

Drum pre-cleaner

DP-630 / DP-950

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DP1.08.0709.GB



The DP drum pre-cleaner is above all used in intake sections and silos in order to relieve the following machines and conveyors

The drum pre-cleaner separates coarse impurities such as paper, pieces of wood, maize leaves, and cobs etc.

The capacity depends on the nature of the material to be cleaned (moisture, impurities etc.) as well as the chosen perforation(s) of the drum.

Estimated capacity for DP-630 on wheat is up to 200 t/h and for DP-950 up to 400 t/h.

In standard construction, the DP machines are delivered with the following features.

The housing is totally enclosed with inspection cover and assembly or servicing cover.

The machine is fitted with inlet spout and inlet channel.

The rotating horizontal drum is in one-piece made of two halves - an inlet cylinder and a discharge cylinder with two different perforations.

The dimension of the drum is for DP-630 $\text{Ø} 630 \times 780$ mm with a drum area of 1.54 m^2 .

The dimension of the drum is for DP-950 $\text{Ø} 950 \times 1080$ mm with a drum area of 3.20 m^2 .

Inside the drum there is a guide spiral to convey the material to the outlet end.

The machine is further with scraper cleaning and spout for dust aspiration.

The machine is complete with fixed speed drive and 0.37 kW gearmotor for DP-630 and 0.55 kW gearmotor for DP-950.

The machine is of steel construction.



Sectional view of drum



Scraper brush

Please contact us for detailed information or meet us at www.westrup.com

Westrup A/S

Box 127, Sorøvej 21, DK-4200 Slagelse

Tel. +45 5852 2564, Fax +45 5852 5251

info@westrup.com