

PLAN SIFTER

PLANSIFTER FS 3000

The ENGSKO plansifter is a necessity in the process of cereal grain milling.

APPLICATION

The ENGSKO plansifter for sifting and separating grits into different sizes. The plansifter can also be used for sifting materials in other industries.

OPERATION

The sifter operates similarly to the hand operated sieve. The product is fed through the opening in the board to the inlet sleeve, and passes through subsequent stack frames to be sized into fractions. Individual fractions are let out through sieve box channels to the lower frame and further to outlet sleeves and stub pipes. From here the product is led to further processing or for bagging off.

Depending on the milling requirements, the frame stack may be equipped in various throughput variants or numbers (7/12), which should be defined when ordering.

CONSTRUCTION

The plan sifter consists of:

- Drive system, i.e. the shaft with bearings and counterbalance, V-belt transmission and motor
- Suspension system to mount the sifter either to the ceiling or to the free-standing support frame
- Sifting frames made from laminated wood
- Using SEFAR screen material



PLAN SIFTER FS 3000

ADVANTAGES

- Excellent sifting results due to the use of adequate self cleaning elements
- Large sifting surface and capacity with low power consumption and small space requirements
- Simple creation of new configurations by turning or transposing the frames
- Reliable and simple drive system
- Easy operation

SPECIFICATIONS

| | |
|------------------------------------|-------------------|
| Power required | 1.5 KW 1000 RPM |
| Max input capacity 7 frames, kg/h | 3.000 |
| Max input capacity 12 frames, kg/h | 5.000 |
| Number of frames | 7 or 12 |