

Flat Screen



From Malt to Mash

Malt intake | Silo plants | Conveying equipment | Flat screens | Destoners | Scales | Dust-removal devices | Malt humidification worms | Grist mills | Pre-mashing screws | Complete plants



The start of your production cycle:
with plants from the specialist.

Fields of application

The Künzel flat screen has been designed for perfect product cleaning. In cereals cleaning, silo and final cleaning in malt houses, breweries and mills and the controlled sorting of floury, dense medium and granular products in the chemical industry and for chemical engineering.

Working performance

The product to be cleaned enters the dust tight screen case, where the horizontally rotating movement of the screen separates the coarse and fine particles from the product, which are removed through lateral outlets.

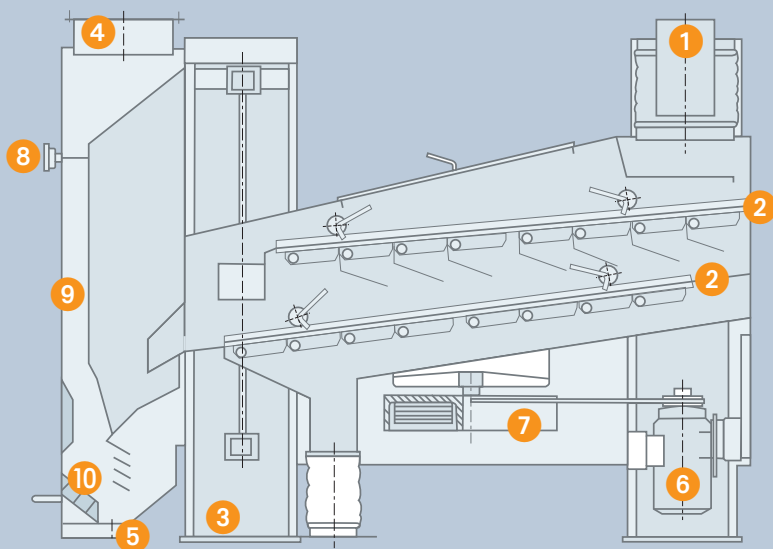
An aspiration duct then separates the light particles from the product once more, with any metal pieces being removed by a permanent magnet at the outlet.

Construction

The machine itself is fabricated from steel. The screen case, with its two screen layers are freely suspended by rods. Cleaning is achieved by an approved system using rubber balls. The machine has been designed to meet the relevant regulations in respect to accident prevention.

Advantages

- high efficiency and small dimensions
- absolutely careful cleaning process
- dust free performance
- vibrationless running
- low power consumption
- low maintenance & easy to use



- 1 intake
- 2 screen layers with rubber ball cleaning
- 3 outlet of separated particles
- 4 aspiration connection
- 5 discharge of the cleaned product
- 6 driving motor
- 7 belt pulley with unbalance
- 8 regulation of air
- 9 aspiration duct
- 10 permanent magnet

type no.	capacity kg/h	motor kW	air cons. m ³ /min	machine dimensions (mm)			screens		weight kg
				length	width	height	width	length	
P 2052	5,000	0.75	25	1,750	1,210	1,350	500	1,200	500
P 2072	7,500	0.75	40	1,750	1,460	1,350	750	1,200	570
P 2102	10,000	0.75	60	1,750	1,710	1,350	1,000	1,200	650
P 2108	15,000	1.5	60	2,730	1,670	1,450	1,000	1,800	780
P 2158	22,500	1.5	90	2,750	2,170	1,450	1,500	1,800	1,000



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