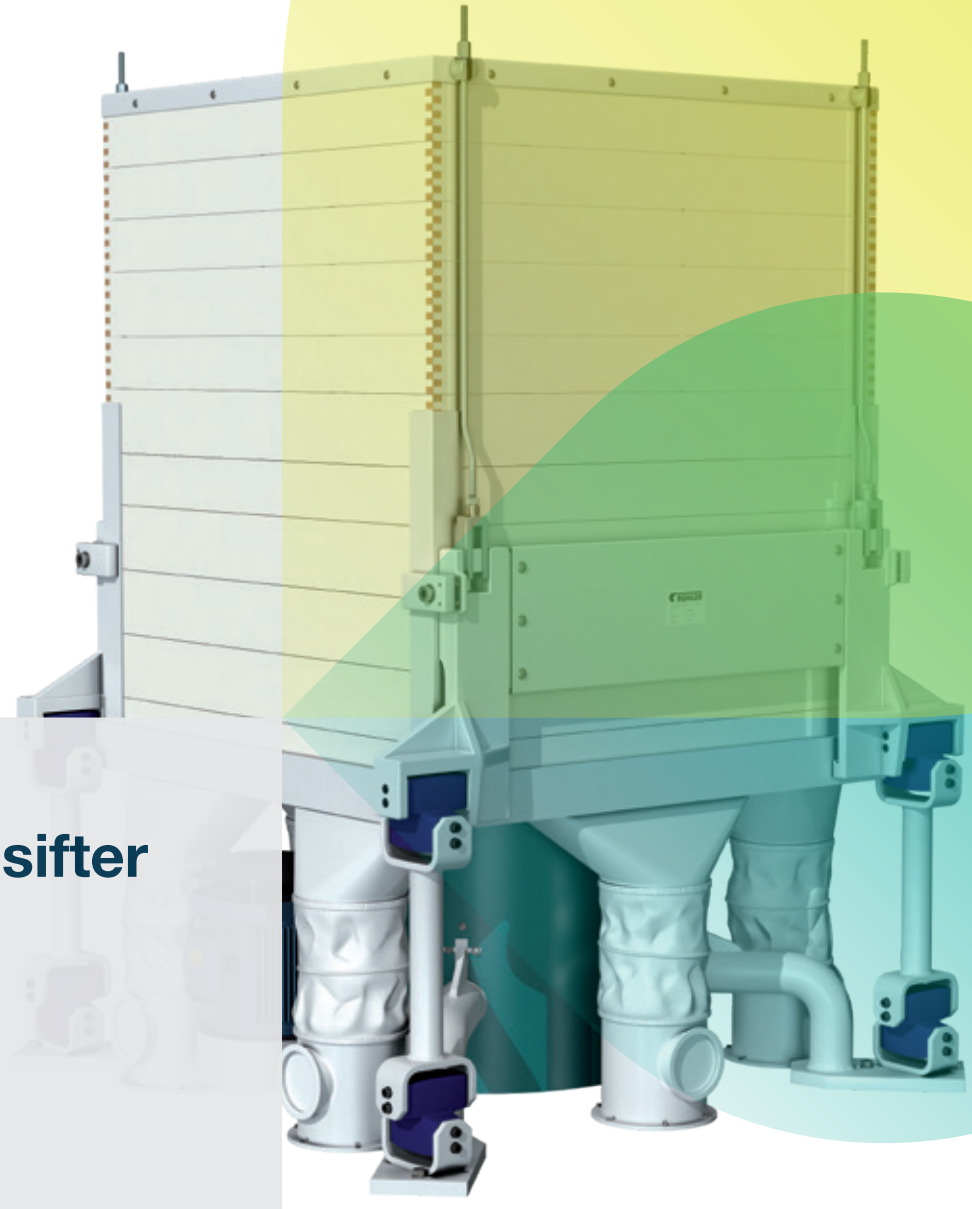


Rotostar small plansifter MPAR.

Innovations for a **better world.**

BÜHLER

High throughput capacity with small footprint.

Rotostar small plansifter MPAR is small-sized and easy to use – and can thus be installed even when space is highly restricted. Despite its compact design, this sifter achieves high throughput capacities with a small footprint.

Application.

Rotostar small plansifter MPAR is applied for sieving and grading powdered and granulated products. In the field of grain milling, its main application is for control sifting of the main flours in the mill or ahead of the bagging line. Different sieve frames can be combined to form different flow diagrams, which are suitable for fractionating a wide variety of products.

Practice-oriented design for ease of maintenance.

Thanks to its carefully thought-out design, the times required for maintenance and cleaning of the MPAR are minimized. Both the sieve pack and the drive are accessible from all sides, making maintenance and cleaning substantially easier. The absolutely tight sieve stacks prevent cross-contamination of the products sifted.

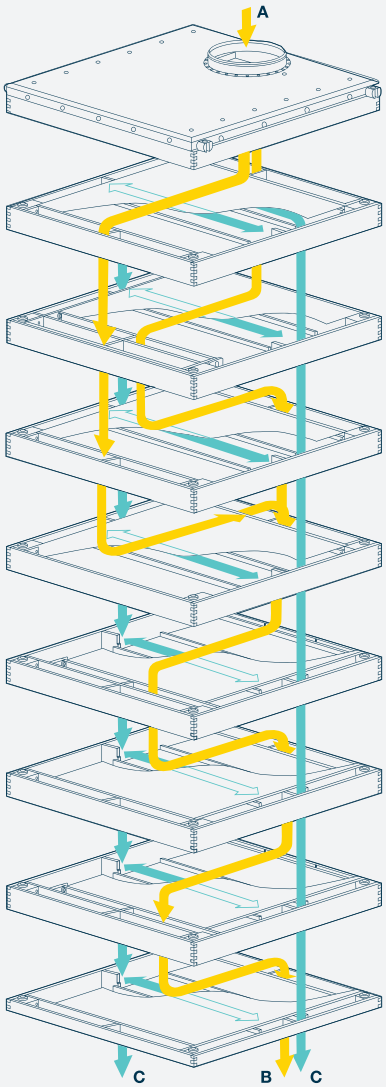
Benefits

– High throughput capacity

– Excellent flexibility

– Minimized maintenance and cleaning times

A = inlet
B = overs
C = throughs

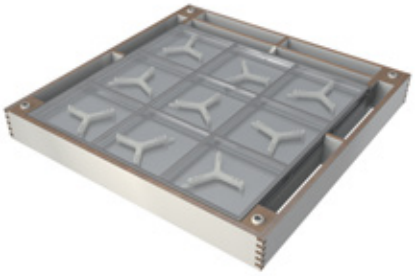


The number of sieves, the flow diagram, the stroke, and the number of fractions can be varied. Depending on the specific application and product volume, 4 to 10 sieves with 2 to 6 fractions are possible.

High flexibility thanks to different sieve frames.

Version HK (wood, coated with plastic)
Outside frames and frame inserts:
wood, coated with plastic
Suitable for standard grain milling applications.
The surfaces in contact with the product are smooth and pore-free. The HK sieve stack offers good wear protection for floury and semolina-like products.

Version M (metal)
Outside frames and frame inserts: aluminum
Suitable for sifting highly abrasive products.
The version M is distinguished by its lightweight design and absolutely distortion-free construction.



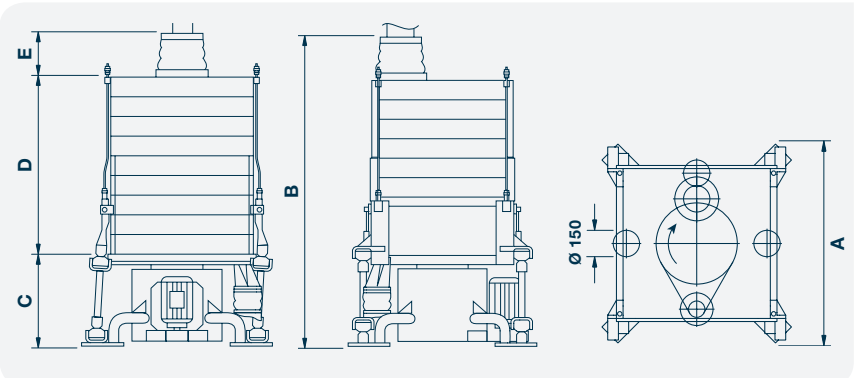
Version Nova (high-capacity sieve frames)
Outside frames: wood, coated with plastic
Frame inserts: aluminum
Suitable for standard applications with high throughput rates.
In addition to its higher throughput, the Nova sieve frame is distinguished by its enhanced product safety. The sieves are glued on, ruling out the risk of metallic clamps being included in the end product.

Technical data.

	Sifter		Motor	Weight in kg (without motor)			Volume
	Number of separations	Number of sieves	kW	net	gross	sea packing	m^3
MPAR-HK	2–6	4–9	0.75	465–515	575–635	630–700	2.0–2.4
MPAR-M	2–6	4–8	0.75	465–505	575–625	630–690	2.0–2.4
MPAR-Nova	2–3	6–10	1.10	465–530	575–650	630–715	2.0–2.4

Approximate throughput capacities*.

	Sieve fabric		Number of sieves, throughput capacity [t/h]				
	Mesh width, microns [mm]		6	7	8	9	10
Mill Final flour sifter	200 (0.2)	HK/M	3.2	3.6	4.0	4.0	–
	200 (0.2)	Nova	3.6	4.0	4.4	4.8	5.2
	250 (0.25)	HK/M	3.6	4.0	4.4	4.8	–
	250 (0.25)	Nova	4.4	4.8	5.6	6.0	6.8
Flour silo Flour checking	250 (0.25)	Nova	5.5	6.0	7.0	7.5	8.5
	500 (0.50)	HK/M	7.5	8.0	8.5	8.5	–
	500 (0.50)	Nova	8.0	8.5	9.0	9.0	10.5
	670 (0.67)	all	8.5	9.0	9.5	9.5	–



Dimensions in mm.

	A	B (max.)	C	D (max.)	E
HK	1152	1555	515	790	250
M	1152	1795	515	1030	250
Nova	1152	1745	515	980	250

*For bakery flours, flour types 450–650, 13.5 - 14.5 % H2O. Throughput rate dependent upon type of application, product, and sieve cover.

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Bühler AG

CH-9240 Uzwil
Switzerland

T +41 71 955 11 11
F +41 71 955 66 11

milling@buhlergroup.com
buhlergroup.com