

Nordfab RS Series Rotary Separators

Nordfab ROTARY SEPARATORS SERIES

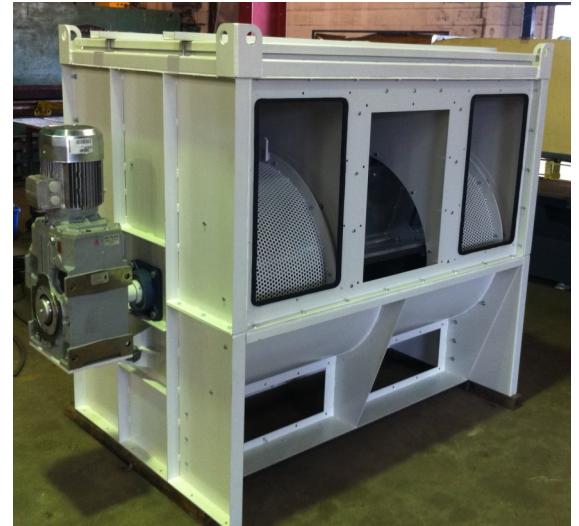
The Nordfab Rotary Separator series is specifically suited to applications where trim is to be separated from an airstream and processed by compactors, briquetting machines or contained in bins. The most common trim applications are paper, cardboard, edging trim and Aluminium foil. The perforated rotating impeller permits continuous, blockage-free operation.

Trim laden air enters through an inlet in the main body and is directed onto an inclined perforated plate. The trim waste drops out into the hopper while the air continues through the perforated plate. This cleaned air is then discharged to atmosphere or through discharge ductwork.

The rubber tips are easily replaceable from several locations around the rotary separator. The perforated screens can also be easily changed for different particle sizes. For models RS10 and above, the gearbox is easily changed as the shaft is supported by bearings at both ends of the machine.

Specifications

MODEL	AIRFLOW (m ³ /h)	INLET / OUTLET DIA (mm)	MOTOR POWER (KW)
RS 2	2000	200	0.75
RS 5	5000	300	1.5
RS 10	10000	450	2.2
RS 20	20000	600	4
RS 40	40000	850	4
RS 50	50000	950	5.5



Nordfab RS Series Rotary Separators

Model RS5

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Trim laden air enters through an inlet in the main body and is directed onto an inclined perforated plate. The trim waste drops out into the hopper while the air continues through the perforated plate. This cleaned air is then discharged to atmosphere or through discharge ductwork.

Specifications

Model	RS5
Type	Direct drive
Air Flow	Up to 5,000 m ³ /h
Construction	Folded and bolted Galvanised sheetmetal 3 mm
Screen	Perforated sheetmetal with 1 mm diameter holes (screens selected according to particle size)
Access doors	Top, front upper, front lower and rear lower
Rotor tips	Rubber
Motor power	1.5 kW, 3.3 A per phase
Motor rating	IP55
Hazardous rating	Excluded (motor and gearbox sealed from airstream)
Dimensions	1600 mm wide x 1400 mm deep x 1500 mm high (approximate)



The rubber tips are easily replaceable from several locations around the rotary separator. The perforated screens can also be easily changed for different particle sizes. The gearbox is also easily changed as the shaft is supported by bearings at both ends of the machine.

Important note: Fires and dust explosions can be caused by various ignition sources including sparks and optimum dust concentrations etc. We recommend fitting dust collectors with explosion vents and locating them outside of buildings to reduce the risk of damage to property and personnel in the event of an explosion or fire.

Nordfab RS Series Rotary Separators

Model RS10

The Nordfab Rotary Separator series is specifically suited to applications where trim is to be separated from an air stream and processed by compactors, briquetting machines or contained in bins. The most common trim applications are paper, cardboard, edging trim and Aluminium foil. The perforated rotating impeller permits continuous, blockage-free operation.

Trim laden air enters through an inlet in the main body and is directed onto an inclined perforated plate. The trim waste drops out into the hopper while the air continues through the perforated plate. This cleaned air is then discharged to atmosphere or through discharge ductwork.

Specifications

Model	RS10
Type	Direct drive
Air Flow	Up to 10,000 m ³ /h
Construction	Folded and bolted Galvanised sheetmetal 3 mm
Screen	Perforated sheetmetal with 1 mm diameter holes (screens selected according to particle size)
Access doors	Top, front upper, front lower and rear lower
Rotor tips	Rubber
Motor power	4 kW, 7.3 A per phase
Motor rating	IP55
Hazardous rating	Excluded (motor and gearbox sealed from airstream)
Dimensions	1600 mm wide x 1400 mm deep x 1500 mm high (approximate)



The rubber tips are easily replaceable from several locations around the rotary separator. The perforated screens can also be easily changed for different particle sizes. The gearbox is also easily changed as the shaft is supported by bearings at both ends of the machine.

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Nordfab RS Series Rotary Separators

Model RS20

The Nordfab Rotary Separator series is specifically suited to applications where trim is to be separated from an airstream and processed by compactors, briquetting machines or contained in bins. The most common trim applications are paper, cardboard, edging trim and Aluminium foil. The perforated rotating impeller permits continuous, blockage-free operation.

Trim laden air enters through an inlet in the main body and is directed onto an inclined perforated plate. The trim waste drops out into the hopper while the air continues through the perforated plate. This cleaned air is then discharged to atmosphere or through discharge ductwork.

Specifications

Model	RS20
Type	Direct drive
Air Flow	Up to 20,000 m ³ /h
Construction	Folded and bolted Galvanised sheetmetal 3 mm
Screen	Perforated sheetmetal with 1 mm diameter holes (screens selected according to particle size)
Access doors	Top, front upper, front lower and rear lower
Rotor tips	Rubber
Motor power	4 kW, 7.3 A per phase
Motor rating	IP55
Hazardous rating	Excluded (motor and gearbox sealed from airstream)
Dimensions	1600 mm wide x 1400 mm deep x 1500 mm high (approximate)



The rubber tips are easily replaceable from several locations around the rotary separator. The perforated screens can also be easily changed for different particle sizes. The gearbox is also easily changed as the shaft is supported by bearings at both ends of the machine.

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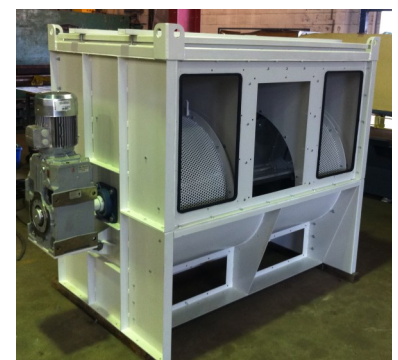
RS10

The Nordfab Rotary Separator series is specifically suited to applications where trim is to be separated from an airstream and processed by com-pactors, briquetting machines or contained in bins. The most common trim applications are paper, cardboard, edging trim and Aluminium foil. The perforated rotating impeller permits continuous, blockage-free operation.

Trim laden air enters through an inlet in the main body and is directed onto an inclined perforated plate. The trim waste drops out into the hopper while the air continues through the perforated plate. This cleaned air is then discharged to atmosphere or through discharge ductwork.

Specifications

Model	RD10
Type	Direct drive
Air Flow	Up to 10,000 m ³ /h
Construction	Folded and bolted Galvanised sheetmetal 3 mm
Rotor tips	Rubber
Motor power	4 kW
Motor rating	IP55
Dimensions	1600 mm wide x 1400 mm deep x 1500 mm high



Important note: Fires and dust explosions can be caused by various ignition sources including sparks and optimum dust concentrations etc. We recommend fitting dust collectors with explosion vents and locating them outside of buildings to reduce the risk of damage to property and personnel in the event of an explosion or fire.

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