

# Machines for the Foundry Industry

## Cooler and Dryer HFT

Vibrating fluid bed coolers or dryers are used to cool or dry several different bulk material. This machines are applied for economic and precise cooling as well as homogenisation of hot used material or for drying process of bulk material.



### Process data

#### 1. Dryer section

Ambient air

- temperature:
- rel. moisture:

Product

- initial temperature:
- final temperature:
- initial moisture:
- final moisture:

Drying air

- temperature:
- volume:

Exhaust air

- temperature:
- relative moisture:

### Needed Data :

#### Product data

- Feed material
- Feed rate
- Bulk density (dry)
- Specific heat
- Grain size

#### 2. Cooler section

Ambient air

- temperature:
- relative moisture:

Product

- initial temperature:
- final temperature:

Cooling air

- temperature:

Exhaust air:

- temperature:
- relative moisture:



For further information please call: +49(0)6157/402-9982(Germany)

or send an Email to [hoppe@hoppeschwingtechnik.de](mailto:hoppe@hoppeschwingtechnik.de)

**Hoppe**  
Schwingtechnik GmbH

Sirius Business Park - Werner-von-Siemens Str. 2

D-64319 Pfungstadt - Germany

Tel.: +49(0)6157 402-9982 Fax.: +49(0)6157 402-9989

[info@hoppeschwingtechnik.de](mailto:info@hoppeschwingtechnik.de)—[www.hoppeschwingtechnik.de](http://www.hoppeschwingtechnik.de)