

NETZSCH NBE 200 Barrel Emptying Unit

NETZSCH

Completely empties barrels
with a pulsation free flow

NETZSCH Barrel Emptying Units actually pump their way through your products reaching the bottom of the barrel with less than 1% left in the container. The heart of the barrel emptying unit is a NEMO® progressing cavity pump which creates positive displacement, low pulsation flow to convey your product without damage. In fact, most products are only exposed to the friction loss through the discharge piping. The NETZSCH single slide rail system raises and lowers the follower plate safely while providing a simple and easy structure to clean.

NETZSCH NBE 200 Features

- Continuous or intermittent emptying
- No pressure or flow interruption
- Emptying of conical barrels
- Low pressure conditions in the entire system
- Continuously adjustable discharge capacity
- Dosing directly from the barrels possible
- Flow in direct proportion to pump speed
- Equipped with VSD for easy adjustment
- Simple, single-rail design

Your Benefits

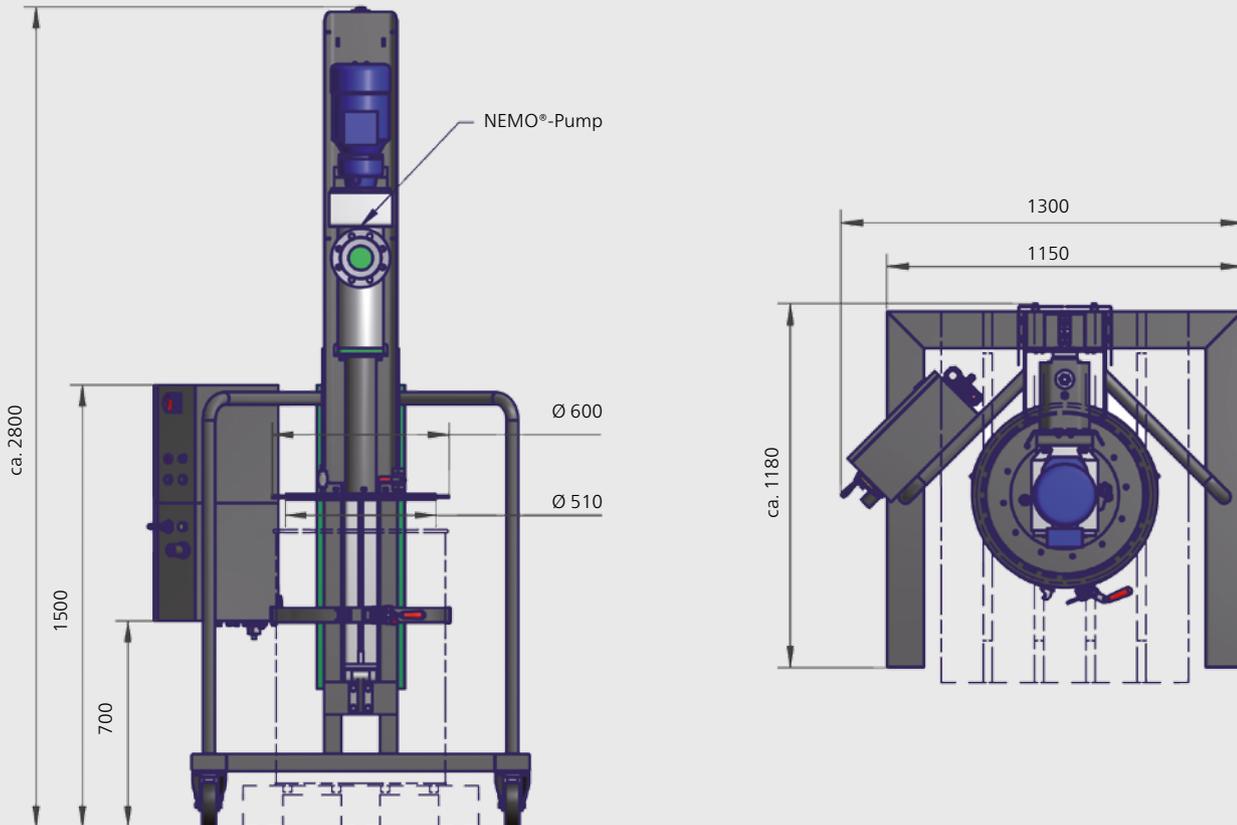
- Very smooth conveyance
- Low pulsation
- Significantly lower shear rate than any other pump technology
- Products with entrained solids are conveyed without product damage
- Flow is independent of temperature or viscosity
- Nearly complete discharge, residues < 1 %
- Maintenance friendly
- Low life cycle costs
- Stainless steel, easy-to-clean design



Applications

- Low to very high viscosity
- Non-Newtonian or thixotropic fluids and pastes
- Shear and pressure sensitive products
- Highly abrasive materials
- Pump can handle products up to 5 million cPs

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*all dimensions in mm

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|----------------------------------|---|
| Base frame | Stainless steel |
| Frame options | Fixed or mobile version |
| Material in contact with product | 1.4571 |
| Barrel sizes | 200 l standard, others on request |
| Wiping ring | NBR, EPDM, Viton, (FDA Grades available) |
| Flow rate | Up to 10 m ³ /h* |
| Pump | BY industrial pump, BH sanitary pump, sizes up to NM063 |
| Max. back pressure | Up to 290 psi/20 bar*, others on request |
| Control | Standard with VSD control Panel (IP 65) |
| Optional | PLC dosing control unit available |

*depending on product

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