

MECHANICAL DISCHARGE DEVICE VIBRATING BOOM



The vibrating boom, Type SVA serves as discharge aid for bridge-building, dry, dusty, to granulated bulk materials. The product can be mounted to rectangular hoppers or special outlets and is individual applicable which is an advantage compared to the discharge vibrating device. The subsequent installation in existing silos or hoppers can be easily accomplished. Through variable vibrating motor installation, the vibrating boom comes in various settings.

Areas of Application

- Simple construction
- Simple subsequent installation
- Compact construction, low wear
- Changeable from outside
- Rugged oscillating unit
- Max. operating temperature 80°C
- Various vibration motors available

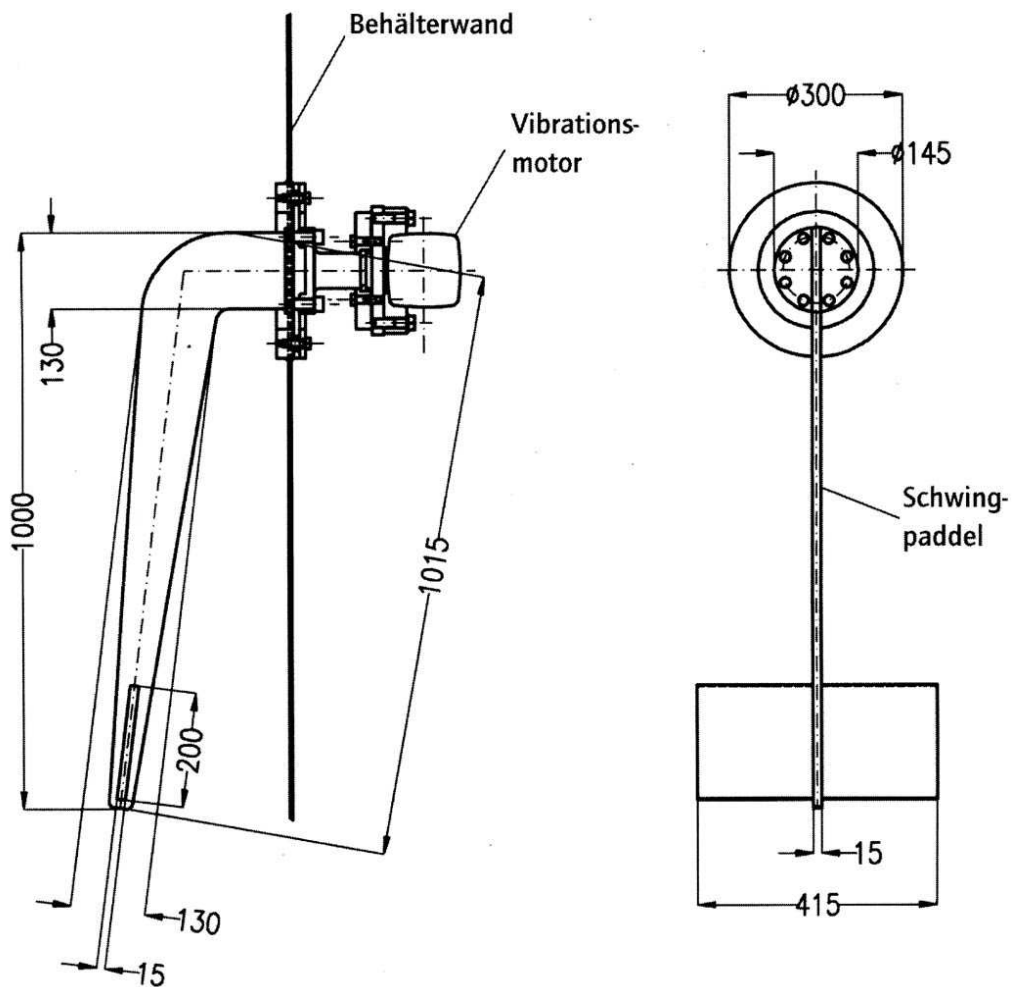
Details / Explanation

- The vibrating boom can be delivered in steel or various stainless steel materials depending on the application. Top coat: hammer tone silver grey or galvanized

Finish

The vibrating motor is switched on in a pulsating mode. Through this pulsating oscillation, vibration energy is transferred into the bulk material. By changing the centrifugal power as well as the variable pulsating frequency activation, the bulk solid is stimulated. The fine oscillation prevents the bulk material from hardening.

Functionality



Scale Drawing

Technical Data

| Vibrating Boom |
|--|
| Arm length approx. 1000 mm |
| Distance to wall approx. 100 mm |
| Vibrating motor: 400V/50 Hz, 0,16 kW – 3000Upm |
| Max. operating temperature: +80°C |

Article number

| Material | Steel | High-grade Steel |
|----------------|------------|------------------|
| Article number | 741 10 007 | 741 10 019 |