

JÖST „Sand lump attrition unit in a box“

Application

This compact and semi mobile unit is a Joest development which was triggered on demand of a large German car manufacturer. The unit combines the functions: Dissolving core sand lumps, screening out unwanted oversize particles, conveying the sand to a silo. The whole functional arrangement is installed in a noise- and dust proof enclosure, and a rigid base frame with four wheels. Thus, the whole unit is semi mobile. Media connections are realized with plug connectors. The unit is not meant to be moved every day, it is meant to be moved if it requires maintenance (in this case the maintenance can be done in the service area of the foundry) or if it is required in another place of the foundry.

The unit includes the functional devices as listed below:

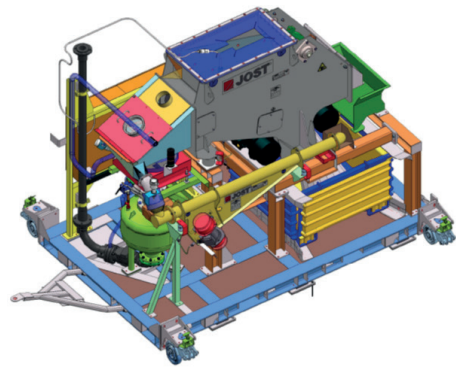
- One ZUFS 500 Unit with fines screen
- One pneumatic conveying vessel
- One vibrating conveyor pipe for the oversize grain
- One oversize grain collecting box
(enclosure has an access door for fork lift truck)

Main dimensions in (mm)

3300x2000; Height 2550, Weight approx. 4t.

Troughput

1,5 t/h (if 100% sand lumps are processed);
approx. 3 t/h is a sand lump / sand mixture 50:50 is processed



APPLICATIONS

- Organic / anorganic bounded core sand

A member of the

JOEST® group

JÖST GmbH + Co. KG, Germany
Gewerbestraße 28 - 32, 48249 Dülmen

Fon: +49 2590 98-0
Fax: +49 2590 98-101

info@joest.com
www.joest.com

