



UNLOADING DEVICE

VZS 630

Unloading Device produced by TAURUS, s.r.o., Chrudim, is a machine designed for unloading difficult to pour materials (products) from containers and silos with cone discharge chute with diameter of 1.5 to 4.2 m into technological units for processing animal waste.

By gravity flow and with help of a worm arching crusher, the material is transported into the space of a cylindrical rotor that throws the material into the outlet by rotational motion.

The device is driven by a flange slip-on gearbox.

The device is not intended for dosing products!



Item	Unit	VZS 630
Basic dimensions		
- length	mm	783
- width		720
- height		906
Enclosure diameter	mm	630
Capacity *	t/h	up to 15
Rated supply voltage	V	230/400
Installed power	kW	3
Total Weight	kg	370

* This applies to meat-and-bone meal with specific density of approx. 0.6 kg.l^{-1} , H_2O content up to 8%, fat content up to 18%, and temperature up to 70°C.



Technical drawing of a container discharge chute, showing a side view and a top view of the rotor.

Side View Dimensions and Labels:

- Overall width: $\varnothing D$
- Chute height: min. 140
- Chute angle: MAX 40°
- Chute diameter: $\varnothing 220$
- Mounting dimensions: 194, $\varnothing 632$, $\varnothing 690$, 16x $\varnothing 12$, 15, 165, 140, 388, 741, 276, $\varnothing 203$
- Labels: Slide gate, Rotor, Electric gearbox, Enclosure with cover, Outlet, Worm arching crusher shaft, Container discharge chute

Top View Dimensions and Labels:

- Rotor diameter: $\varnothing 720$
- Rotor width: 364, 233
- Rotor angles: 22.5°, 11.25°, 108°
- Overall width: 782,5
- Detail view: 8x $\varnothing 10$, 262, 293, 393, 424