

MECHANICAL DISCHARGE DEVICE SVA VIBRATING BOOM



Vibrating boom (installation example)

The Stanelle 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

Details / Explanation

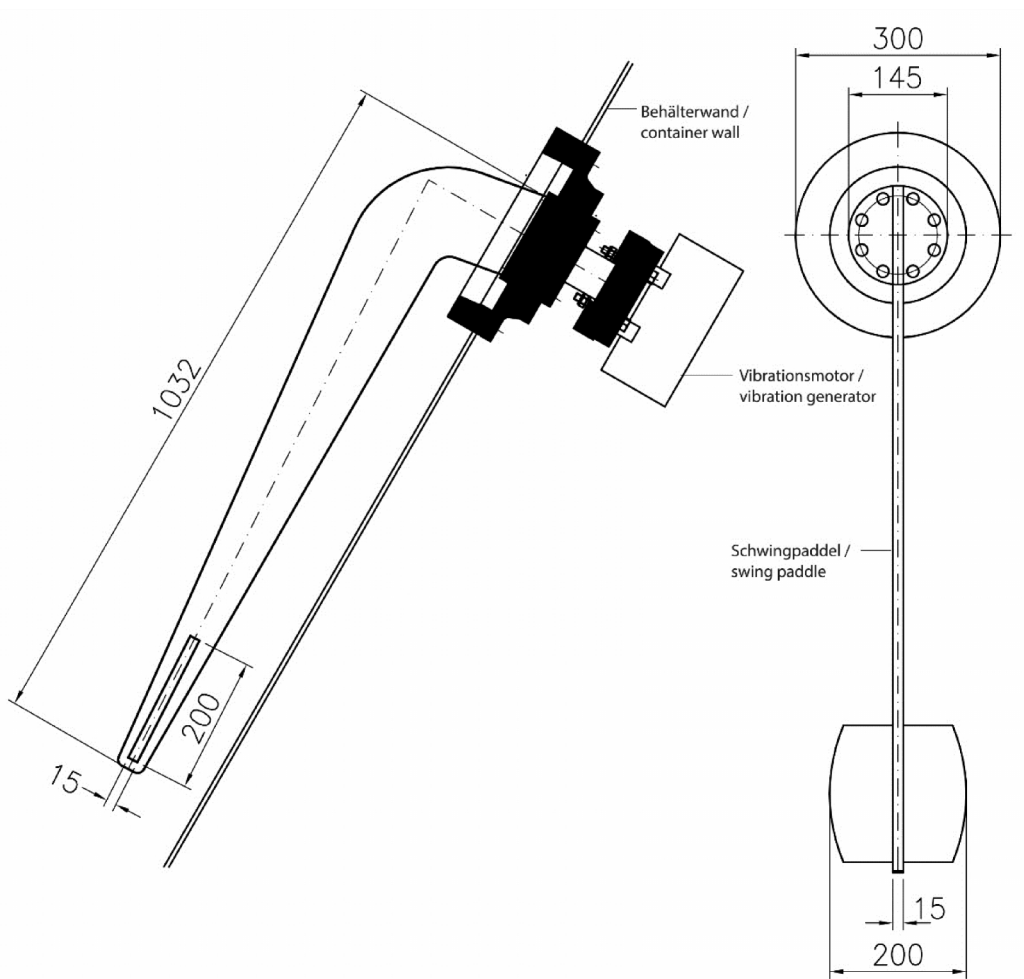
- Simple construction
- Simple subsequent installation
- Compact construction, low wear
- Changeable from outside
- Rugged oscillating unit
- Max. operating temperature 80°C
- Various vibration motors available

- Rust removal: SA 2,5
- Primer: 2K; 40µm
- Top coat: 2K; RAL 9006; 40µm
- or for stainless steel versions glass bead blasted

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, type SVA

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 S235JR	High-grade Steel 1.401
Article number	741 10 007	741 10 019

Equipment / Spare parts

	Article number	
Vibration generator 400 V / AC	882 10 001	
Vibration generator, ATEX , II 2 G/D 	882 10 013	
Clamping plate	741 10 027	
Clamping piece	741 10 026	
Shaft connection	741 10 025	
Vibration paddel as spare part	741 10 059	
Vibrating element (S235)	741 10 015	
Vibrating element (VA)	741 10 021	