

# CRUSHING SCREENING WASHING CLASSIFIERS SCRUBBERS



**EXCELLENT SOLUTION PROVIDER  
FOR SAND MAKING AND WASHING**

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# About us

We “Aesha Conveyors And Crushing Equipments” is a Manufacturing and Design Firm and renowned as a leading manufacturer of the finest quality Industrial Conveyors, Sand Processing Plants, Bucket Elevators, Industrial Mixers, Industrial Crushers, Industrial Mills, Material Handling System, Silica Sand Processing, Industrial Valve, Industrial Dryers, Foundry Equipments, Industrial Screen, etc. We were established in the year 2004 at Ahmedabad, (Gujarat, India). We are blessed by the latest and hi-tech infrastructural facility. This infrastructural unit is further segmented into different specialized departments such as warehousing & packaging department, procurement department, quality testing department, manufacturing department, research and development department, etc. In addition to this, our production unit is well-resourced with pioneering machines, tools and equipment in order to have hassle free business operations. We also have recruited a team of dedicated and enthusiastic professionals who handle these departments in well-defined manner.



The products provided by us are manufactured with high precision using the best quality components and innovative technology under the stern guidance of our dexterous and competent professionals in tandem with market quality standards. These products are extensively applauded in the industry for their qualitative attributes such as sturdiness, impeccable performance, excellent functionality, resistant against corrosion, high efficiency, rugged construction, application specific design, long operational life, maintenance free and low power consumption. Moreover, we provide these products in variegated models and technical specifications for our utmost customer satisfaction. Our team dedicated professionals conduct numerous tests on these machines to assure their excellent functionality at the users' premises. Under the stern direction of “Mr. Nilesh Panchal” (Chairman and Managing Director), we have successfully expanded our business in the market. He supports us to attain a huge client base spread all across the nation.

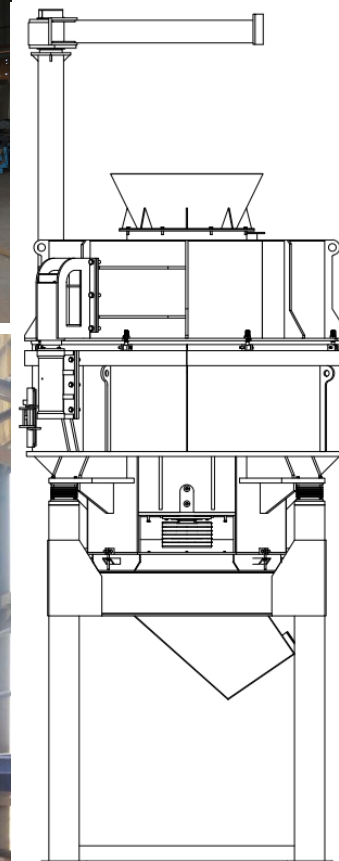
## Our Services

- Design
- Manufacturing
- Erection and Commissioning
- Turnkey Projects
- Projects Execution
- Engineering Consultants

# SandMaster - VSI ( Vertical Shaft Impactor)

SandMaster - VSI is an Excellent Machine for Sand Making and achieving greater performance in producing Round / Cubical Shaped Sand Particles. It is working as Rock - to - Rock Collision Method to produce Cubical Shape. Similarly to the Centrifugal Pump, Stone are fed into Center of High Speed Rotor and Thrown Outwards towards the Periphery of Rotor by using Centrifugal Force.

It Strikes against the Rock Shell, Stone Fragmentation takes place due to Stresses developed on Surface of Stone and Disintegrates into Number of Pieces and Give Rise to New Cubical Shaped Stones with Minimum Powder Generation.



## Technical Specifications

Model	Capacity	Feed Size	Power	Rotor Diameter
VSI – 1200	20 - 25 TPH	15-20 MM	125 HP	600 MM
VSI – 1800	40 – 45 TPH	15 – 20 MM	220 HP	800 MM
VSI – 2200	80 – 90 TPH	15 – 20 MM	350 HP	900 MM



# Double Roll Crusher



AESHA Make Roll Crusher is the most efficient machine for Secondary and Tertiary crushing of Materials. Its adjustable Roll Produced desired Sizes with the arrangement for Fine Grinding. The Rolls are made of highly wear resistance Manganese Cast Alloys with Specially designed Bearing Housing Assembly for Minimum Lubrication.

Roll - Shaft Assembly is easier to replace Wearable roll to minimize downtime period.

Technical Specifications				
Model	Capacity	Feed Size	Power	Roll Diameter
ARC – 4060	6 – 10 TPH	15 - 20 MM	20 HP	400 MM
ARC – 6060	10 – 12 TPH	15 – 20 MM	40 HP	600 MM
ARC – 9010	15 – 20 TPH	15 – 20 MM	80 HP	900 MM

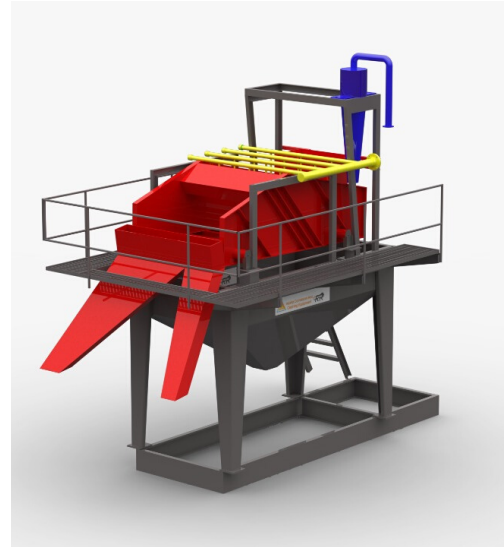
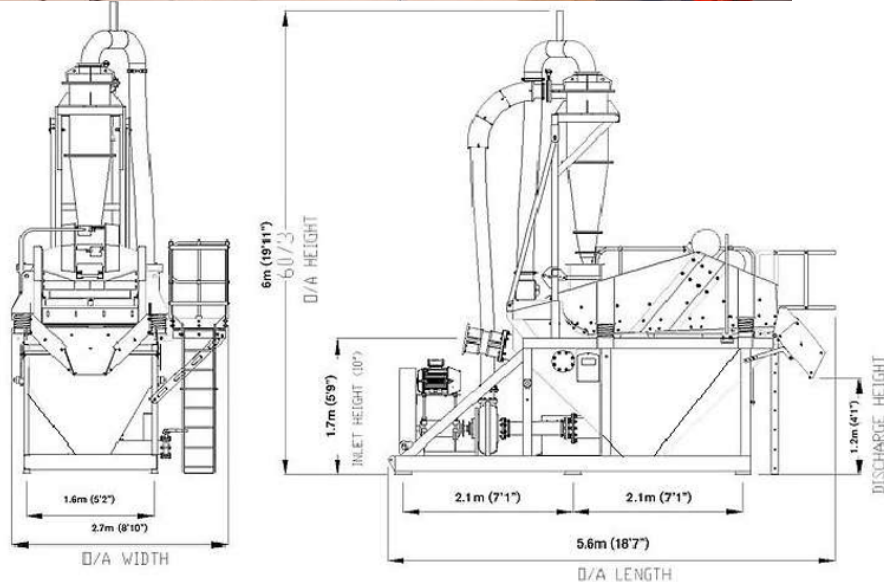


# AESHWASH - Hydrocyclone Sand Washing Series



AESHWASH - Series are designed to ensure Maximum Efficiency and Produce High Quality Silt - Free Washed Sand from your Washing Plant and Delivers to Market.

It Separates Clay , Silts and other Impurities from Final Product and recovers maximum fines particles to enhance quality and adds strength Values.



## Applications :

- Wet Classification
- Aggregates Washing
- Silica Sand Washing
- Fines recovery from Crusher Dust.
- M-Sand Washing
- Plaster and Construction Sand

## Technical Specifications

Model	Capacity	Dewatering Size	Power	Hydro cyclone Size	Slurry Pump
ASW – 300	25 – 30 TPH	900 X 1500	9 HP	250	2" X 1.5"
ASW – 500	40 – 50 TPH	1200 X 2500	16 HP	400	4" X 3"
ASW – 1000	80 – 90 TPH	1500 X 3000	25 HP	600	6" x 4"

# Bucket Wheel Sand Classifier ASW - Series



Aesha Make Bucket Wheel Classifier with Dewatering Screen is the Highly efficient system for fines recovery from Manufactured Sand and Crusher Dust.



Sand and Water Mixtures is fed into Machine, Sand then settles on the Bottom of Trough. A moving Screw transfers sand into Dewatering Screen and Waste water with Clay and Silts, flows out through weir.

Finish Clay Free Sand discharge from Screen by Chute.



## Technical Specifications

Model	Capacity	Dewatering Size	Power	Bucket Nos.
ASW – 500	40 – 45 TPH	900 X 1800	8 HP	14
ASW – 800	70 – 75 TPH	1200 x 2500	14 HP	16
ASW – 1200	110 – 115 TPH	1500 X 2800	22 HP	18

Also Available for Double Size Production



# De-Watering Screen DWS - Series



Our DWS Series Dewatering Screen is Specially designed for Maximum water rinsing from wet Material or Slurry upto 7% of Moisture. With More than 60+ Dewatering Screen produce each year, we are one of the Leading supplier in India with Many Global Installations.

\*Dewatering Screens are available in Various Sizes as per Material and Customer's selection for the particular Product size.

# Linear Rectangular Vibrating Screen HFVS - Series



Our HFVS Series Inclined and Horizontal Screen are working on High frequency Vibration to Maximize efficiency of Screening at low power consumption..

It is very advance technology with Stress Free Body and Special Grade High Stress steel use for Maximum Working Life and Far superior than Conventional Screens.

Applications :

- Aggregates Screening.
- Sand Screening
- Bio-Waste Screening
- Coal Screening
- DOC Oil Industry.

# Attrition Scrubber



AESHA Make Attrition Scrubber provides the scrubbing power necessary to liberate these clays, This unit is not only highly efficient, it is designed for a long trouble free life.

Cell is lined with 1/2 Inch Vulcanised Natural Rubber for long Durability.

The Shafts can be single, solid shaft line or a 3 piece shaft line with interchangeable parts allowing for longer shaft life.

Our Aesha Attrition Scrubber is perfect solution to remove sticky clay from your material by attrition effect.

# Drum Scrubber



Drum Scrubber is best solution to remove unwanted Clay from the Material Such as China Clay , Kaolin and for Glass Grade Silica Sand.

\*Available in Various Diameter and Lenght as per Capacity requirements.

Technical Specifications			
Model	Capacity	Stage	Power
AS150	10 – 15 TPH	Single Stage	10 HP
AS180	20 – 25 TPH	Double Stage	20 HP
AS220	35 – 40 TPH	Three Stage	30 HP



## Vertical type M-Sand Plant



## River Gravel Sand Making Plant



## Stationary M-Sand Plant



## Sand Washing Plant

