

RVS 75-II

Data sheet

The RVS 75-II Multiseparator is particularly suitable for processes where a strong vacuum with high air speeds is needed.

Using the RVS 75-II in combination with Kongskildes high pressure blowerrange offers a unique high efficient and high performance for processes with need for strong vacuum demand.

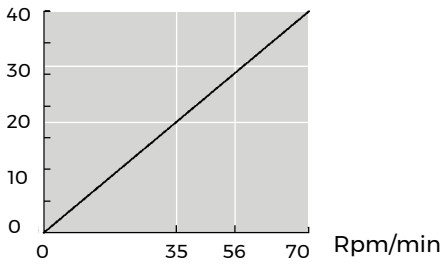
The RVS 75-II is designed to handle cutted edge trim from the paper-, plastic- alu foil- and packaging industry with high production output.

Multiseparator RVS 75-II is designed to separate and reintroduce the process waste from a pneumatic conveying line when using high efficient Kongskilde high pressure blowers.



Capacity

m²/min.*



* m²/min = trim speed (m/min) x trim width (mm/1000) x number of trims

Max. material amount: 300 kg/hr

Technical data

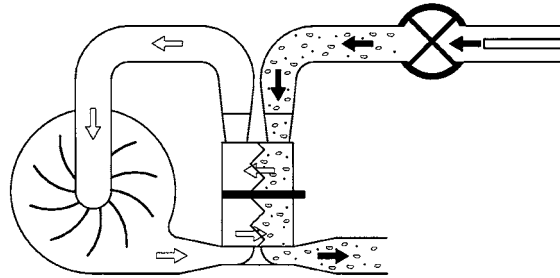
Chamber volume on material side	3.3 litres
Number of chambers in the rotor	6
Hole diameter, filter plate	Ø3 mm
Rotor diameter	Ø395 mm
Total pressure loss at air flow 1800 m ³ /h	Approx. 350 mmWG
Connection to suction and blowing side	OK160

Filling of the chambers depends upon the type of material involved and its cut length. Capacities stated relate to material cut into short lengths of 50 - 70 mm. The separator can accept material lengths of up to 150 mm.

Components from the extensive OK160 pipe system are used for connecting blower and RVS 75-II.

RVS 75-II Rpm	Ratio	Motor kW	Motor	Motor Rpm	Weight in kg with motor
70	1:20	2.2	IEC 90 B5	1400	119
56	1:25	1.5	IEC 90 B5	1400	117
35	1:40	1.1	IEC 90 B5	1400	113

Principle of Function

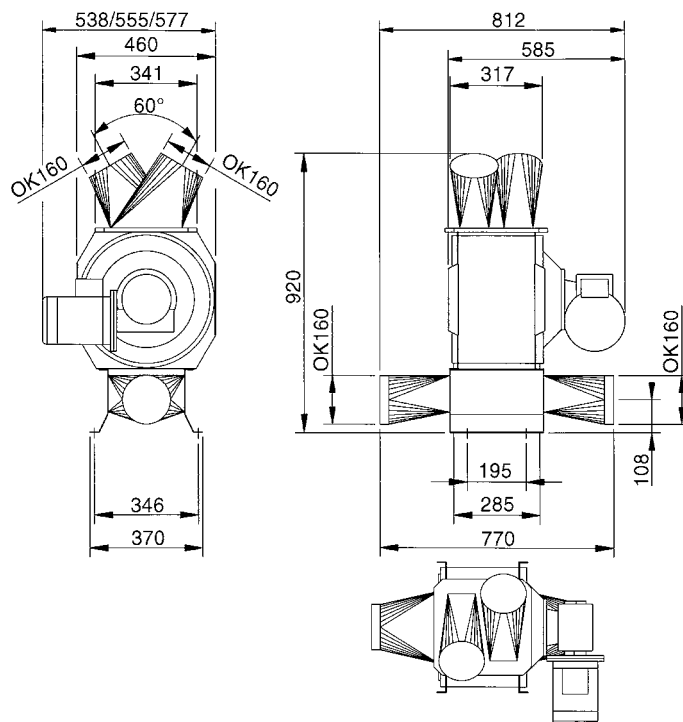


The rotor of the Multiseparator is in two parts, separated by a perforated screen the whole revolving at a low speed. On the upper, or inlet, side, the conveying air passes through the perforated screen to the blower intake, whilst waste material is retained.

On the lower side, air from the blower outlet passes through the perforated screen and rotor compartments, ensuring an efficient discharge into the conveying line.

Material can then be conveyed through an OK pipe system to a container, big bag or any similar collection system.

Dimensions



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