

High-Capacity Square Plansifter PLS

for the classification of cereals, primarily
separation in milled rice fractions



Typ PLS 1+1-X



Typ PLS 1-X



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Description The plansifter virtually comprises the steel structure, which carries the free-swinging screen box supported by suitable suspension rods. A centrifugal weight actuated via electric motor with V-belt drive provides for the circular movement of the screen box.

Textile sleeves ensure flexible connection between the stationary steel structure and the firmly integrated inlet and outlet boards. Pull rings are provided to fasten the sleeves to the inlet and outlet spouts. The screen mesh is determined on the basis of the diagram.

Function The product to be classified enters the plansifter via the inlet board and the flexible textile sleeves. Screen frames covered with suitably selected screens receive the product which is uniformly distributed in the machine inlet over one or several screens for pre-classification. The tailings either pass through further screens or drop into the discharge compartment. The same applies to the throughs from the pre-classification screens, which are subjected to screening until the desired fractionating will have been achieved. The various fractions are collected and guided through corresponding channels to the outlet board.

Scope of delivery

Type*	Screen (m ²)	Motor (kW)	Dynamic load (kg)	Net weight (kg)	Gross weight (kg)	Cubage (m ³)
PLS 1-8	4.80	1.5	2000	1000	1350	5.2
PLS 1-10	6.00	1.5	2100	1050	1400	6.0
PLS 1-12	7.20	1.5	2200	1100	1500	7.2
PLS 1-14	8.40	1.5	2300	1150	1600	8.4
PLS 1+1-8	11.36	1.5	3200	1600	2310	11.4
PLS 1+1-10	14.20	1.5	3400	1700	2430	12.0
PLS 1+1-12	17.00	1.5	3600	1800	2560	13.0
PLS 1+1-14	19.80	2.2	3800	1900	2690	13.5
PLS 1+1-16	22.70	2.2	4000	2000	2820	14.5
PLS 1+1-18	25.50	2.2	4200	2100	2950	15.5
PLS 1+1-20	28.40	2.2	4400	2200	3080	16.5
PLS 1+1-22	31.24	2.2	4600	2300	3210	18.0
PLS 1+1-24	34.08	2.2	4800	2400	3330	19.0
* Other types on request						

Capacity Depends essentially on the kind of initial product and the desired end product(s). Precise data are determined in each particular case.



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