

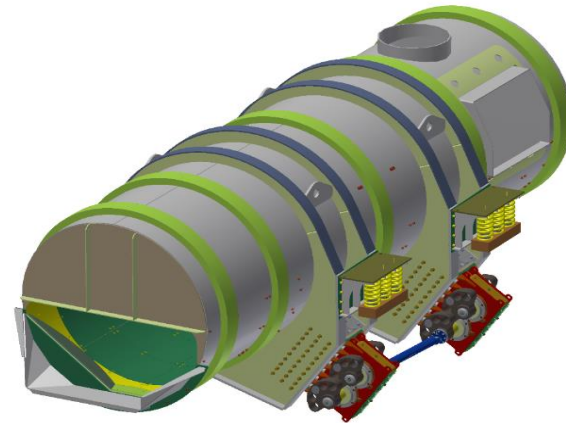
## Machines for the Foundry Industry



### Vibrating Cooling Drum HST

Vibrating Cooling Drums HST are used for sand / casting separation and casting and sand cooling. It's the most effective machine to do this job. Space and investment is small in comparison with all other systems. Ask us to plan your new Vibrating Cooling Drum into your factory! All machines are 3D-designed. The following standard machines are available:

|                         | HST         | HST         | HST         | HST         | HST         | HST         | HST         |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Drum Ø</b>           | 1250        | 1600        | 1600        | 2000        | 2000        | 2500        | 2500        |
| <b>Drum length</b>      | 6000        | 6000        | 10000       | 6300        | 10000       | 6300        | 10000       |
| <b>Exciter</b>          | 2 x HRE 4-6 | 2 x HRE 5-6 | 3 x HRE 5-6 | 2 x HRE 5-6 | 3 x HRE 5-6 | 2 x HRE 6-6 | 3 x HRE 6-6 |
| <b>Motor kW</b>         | 22          | 37          | 55          | 45          | 55          | 55          | 2 x 45      |
| <b>Sand t/h</b>         | 25          | 40          | 40          | 60          | 60          | 90          | 90          |
| <b>Exhaust Air m³/h</b> | 6400        | 13500       | 19500       | 16000       | 29000       | 23000       | 44000       |
| <b>Drum weight. kg</b>  | 5500        | 8700        | 13850       | 11100       | 17450       | 17900       | 27150       |



Other dimensions if required.

Several Options are available. For example wear plates in different materials. To deliver the best technology, we produce our own drive system (Exciter HRE). We only use springs which are produced from steel (no rubber). All of our machines are resonance tested in our workshop. This machine type is emitting air vibrations. This can cause problems also in great distance. Sometimes a sound proof cabin made from concrete around the Vibrating Cooling Drum can be necessary. An Isolation frame must be used under the machine.

For further information please call: +49(0)6157/402-9982(Germany) or send an Email to [hoppe@hoppeschwingtechnik.de](mailto:hoppe@hoppeschwingtechnik.de).

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