

FS 2000

PLANSIFTER

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

APPLICATION

The ENGSKO plansifter is used in mills as a control sifter for flour, as the milling passage sifter in flour mills or 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, which should be defined by ordering / before delivery.

CONSTRUCTION

The plan sifter consists of:

- Drive system, i.e. the shaft with bearings and counterbalance, Vbelt 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 stacked in layers of 4 and 8.



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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.

TECHNICAL DATA										
Model	Cap. wheat flour passage	Sections	Frames per section	Net sifting surface	Moter power kw	Frame dimensions	Overall Dimensions (mm)			Net weight kg
							A	B	H	
14	0.5	1	4	1.4	0,55	640 x 640	1442	2800	1436	270
14A	0.5	1	4	1.4	0,55	640 x 640	1442	2800	1450	460
18	1.0	1	8	2.8	0,75	640 x 640	1892	2800	1884	300
18A	1.0	1	8	2.8	0,75	640 x 640	1892	2800	1900	510
24	1.0	2	4	2.8	0,75	640 x 640	1442	2800	1436	315
24A	1.0	2	4	2.8	0,75	640 x 640	1442	2800	1450	320
28	2.0	2	8	5.6	1,5	640 x 640	1892	2800	1884	375
28A	2.0	2	8	5.6	1,5	640 x 640	1892	2800	1900	590