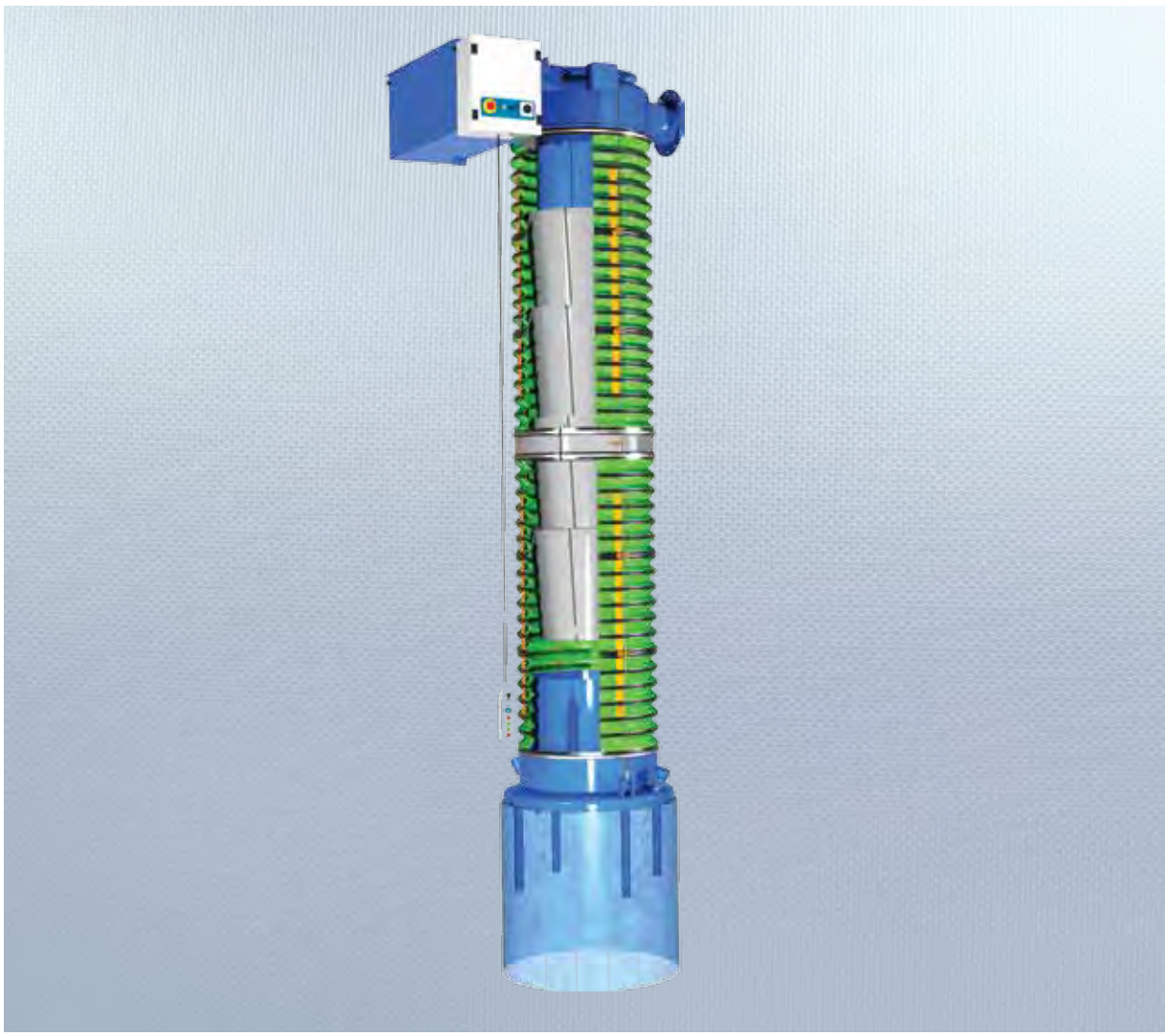
LOADING BELLOWS

Telescopic Loading Bellows for High Capacities

ZX







WAMGROUP

TOREX®

Telescopic Loading Bellows for High Capacities ZX

DEVELOPED FOR HIGH CAPACITIES AND DUST-FREE LOADING OF SHIPS, BARGES AND STOCKPILES

ZX Loading Bellows are suitable for continuous duty reaching a maximum capacity of 850 m^3/h (1,060 cfm).

At the lower end they are equipped with a skirt which prevents dust emission during discharging.

Bellows retraction is controlled by an electric winch.
The unit can be connected to a central dust collector on site via a lateral flanged spigot in the upper head.

Features



- Inlet diameter:
  500mm (32 in);
- Maximum capacity:
  850 m^3/h (1,060 cfm);
- Maximum extension: up to 25 m (98.4 ft);
- Hoisting motor 1.1 kW;
- Working temperature:
  from -40 °C up to 150°C (-40°F ~ 302°F);
- 2 off external lifting cables not in contact with material flow to extend and retract the loader obstruction and wear-free;
- 2 level indicators outside the material flow.

Main Benefits



- ✓ Excellent dust-free loading thanks to special bottom skirt design;
- ✓ High capacities - short loading time;
- ✓ Various construction materials available;
- ✓ Slack cable and Upper/Lower position limit switches, hoisting drive unit, 2 level indicators included in standard supply.

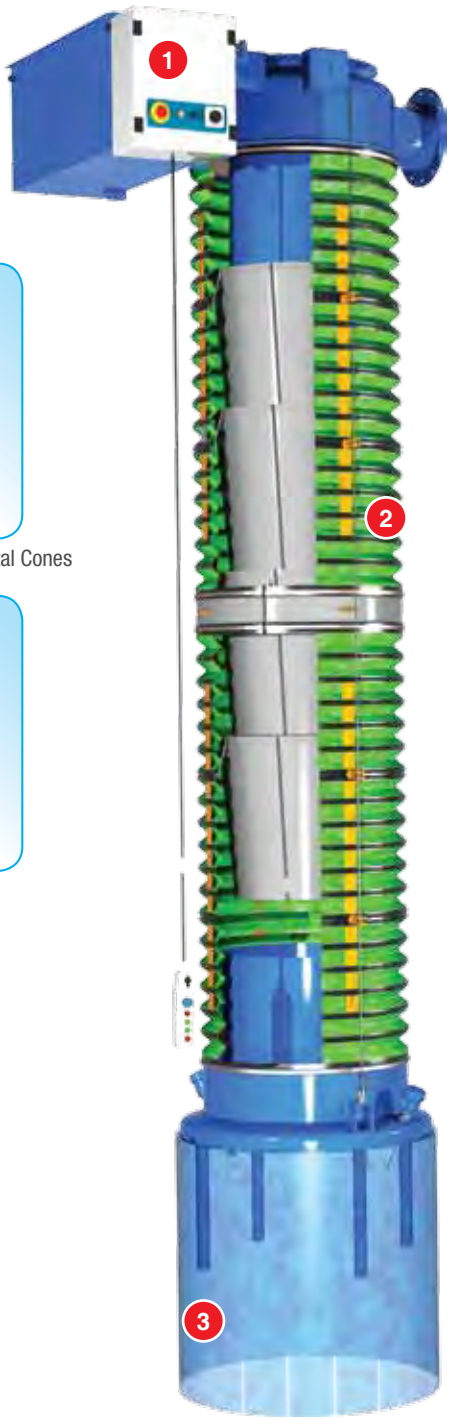
1 Drive Unit



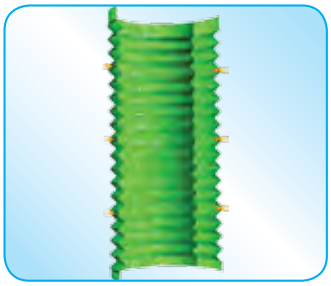
All moving parts protected from corrosion and shocks.

Two winding pulleys ensure stability and precision of extension and retraction movements.

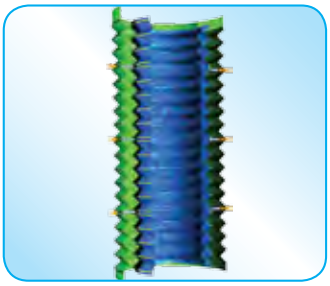
Upper/Lower position limit switches
Slack cable device limit switch.



2 Chute Modules



Single Bellows



Double Bellows

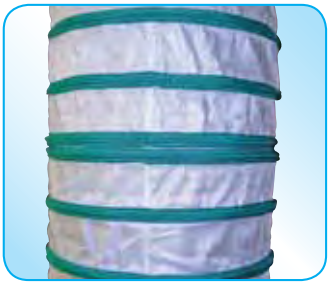


Single Bellows with Large Inner Metal Cones



Hypalon®-Neoprene Bellows

- Flexible Neoprene bellows coated with Hypalon® results in high resistance to atmospheric agents, abrasion and high temperature, making the loader highly durable.
- The reinforced stripes along the bellows hold the inner metal cones ensuring a strong fixing.



Food-grade Polyester Bellows

- Suitable to be in contact with food products
- Antistatic



Kevlar® Bellows

- Suitable for usage with high and low temperatures.

3 Bottom Outlet Dust Containing Skirt



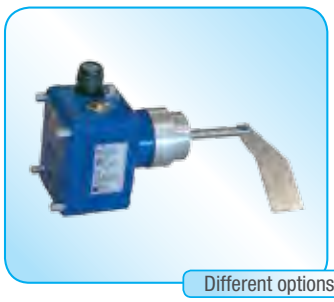
At the lower end of the loading bellows, a special Dust Containing Skirt sealing is provided for settling on the skip or pile to prevent spreading the dust in the environment.

A double level indicator is provided to ensure constant detection of the rising discharging material, allowing automatic raising of the bellows keeping the skirt always in contact with the piling material preventing dust to escape.

Accessories



- Electric Panel and Remote Control for automatic loading operation
- Wireless Remote Control with max. 100m operating distance.





Different options of Level Indicators



Electric motor vibrator installed at the bottom outlet to aid flow of difficult materials

Applications








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