



**Plansifter Sirius.
MPAK.**

Innovations for a **better world.**

BÜHLER

High sifting capacity. First-class end products.

The Sirius plansifter is designed for the sifting and grading of mealy and floury products in wheat, rye, maize (corn), and durum mills, as well as for the sorting of different granular products and free-flowing granulates.

High sifting capacity.

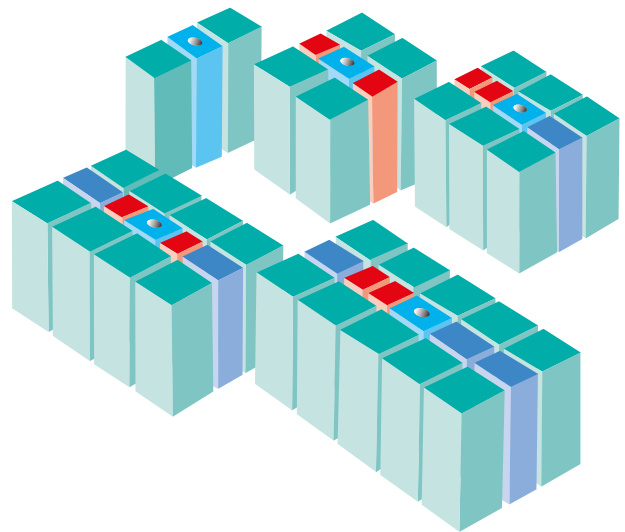
The high dynamic acceleration improves the sifting action. The high sifting efficiency allows milling capacities up to 180 metric tons per day using a single 10-compartment plansifter.

Excellent hygiene.

All the inside walls as well as the doors are fitted with high-grade insulation, which prevents condensation. All components in contact with the product are made of stainless steel or synthetic material. Using stainless steel and eliminating screw fasteners in the individual compartments ensures high and reliable product safety. The patented, automatic reclamping system with its integrated clamping force checking device ensures that the sieve stack will remain permanently clamped with a constant force, thereby preventing product cross-contamination and the escape of dust.

Easy maintenance.

Thanks to a consistent insulation concept, sifting sections made entirely from rust-free materials and the development of the tried-and-tested NOVA sifting technology, cleaning and servicing work has been cut by 30%. At the same time, the machine needs to be maintained less often thanks to the drive concept and special bearing lubrication.



Modular concept.

The flexible concept allows the number of modules to be adapted as required, from 2 to 10-part plansifters. The sifter is easy to assemble and can, if the spatial conditions are limited, can be transported in small modules measuring 90 x 90 cm, thereby simplifying the installation process.

Advantages.

- High sifting capacity
- Excellent sanitation
- Easy maintenance
- Modular concept



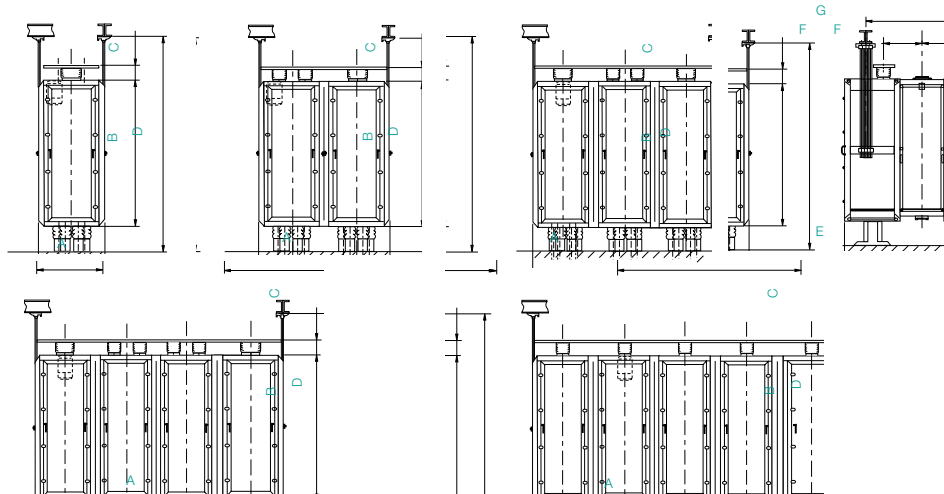
Flexibility thanks to modularity.

Optimal space utilization.

Technical data:

	MPAK-222-232	MPAK-422-432	MPAK-622-632	MPAK-822-832	MPAK-1022-1032
No. of sieve components	2	4	6	8	10
No. of sieves per section	22 – 32	22 – 32	22 – 32	22 – 32	22 – 32
Net sieve area					
Sieve type N*	16.5	33.0	49.5	66.0	82.5
Sieve type B*	20.2	40.4	60.6	80.8	101
Approx. weights					
net	2085	3490	4585	5870	6950
gross	2300	4000	5500	6800	8200
by sea	2500	4200	6100	7500	9200
Volume sea-packed					
	13.0	19.8	32.4	41.0	52.9
Product temperature conditions °C For continuous operation	50	50	50	50	50
Maximum value	60	60	60	60	60
Dimensions					
	mm				
A	1079	1978	2877	3776	4675
B	2375	2375	2375	2375	2375
C	280	280	280	280	280
D min.	3400	3400	3400	3400	3400
D max.	5470	5470	5470	5470	5470
E	2600	2600	2600	2600	2600
F	660	660	660	660	660
G	1900	1900	1900	1900	1900

* N = normal / B = wide



NOVAPUR sieve stack.

For maximum sifting efficiency.



Sieve stack with sieve material.

NOVAPUR sieve stacks deliver outstanding sifting efficiency, superlative hygiene, and resistance to wear. The sifting frames are made from high-quality polyurethane and are cast from a single piece. Detachable parts in the product area are therefore excluded. The NOVAPRIME sieve material is stretched over an inlay frame made from stainless steel and ensures maximum sifting performance and superlative sanitation. The optimized shape of the sieve frame also guarantees easy cleaning.

Advantages.

- Maximum food safety
- Optimum sifting efficiency
- Easy cleaning thanks to optimized shape
- High resistance to wear
- No wood and no detachable parts in the product area

NOVABLUE sieve cleaner.

Maximum product safety and sanitation.



The brushless cleaner.

NOVABLUE represents clean sieve materials, long service life, maximum product quality and the highest standard of food safety. The striking color and the material properties allow both visual and magnetic detection in the end product. Thanks to NOVABLUE, brush cleaners can be dispensed with entirely – and therefore the risk of getting bristles in the end product is eliminated.

Advantages.

- Top sanitation
- Best product quality
- Long service life

NOVATENS sieve tensioning device.

Uniform tensioning of sieve fabric.

NOVATENS is a pneumatic sieve tensioning device for the stretching of inlay frames in plansifters and purifiers. Its high and even tensioning force means that the best sieve tensioning results can be achieved.

Easy operation.

The NOVATENS sieve tensioning device is easy to use. Short training is enough to operate the sieve tensioning device. In addition, the tensioning device requires minimal maintenance and spare parts are easy to replace.

Uniform tensioning.

The stable design of the NOVATENS ensures uniform tensioning of sieves. This is due to its synchronized pneumatic cylinders and the rigid construction of the clamp guide.

Broad spectrum of applications.

NOVATENS is a professional sieve tensioning device for plansifters, purifiers and other sieving and screening equipment. NOVATENS is suitable for a wide range of sieve fabrics, including nylon, polyester, and metal.



Advantages.

- Easy to operate
- Uniform tensioning
- Broad spectrum of applications

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