High sifting capacity.
First-class end products.

The most recent generation of plansifters is yet another example of the technological expertise and development know-how of Buhler.

**Features**
- Wide range of applications with 2, 4, 6, 8, and 10 compartments
- Up to 32 sieves per compartment
- 16 to 110 square meters net sieve area, depending on the particular model and size
- High sifting capacity in a minimum space
- Excellent sifting efficiency thanks to higher dynamic acceleration
- High sanitation; all inside walls and doors provided with high-grade insulation
- Easy access for cleaning
- Minimized maintenance thanks to extreme ease of handling

**Application**
The square plansifter has been 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 freeflowing granulates.

**Sifting capacity**
The higher dynamic acceleration improves the sifting action. The high sifting efficiency allows milling capacities up to 180 metric tons daily using a single 10-compartment plansifter.
Sanitation

All the inside walls as well as the doors are provided with high-grade insulation, which prevents condensation. All components in contact with the product are consistently 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.
Modularity
Available capacities cover a wide range, from the family's smallest – the handy 2-compartment – to the compact 4-, 6-, 8-, or 10-compartment sifters offering a solution tailored to the individual specific 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.
Sieve generation NOVA.
Excellent sifting efficiency.

The Sirius square plansifter offers top performance thanks to the NOVA sieve generation. The NOVA sieve generation is distinguished by its outstanding sifting efficiency, thanks to its metal sieve frame inserts and the combined sieve cleaners.

**Features**
- Higher sieve capacity with low space requirement
- Combined NOVA cleaners for the sieve covers and the sieve bottoms
- Sieve frames of wood coated with synthetic resin, without backwire
- Wear-resistant metal frame inserts
- Sieve covers glued to metal sieve frame inserts
- Direct access to the cleaners without requiring tools
- Minimum sieve cleaning requirement

- More sifting area
- Efficient sieve cleaning
- Constant sifting capacity
- Optimal control
Easy maintenance.
Highest reliability.

Maintenance
The new plansifter Sirius has proven its worth in tough everyday service in the field. The results achieved are impressive with drastically reduced cleaning and service requirements 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.

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<th>A</th>
<th>B</th>
<th>C</th>
<th>D min.</th>
<th>D max.</th>
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Technical data

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<th>Nº of sieve comp.</th>
<th>Nº of sieves per comp.</th>
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<th>Approx. weights in kg</th>
<th>Volume seapack. m³</th>
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* N = normal / B = wide