine (kW - d/d) | 2 x 37 / 1500    | 2 X 45 / 1500    |
| Drive System      | Outboard Bearing | Outboard Bearing |
| Weight (kg)       | 9000             | 12000            |
| Dimension A (mm)  | 2800             | 2850             |
| Dimension B (mm)  | 2200             | 2200             |
| Dimension C (mm)  | 6200             | 7200             |

## TECHNICAL DRAWING



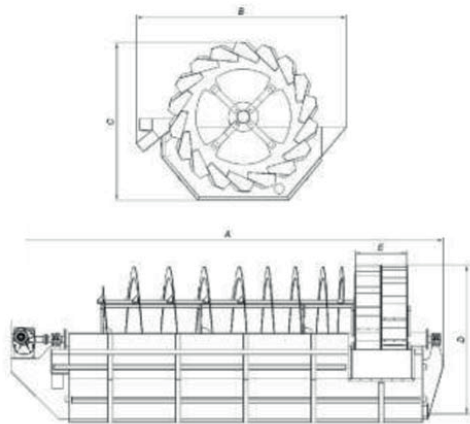


# LOG WASHER

# BUCKET - TYPE HELICAL WASHER

KENSAN Bucket Helical-Type Washers are the machines designed in order to clean and dewatering the minerals and sands being in sizes between 0.25 - 10 mm in higher capacity and higher quality. The fine material in the material washed in the bucket section is recycled to the system owing to the helices and the leakage ratio remains at a minimum level.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                   | KHY-150          |
|-------------------|------------------|
| Dimension (mm)    | 3000 x 6600      |
| Engine (Kw - d/d) | 15 Coupled       |
| Drive System      | Outboard Bearing |
| Weight (kg)       | 8000             |



# HELICAL WASHER

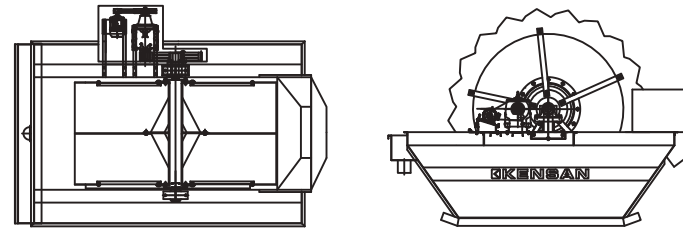
## BUCKET-TYPE HELICAL WASHER

# BUCKET-WHEEL WASHER

Wheel (bucket) washer is a washing machine used for washing mountain and stream sand. The material is washed by wheeling of the drum at the washing stage. Thus, it is enabled to separate the clay stuck to sand and discharge it along with water. Thus, it is a very useful and cost-effective machine. Due to the nature of discharging buckets of the machine, discharging is performed both fast and with the lowest moisture ratio.



## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                 | KY 32     |
|-----------------|-----------|
| Body Dimensions | 3000x1630 |
| Engine          | 7.5 kw    |
| Weight          | 5000kg    |

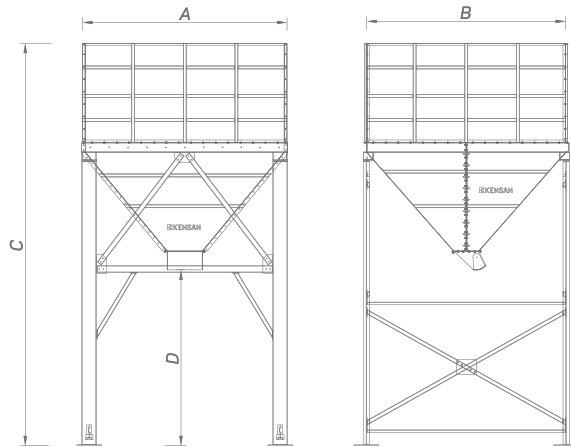


# BUCKET-WHEEL WASHER

# STOCK BUNKER

Stock bunkers are collecting elements which do stock the crashed and then produced material through the pneumatic controlled covers without letting them fall down to the ground and load them to the truck. In addition to standard stock bunkers we produce bunkers in desired volume and sizes.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                      | SB25              | SB45              | SB75              | SB100              |
|----------------------|-------------------|-------------------|-------------------|--------------------|
| Capacity (t/h)       | 25 m <sup>3</sup> | 45 m <sup>3</sup> | 75 m <sup>3</sup> | 100 m <sup>3</sup> |
| Discharge Outlet(mm) | 700 X 500         | 700 X 500         | 700 X 500         | 700 X 500          |
| Dimension A (mm)     | 3820              | 4120              | 4620              | 5000               |
| Dimension B (mm)     | 2800              | 4100              | 4600              | 5000               |
| Dimension C (mm)     | 7750              | 8100              | 9000              | 9000               |
| Dimension D (mm)     | 3720              | 3490              | 3670              | 3670               |



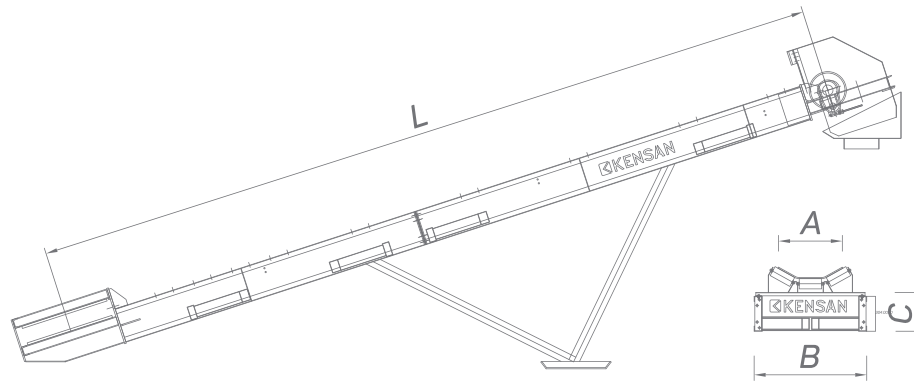


# STOK BUNKER

# BELT CONVEYOR

Belt conveyor is major transmission element of mining facilities. They are manufactured in various widths and lengths according to the capacity and distance will be transmitted. The belt conveyors can be manufactured in width of 500-600-650-750-800-1000-1200 mm and in desired length. They are driven by belt-pulley-reducer or by engine and reducer coupled directly.

## TECHNICAL DRAWING



## TECHNICAL SPECIFICATIONS

|                  | BK500 | BK600 | BK650 | BK750 | BK800 | BK1000 | BK1200 |
|------------------|-------|-------|-------|-------|-------|--------|--------|
| Belt Width (A)   | 500   | 600   | 650   | 750   | 800   | 1000   | 1200   |
| Dimension B (mm) | 850   | 950   | 1000  | 1100  | 1150  | 1350   | 1550   |
| Dimension C (mm) | 410   | 410   | 410   | 410   | 410   | 410    | 410    |





# BELT CONVEYOR



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