

IT'S TIME TO SHIFT TO **M-SAND PLANT**

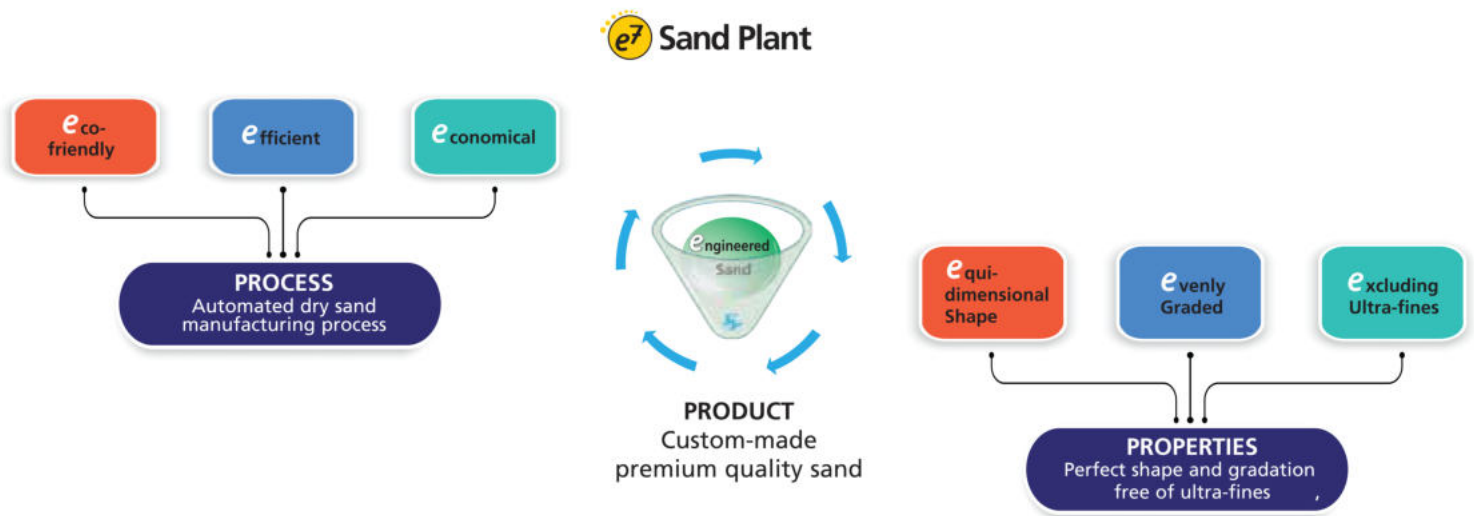
Save cost, build strong and protect the environment

WELCOME TO FABLAX PVT. LTD.

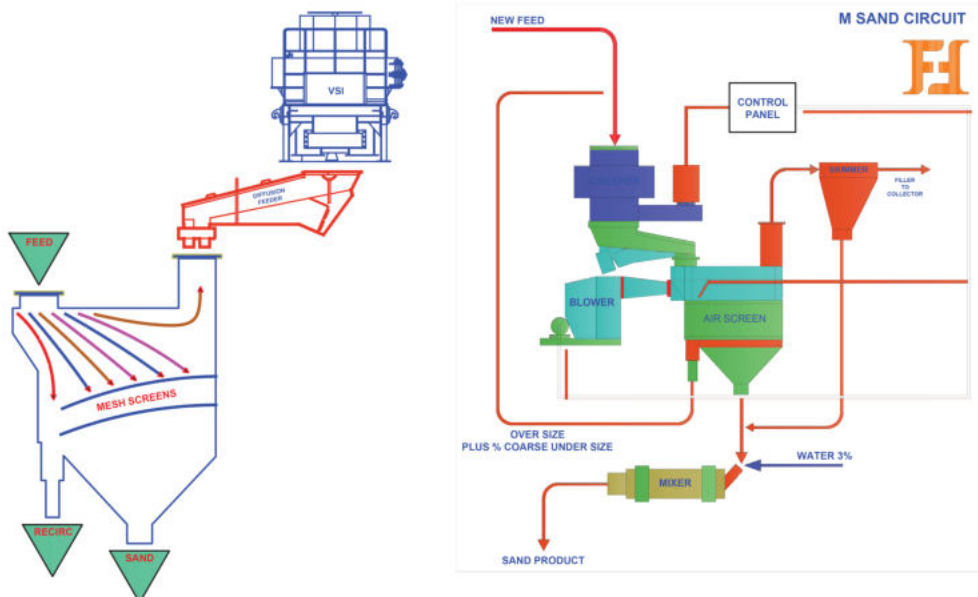
e7 Sand Plant -

Advanced Sand Plant Solution

The FABHIND e7 Sand Plant offers a sustainable alternative to river sand - high quality engineered sand. Manufactured in collaboration with the globally acknowledged leaders in the field of sand manufacturing plants, KEMCO of Japan, this highly versatile system manufactures sand that is eco-friendly and provides the perfect combination of size, shape, gradation and purity of the end product.



e7 Sand Plant Components



e7 Sand Plant - Advantage

Ideal grain shape and size :

Increased production of grains in the range 0.15 - 0.6 mm, (traditionally difficult product size to achieve) is made possible by the combination of the new Kemco Vertipact and the closed-circuit air screen system that re-circulates oversize back to the crusher. It provides controlled grain size, and particle shape that performs as well or better than natural sand

Low operating cost : Special design and metallurgy for high service life.

Controlled fineness modulus - 2.2 - 3.2 is easily achieved. Smaller FM is also possible at lower capacity

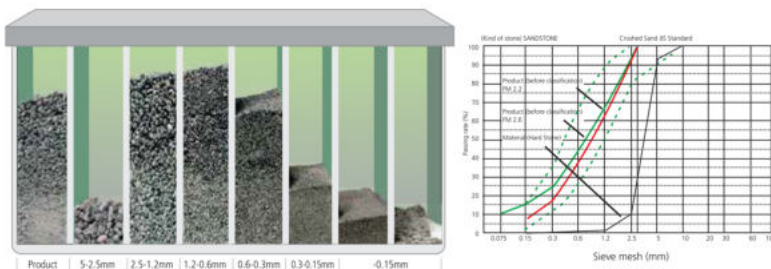
Easily controlled moisture content :

The system can produce sand similar in consistency to that of wet processed sand, by using a water-adding mixer to give a controlled moisture content, The consistent grading is maintained during stockpiling and transportation. Environment friendly A low-noise design and sealed structure that eliminates dust

Flexibility and automated controls :

Depending on application / concrete mix design, you can design the desired sand gradation to meet specific requirements. The system is fully-automated to select the desired options.

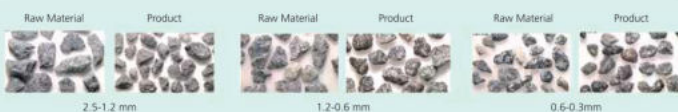
Product Gradation Example



The e7 Engineered and Advantage for oncrete Mix

- Improved workability / flowability
- Improved compressive strength
- Improved surface finish
- Reduced cement consumption

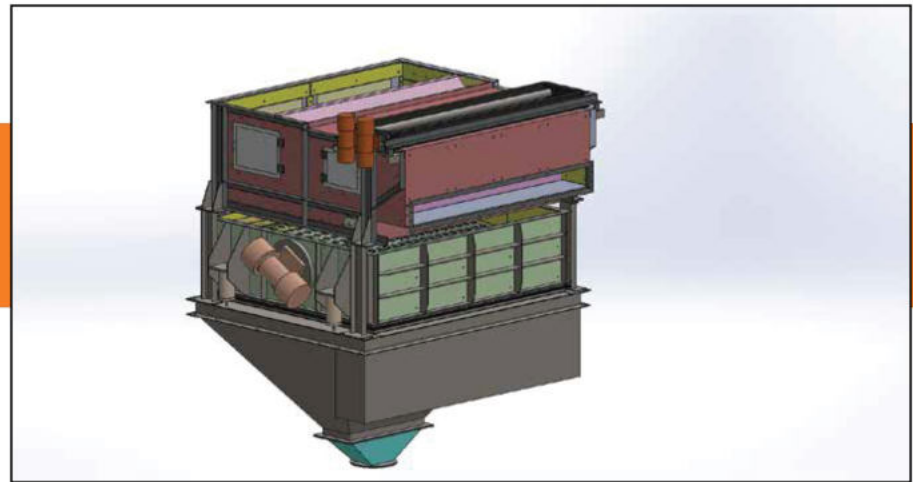
Shape Comparison of Raw Material and e7 Sand Plant Output



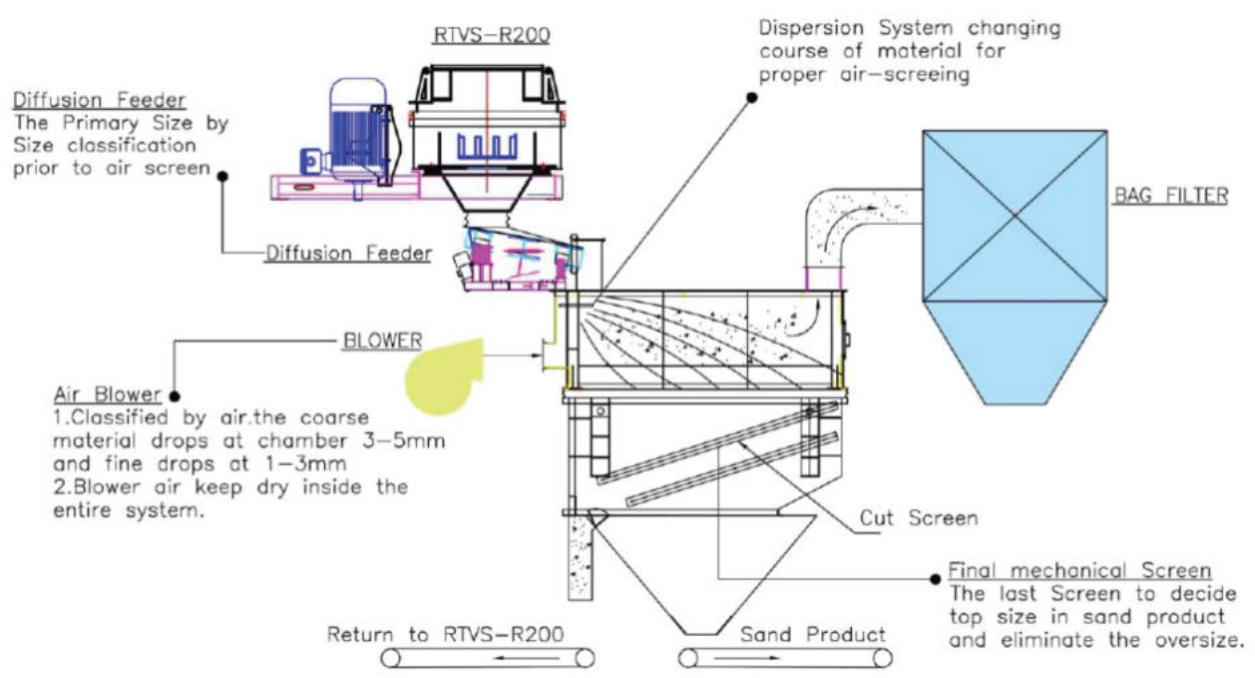
e7 Sand Plant Components -

Exploded view

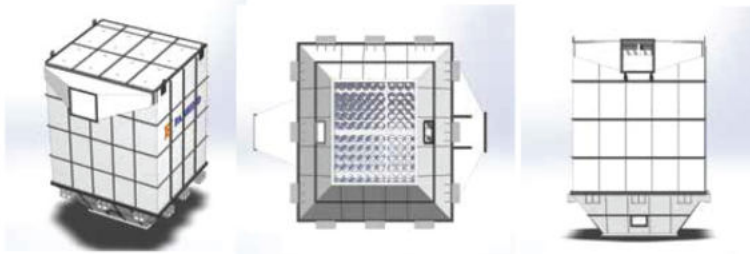
AIR CLASSIFIER



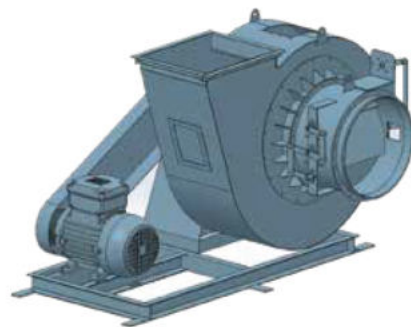
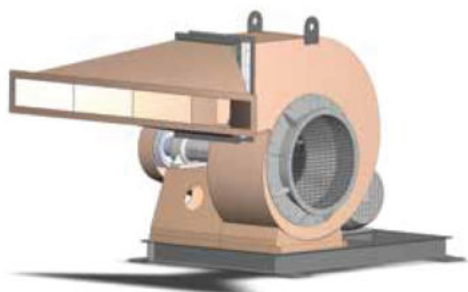
The Air Screen is a fully - automated system that selects and classifies crushed material into sand product and oversize, rejecting excess fine particles to the dust collector. The sand gradation can be altered by means of an internal damper



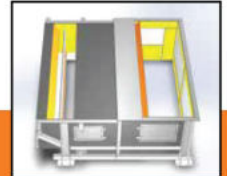
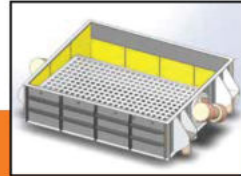
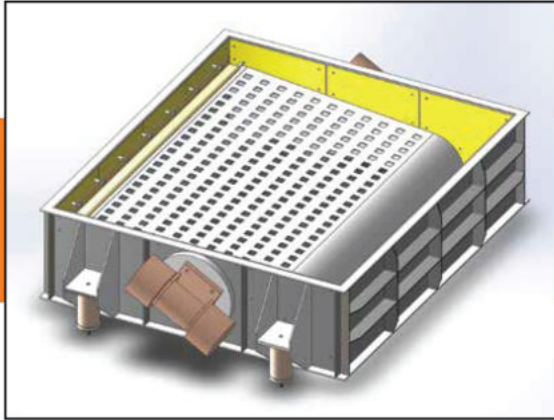
 **BAG HOUSE**



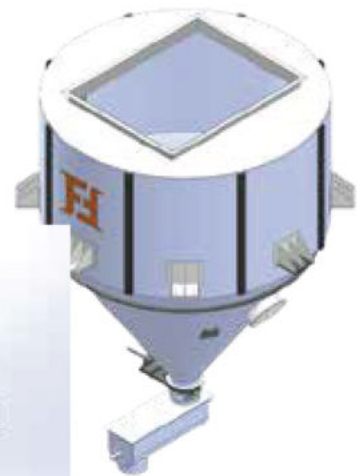
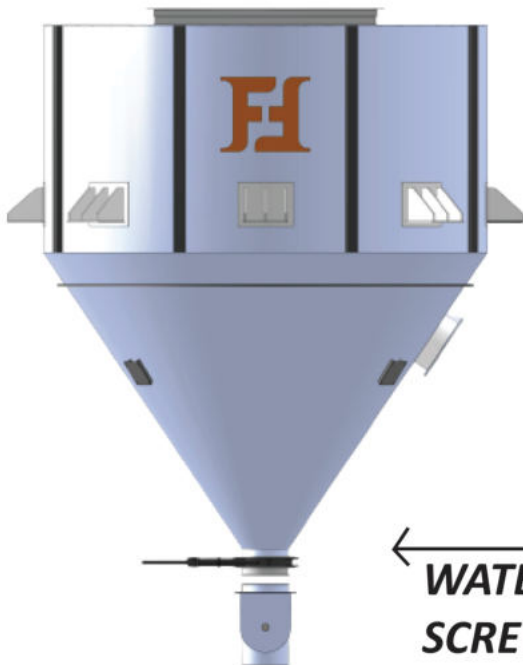
 **BLOWER**



 **AIR SCREEN**

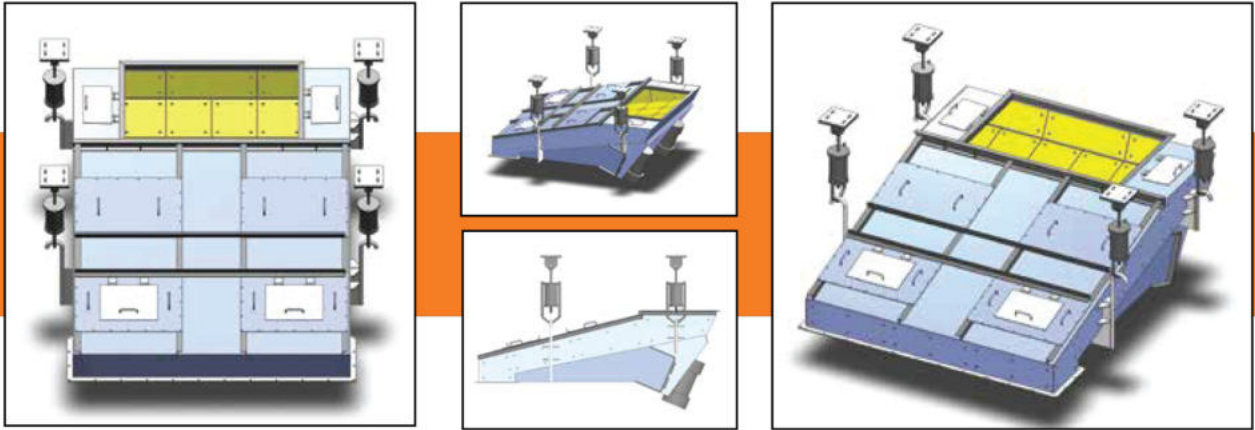


 **STORAGE**

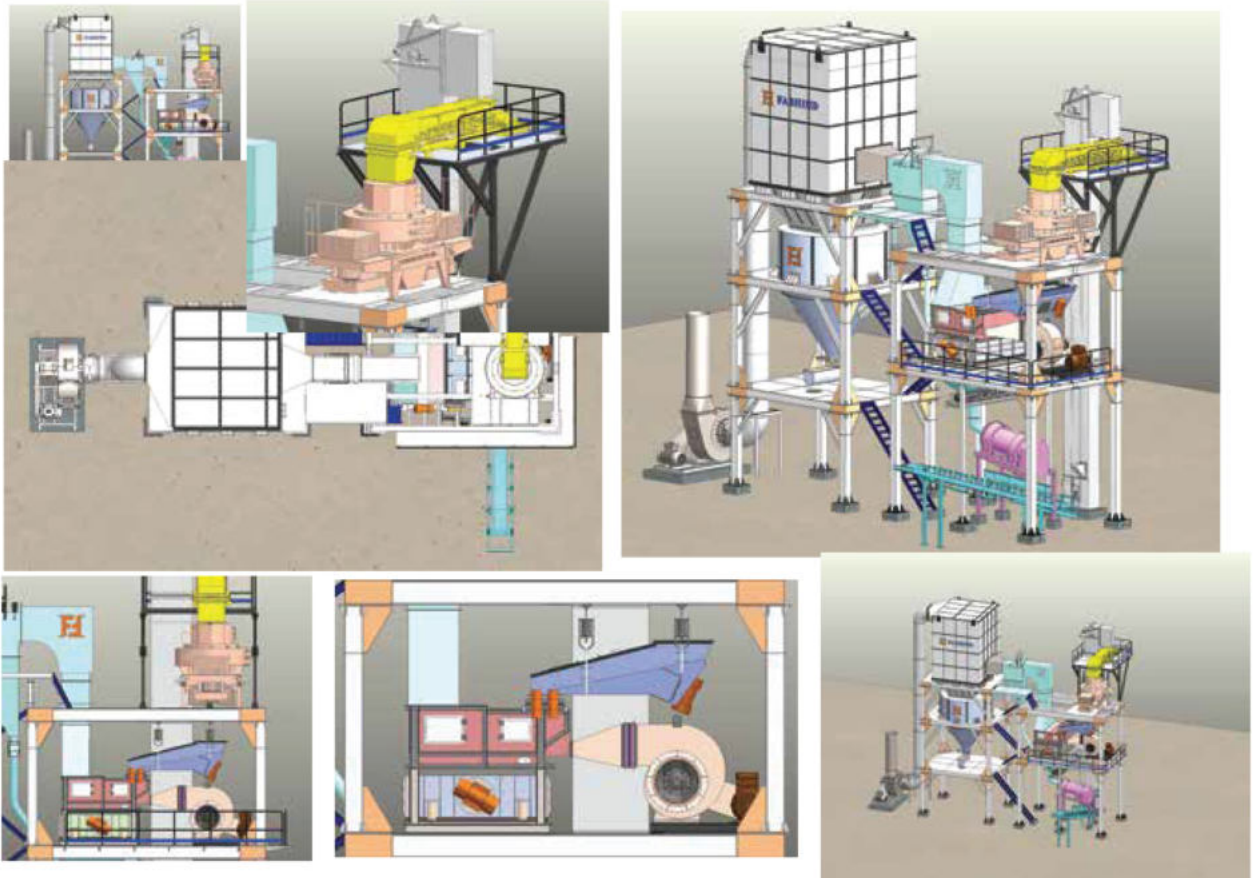


← **WATER EDITING
SCREW**

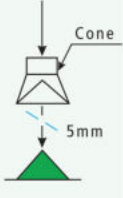
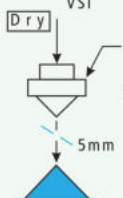
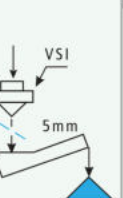
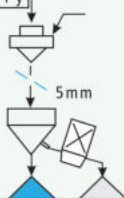
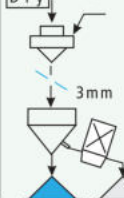
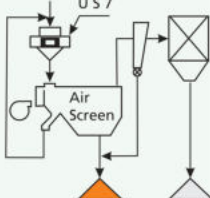

 **DIFFUSER**



 **TOWER**



Comparison of Sand Manufactured using Different Technologies

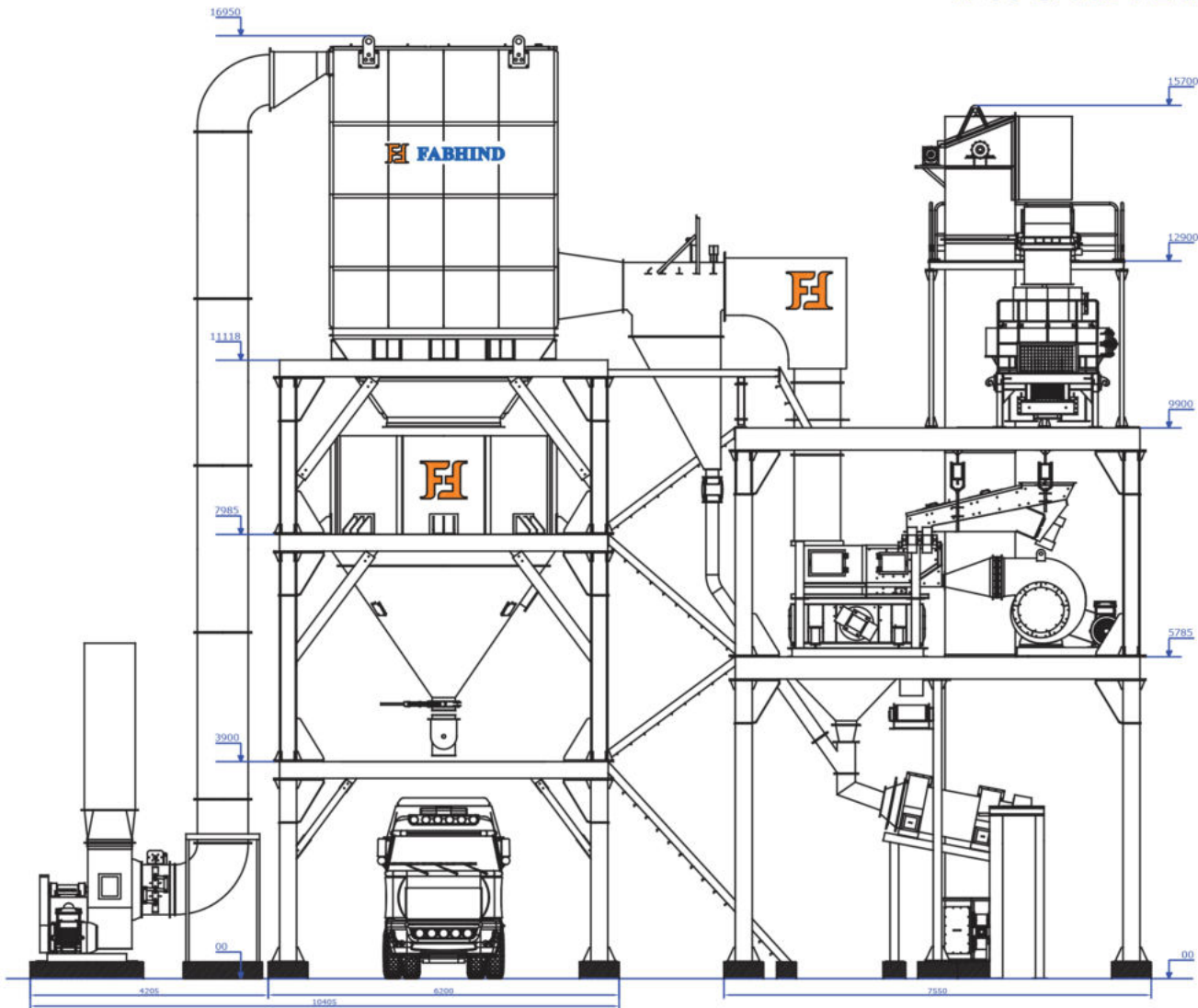
Sand Quality	Cone Sand (Crusher Dust)	VSI Sand (Crusher Dust)	VSI -> Washed Sand	VSI -> Classified Sand	VSI -> Screen @3mm-> Classifier/ Washed	e7 Sand Plant Sand (Closed Circuit)	Natural River Sand
Overall Grading	✗	✗	✗	✗	✓	✓✓ Precise Control	✓✓ *May Vary
Cleanliness /Ultra-fines Control	✗ Dusty	✗ Dusty	✓	✓	✓	✓✓ Precise Control	✓✓
Fineness Modulus	✗ Very Coarse	✗ Less Coarse	✗ Very Coarse	✗	✓	✓✓ Precise Control	✓✓ *May Vary
Shape	✗ Very Flaky	✗ Less Flaky	✗ Less Flaky	✗ Less Flaky	✗ Less Flaky	✓✓	✓✓✓✓
Flow							

Sand Plant - Advanced Dry Sand Manufacturing Plant Models

Specifications	Model	e7 - 40	e7 - 60
Capacity of feed material (0-8mm)		Maximum 40 t/h	Maximum 60 t/h
Capacity of FM 2.7-3 product (tentative)		35 ~ 38 t/h	50 ~ 55 t/h
Connected load Electric power (tentative)		300 kW	435 kW

Overall Dimensions - Sand Plant Models (in mm)

M 60 SAND PLANT



About Us


FABLAX PVT. LTD. is one of the foremost M-Sand plant manufacturers in the region. Being the best and widely used substitute for river or natural sand, M-Sand that is manufactured using our technically advanced M-Sand plant is of the most remarkable quality. Our M-Sand plants are known for distinguished features that include

- Environment-friendly
- Non-corrosive
- Minimum wastage
- High quality raw materials
- Less pollution
- Budget-friendly
- Nationwide service
- Durable
- Easy to operate
- Less power consuming
- Proven quality



Our Contact Us

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