

# HORIZONTAL VIBRO SIFTER

The horizontal vibro sifter „VLVE“ is used to sift non-freeflowing and sticky products. The machine also ensures that flour particles adhering to the bran are efficiently separated.



## FUNCTION

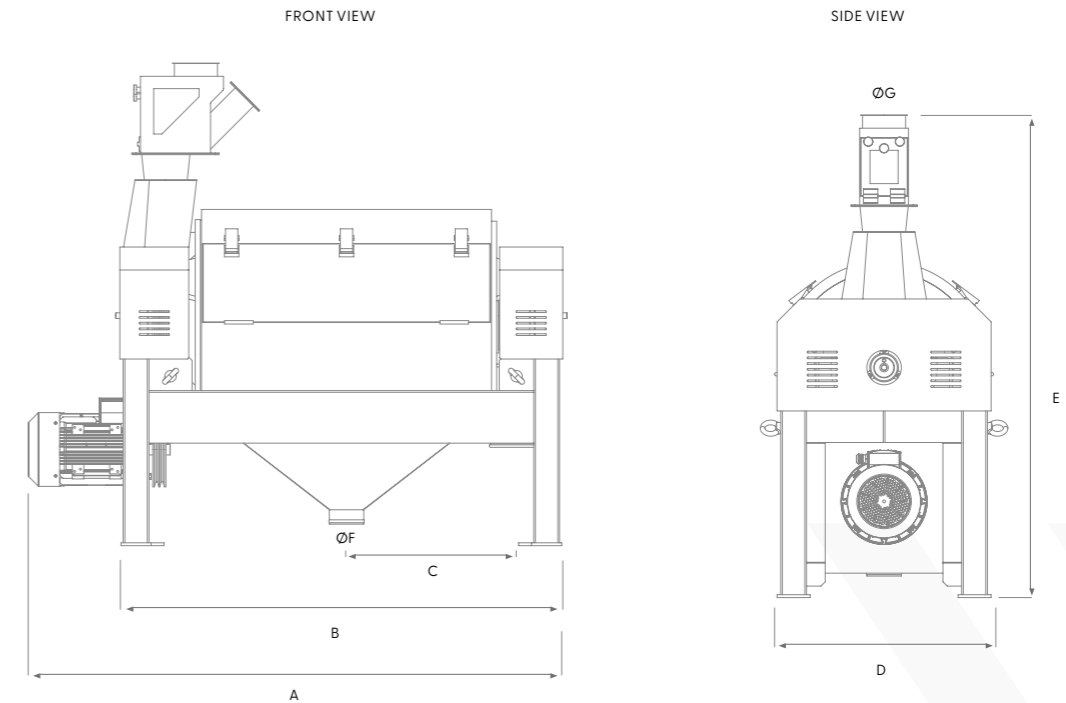
The product enters the machine free falling from above and is conveyed into the sifting compartment by a short screw conveyor. A rapidly turning rotor throws the product against the horizontal, cylindrical sieve, where coarse and fine components are separated. The fine product leaves the machine in the middle, the coarse product travels through the machine to the opposite end. The eccentric bearing of the sieve also causes it to vibrate, which supports the sifting process and keeps the sieve openings free.

## FEATURES

- > Screening and breaking up of agglomerates in one operation
- > Efficient separation of bran and adhering flour particles
- > Fast screen changing and easy maintenance thanks to two large maintenance doors
- > Suitable for use in potentially explosive areas (inside/outside)

## OPTIONS

- > Different sieve sizes
- > Bearing temperature monitoring
- > Rotation speed monitoring
- > Splited sieve with different mesh sizes and additional outlet for separating the fine product
- > Custom painting (standard: RAL9003/ RAL3003)



## TECHNICAL DATA

Type	Capacity <sup>1</sup> [t/h]	Motor Power [kW]	Aspiration <sup>2</sup> [m³/min]	Weight [kg]		Volume [m³]
				Net	Gross	
VLVE-45/100	0,60	5,5	3	680	780	1,8
VLVE-45/120	0,85	7,5	6	750	850	2,5

<sup>1</sup> Capacities are non-binding values, which are based on wheat-flour (0.55 kg/dm³).

The Capacity may vary depending on product, humidity, mesh opening and environmental conditions.

<sup>2</sup> Aspiration by pneumatic suction of the fine particles or by connecting the outlet of fine particles to a central aspiration system using a fork piece.

## DIMENSIONS (MM)

Type	A	B	C	D	E	ØF	ØG
VLVE-45/100	1.865	1.545	598	765	1.690	120	150
VLVE-45/120	2.195	1.795	723	765	1.850		