

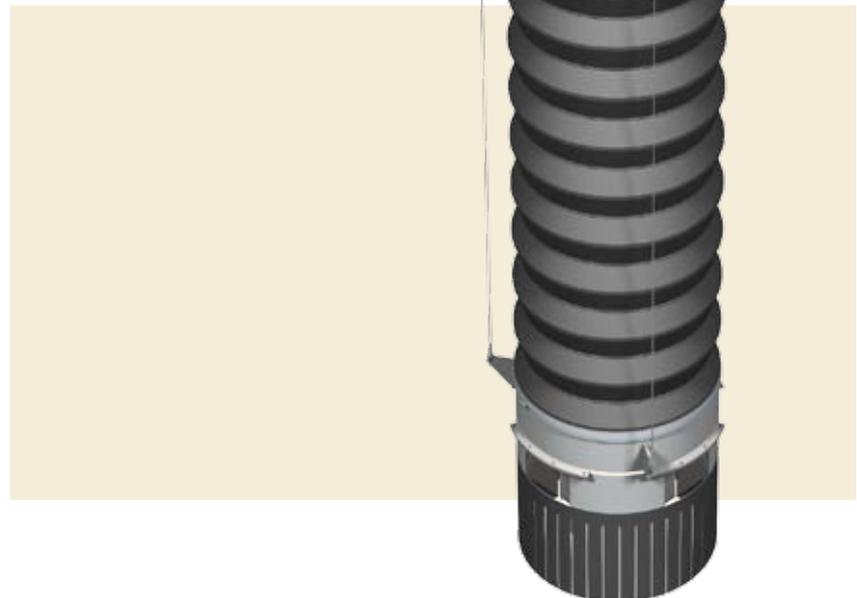


WOHWA Loading Chute Type 17.1

for dust-free, nonpolluting loadout of bulk materials to open trucks

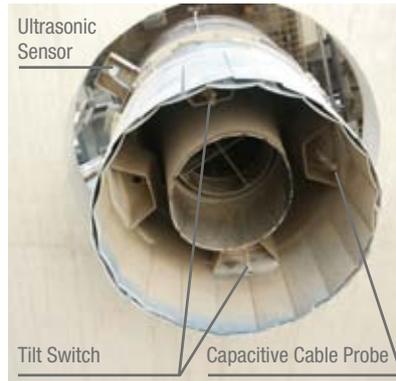
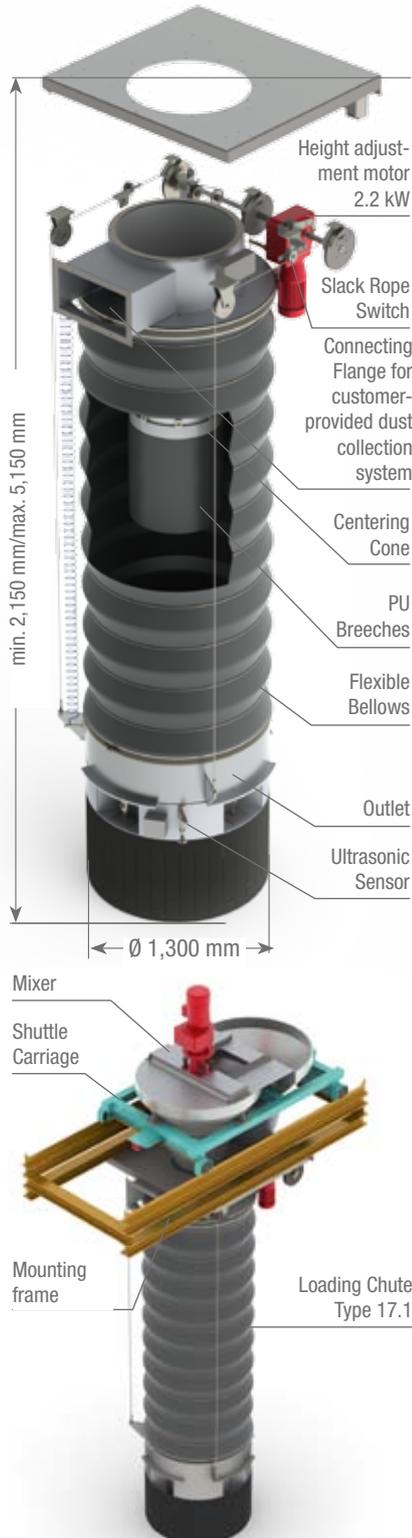
Features/Benefits

- Robust design for loadout capacities up to 1,200 t/h
- Easily exchangeable wear-resistant lining
- Rigged with various sensors for safe operation
- Automatic or manual control
- Combinable with WOHWA Continuous Flow Mixer
- Integration into WOHWA Blending and Loadout Systems





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Technical Data

The loading chute is equipped with a centering cone approx. 55 inches (1,400 mm) long for a well-centered, dust-reduced material flow. The wear-resistant lining is made of easily exchangeable (bolted) 0.315 inches (8 mm) steel sheet (XAR 400). The highly wear-resistant PU Breeches, mounted directly to the cone, focus the material stream and reduce dust-emission.

- Connectable to locally furnished dust collection system 600 x 300 mm (approx. 23.62 x 11.81 inches)
- Air volume requirement approx. 8,000 – 12,000 m³/h
- Height adjustment approx. 118 inches (3,000 mm)
- Tube diameter at top approx. 31.5 inches (800 mm)
- Separate chute for material transfer on truck
- Height adjustment motor 2.2 kW, hoisting cable Ø 0.315 inches (8 mm)
- Overall height approx. 85 inches (2,150 mm) retracted
- Overall height approx. 203 inches (5,150 mm) extended
- Flexible bellows in weatherproof awning cloth, on steel rings, with spring/expander rings
- Outlet with abrasion-resistant, slit rubber dust skirt. The outlet chute has been designed to keep dust generation at a minimum

- Combinable with all WOHWA Continuous Flow Mixers with Shuttle Carriage and Single-Product Chute
- Optional mounting frame between travelling Continuous Flow Mixer and Loading Chute for mounting to locally provided support steel work

Sensors

- Rotary limit switches for top and bottom positions
- 3 slack rope switches
- 1 ultrasonic sensor for measuring distance between outlet and material pile on truck
- 3 tilt switches

System Integration

The WOHWA Loading Chute in combination with the travelling WOHWA Continuous Flow Mixer allows loadouts of single-size products via the chute and of aggregate mixtures via the Continuous Flow Mixer.

This combination can be fully integrated into a WOHWA Blending and Loadout Control System, or it can be supplied with its own dedicated control system. A WOHWA control system and the above listed sensors guarantee a reliable operation of the Loading Chute.

As an option, a mounting frame can be supplied with rails and connection bolts for the Loading Chute (support steel work, limit switches, and anti-topple device for shuttle carriage are to be provided locally).