



Centrifugal Sieve
DMHX.

For control sifting and screening of **semi-finished and end products.**



Application

The DMHX centrifugal sieve has been designed for control sifting of semi-finished and end products and for separating foreign material, husks and lumps from mealy or granular products. It is applied in the feed, pet food, and oilseed processing industries as well as in related processes.

In addition, the following machine options are available:

- Aspiration system
- Product inlet
- Product outlet



Operating principle

The material is directed through the front-end inlet duct to the screen jacket. While gradually conveying the material toward the outlet, the rotor hurls the product against the screen jacket. As a result, small product lumps are detached. Brushes attached to the rotor clean the screen, which improves the separating efficiency. In order to support screen cleaning and to increase the throughput capacity, the machine must be aspirated.

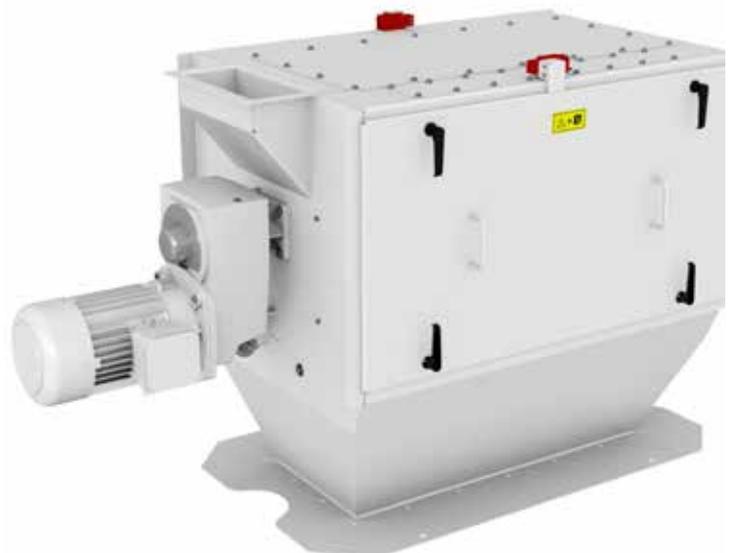
Customer benefits

- High operator safety thanks to key transfer system
- Easy cleaning and access thanks to quick-action locks on side doors and screens
- Sanitary design with round edges and smooth surfaces

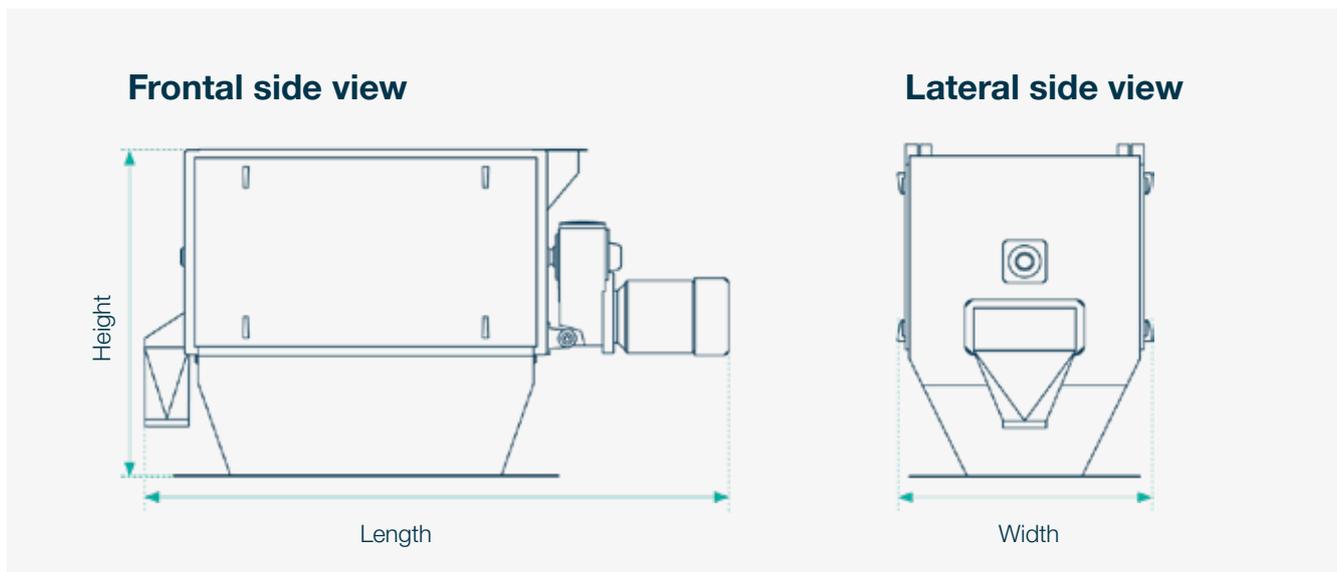


Design versions

The centrifugal sieve is available in two different sizes, as DMHX-2 and DMHX-4. The machine is powered by a shaft-mounted gearmotor. Depending on the specific application, perforated metal screens or wire mesh screens in different sizes can be used.



Machine data.



Dimensions and weights

Type	Dimensions			Power	
	Height	Length	Width	Machine without motor	Motors
DMHX-2	1200	2100	900	350	7.5 11
DMHX-4	1500	2800	1400	700	15 18.5 22

Technical data

Type	Aspiration	Screen area	Perforated metal screen			Wire mesh screen		
			Throughput	Motor	Screens	Throughput	Motor	Screens
	m ³ / min	dm ²	m ³ / h	kw	mm	m ³ / h	kw	mm
DMHX-2	10	121	max. 100	7.5 11	D 2.0 ... 20	max. 100	7.5 11	1.25 ... 5.0
DMHX-4	20	278	max. 120	15 18.5	D 2.0 ... 20	max. 130	15 22	1.25 ... 5.0

Bühler AG

CH-9240 Uzwil, Switzerland
T +41 71 955 11 11
F +41 71 955 28 96
www.buhlergroup.com

DMHX brochure en 0323 Z&B 232143