

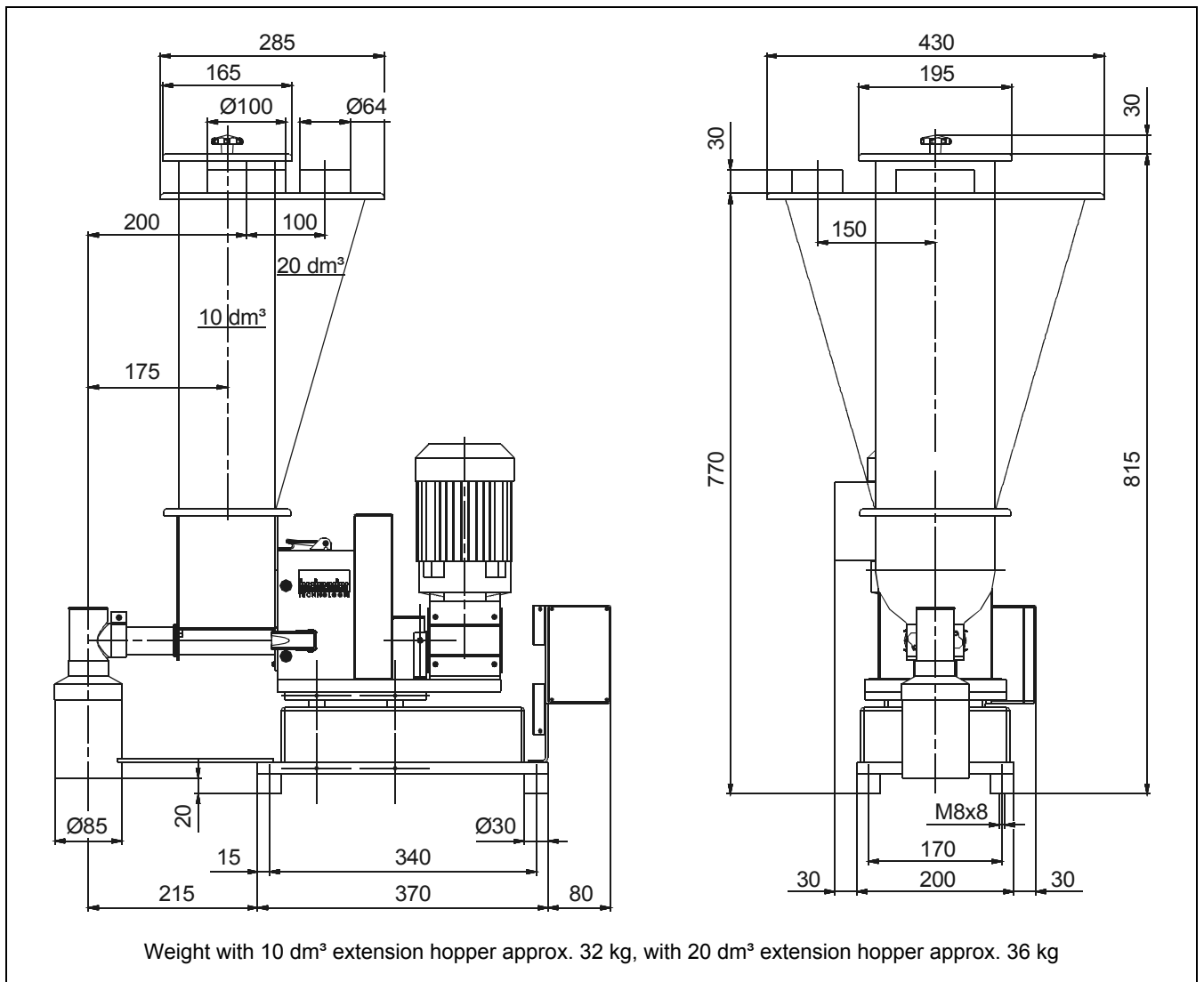
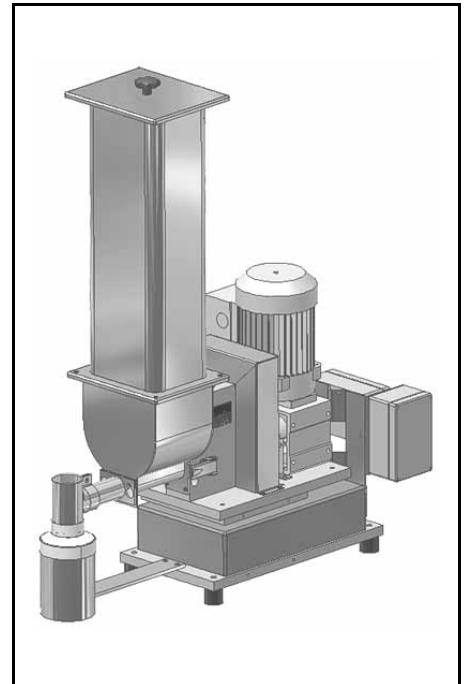
Brabender Loss-in-Weight Feeder Type DDW-MD2[3]-DSR28-10Q[20]

The Brabender Loss-in-Weight Feeder Type DDW-MD2[3]-DSR28-10Q[20] is the gravimetric version of the Brabender Screw Feeder Type DSR28. Its compact dimensions and low feed rates make it best suitable for laboratory operation and small-capacity production lines.

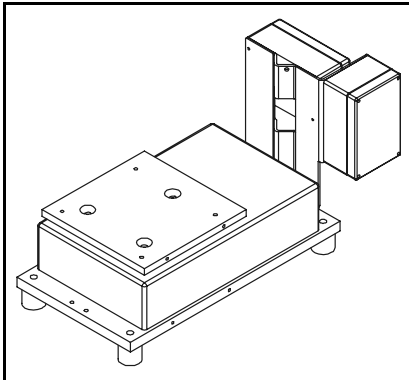
The little height and low centre of gravity permit to use a platform scale so that the feeding unit is freely accessible from all sides.

The Brabender Loss-in-Weight Feeder Type DDW-MD2[3]-DSR28-10Q[20] consists of a platform scale with integrated digital monobloc weighing module using the principle of two vibrating wires (DigiMASS-2), the Brabender Screw Feeder Type DSR28 as feed module and an extension hopper of 10 or 20 dm³ volume, depending

on refill method, feed rate and the required storage volume. All modules are fully mounted and internally wired to junction boxes. In conjunction with a feed controller from the Congrav[®] microcomputer line or with feeder-mounted control and speed control modules "ISC" for the Brabender SCC Field Bus System they form a high-tech gravimetric feeder for utmost feeding accuracy. All parts in touch with the ingredient are made of stainless steel. The unit conforms to CE directives.



Technical Data*



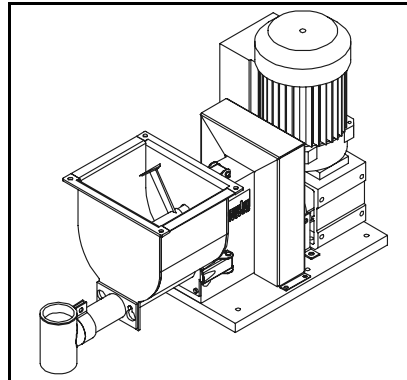
Scale

- Platform scale type MD2 or MD3 (depending on bulk density, feed rate and required storage volume)
- Built-in monobloc weighing module DigiMASS-2 with two vibrating wires using the principle of measurement by comparison of masses
- Junction boxes

Weighing ranges:

- 8 kg (MD2) or 23 kg (MD3) net with 10 dm³ extension hopper
- 4 kg (MD2) or 19 kg (MD3) net with 20 dm³ extension hopper

Further information: Brochure "DigiMASS-2 - Digital load cell with two vibrating wires"

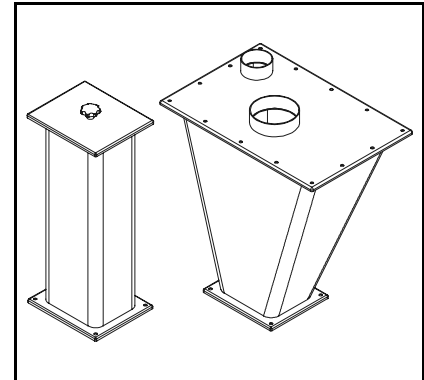


Feed Module

- Brabender Screw Feeder Type DSR28
- Frequency-controlled three-phase current motor
- Hopper agitator (driven via gearing)
- Parts in contact with the ingredient SS 1.4301 (≈ AISI 304)

Max. theor. feed rate (assuming 100% screw filling; depending on ingredient flowability the actual rate may decrease down to 50 %): 295 dm³/hr (spiral screw S 28/35)

Further information: Works Standard "Brabender Screw Feeder Type DSR28"



Extension Hoppers

- Rectangular hopper type 10Q with vertical walls for optimum ingredient flow
- Conical hopper for higher storage volume
- SS 1.4301 (≈ AISI 304)

Hopper volumes (suited to feed rate range):

- Rectangular hopper: 10 dm³
- Conical hopper: 20 dm³

Further information: Works Standard "Brabender Screw Feeder Type DSR28"

Accessories / Options

- Downspout
- Exchange screws and tubes
- Hopper cover with handle
- Safety grid for hopper
- Hopper cover with inlet pipe
- Mass plate etc.

Special Designs

- Explosion-proof design
- Pressure-compensated design
- Version without scale for volumetric feeding (see Works Standard "Brabender Screw Feeder Type DSR28")

Control Modules

Congrav[®] controller and frequency converter FC-V1.1 or Congrav[®] operating unit and feeder-mounted control and speed control modules "ISC" for Brabender SCC Field Bus System (see acc. Works Standards)

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TECHNOLOGIE

An ISO 9001/EN 29001 Certified Company

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