Plansifter Sirius.

MPAK.
High sifting capacity.

First-class end products.

Application.

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.

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.

Features:

- Wide range of applications with 2, 4, 6, 8, and 10 compartments
- Up to 32 sieves per compartment
- 16 – 110 m² net sieve area
- High sifting capacity in a minimum space
- Excellent sifting efficiency thanks to high dynamic acceleration
- Excellent sanitation
- Easy access for cleaning
- Minimized maintenance thanks to extreme ease of handling
Excellent sanitation.
High product safety.

Sanitation.
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.

Features:
- High sifting capacity
- Compartments in stainless steel
- Excellent sanitation
- Modular concept
- Minimum maintenance
Flexibility thanks to modularity.
Optimal space utilization.

The plansifter Sirius is available with 2, 4, 6, 8, and 10 compartments – the smart solution for optimal space utilization.

Modularity.

The modular concept offers a wide range of available capacities, from the family’s smallest – the handy 2-compartment – to the compact 4, 6, 8 or 10-compartment plansifters offering a solution tailored to individual needs. The modular concept allows the number of modules to be adjusted as required even at a later date. The plansifter is easy to install and may, if dictated by the available space, be shipped in the form of small modules of 90 by 90 centimeters, which is very beneficial if the plansifter is installed in tight building spaces.
NOVAPUR sieve generation.
High food safety and sifting efficiency.

Maximized food safety.

NOVAPUR sieve stacks deliver outstanding sifting efficiency, superlative hygiene, and resistance to wear. The sieve frames are made from high-quality polyurethane and cast in a single piece, ensuring no parts can be lost in the product area. The NOVAPRIME sieve material is stretched over an inlay frame made from stainless steel and ensures maximum sifting performance and superior sanitation. The optimized shape of the sieve frame guarantees easy cleaning.

Features:
- Superior food safety
- Optimized sifting efficiency with NOVAPRIME sieve material and NOVA sieve cleaners
- Easy cleaning thanks to optimized shape
- High resistance to wear
- No wood or parts that can be lost in the product area thanks to cast PUR sieve frame
Easy maintenance.
Highest reliability.

Maintenance.

The Sirius plansifter has proven its worth in everyday service in the field. The results are ground-breaking:

Cleaning and service requirements were reduced by up to 30%. This has been made possible by a systematically implemented insulation concept, the consistent use of stainless sifter compartments, and the further development of the tried-and-tested NOVA sieve technology.

At the same time, the maintenance intervals have also been increased considerably. This success has been made possible by the new drive concept, the Poly-V drive belts, and the special bearing lubrication system.
Wide range of applications.
The modular concept.

Technical data:

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* N = normal / B = wide