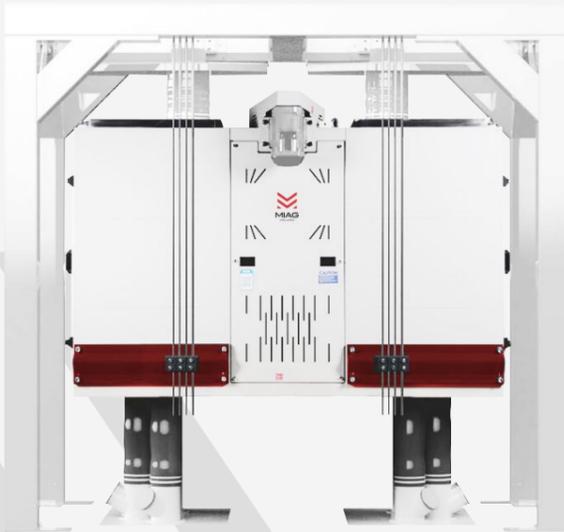##)((VZPE

DUO SIFTER

The duo sifter „VZPE" is used to sift and sort granular and powdery products based on particle size. It can be used as a control plansifter with two end fractions or for sifting products into several end fractions.
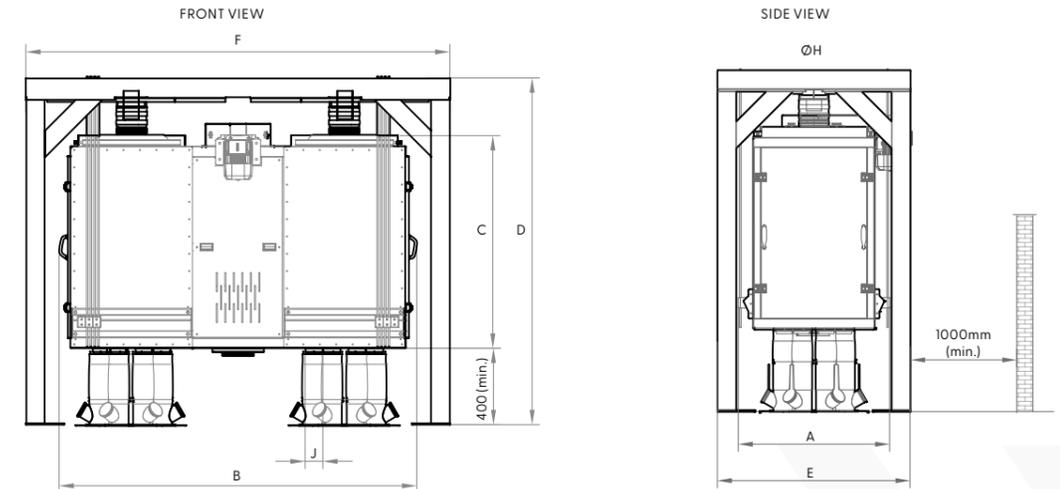
FUNCTION

The product enters the machine through the round inlets and is evenly distributed on the top sieve. Due to the force of gravity and the swinging movement of the machine, the product slowly flows down over the various sieve levels and is guided to the correct outlets by an intelligent product guide inside the machine. Then, the different products leave the machine through a variable number of outlets. Different sieve sizes, the number of sieves and the adapted product guidance inside enable variable adaptation to the most diverse sorting tasks and products.

FEATURES

❯ Sturdy and durable construction, including the base frame for floor installation
❯ Construction made of vibration-resistant special carbon steel
❯ Good ventilation of the sieve compartments through air-permeable inlets and outlets
❯ Even product distribution on the top sieve thanks to a special product distributor
❯ Up to 12 sieves per compartment
❯ Maximum flexibility in execution
❯ Sieve boxes made of coated wood or plastic, insert frames made of aluminium
❯ Smooth surfaces
❯ Easy to clean thanks to quick removal of the sieve stack
❯ Suitable for use in potentially explosive areas (inside/outside)

OPTIONS

❯ Each machine is individually adapted to the requirements (number of sieves, sieve sizes, screen mesh, product guidance)
❯ Product touching parts in stainless steel
❯ Plastic sieve boxes
❯ Swing width and level monitoring
❯ Bearing temperature monitoring
❯ Outlet monitoring with light barrier
❯ Custom painting (standard: RAL9003/ RAL3003)

FRONT VIEW

SIDE VIEW

1000mm (min.)

TECHNICAL DATA

Type	Motor Capacity [kW]	Amplitude [mm]	Inlets	N° Sieves	Net-Siftarea [m²]	Mesh Opening [µm]	Capacity [1] [t/h]	Weight [kg] Net	Weight [kg] Gross	Volume [m³]
VZPE-85/24	2,2	60-65	2 – 4	2 x 12	12 (2 x 6)	200	6	1.650	1.850	12
						250	9			
						280	10			
						355	13			
						612	16			
						750	21			

1 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.

DIMENSIONS (MM)

Type	A	B	C	D	E	F	G	ØH	ØJ
VZPE-85/24	1.200	2.675	1.660	2.500	1.525	3.300	1.660	120 150	100 120 150

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