Clean air deduster RLA 125 / 140 / 160 / 210

for wood chips, designed for commercial use

Very quiet

- Clean air deduster of this series dust-tested to H3, residual dust content less than 0.1 mg/m³
- **Not suitable for sanding dust!**
- High extraction performance with low space requirements
- Maximum performance in this class
- Very quiet
- All models with collision protection

Area of application
- Extraction of wood chips
- Commercial use
- For all woodworking machines with the corresponding extraction nozzle diameter

High-quality, well thought-out design
- Rrobust and compact housing made of galvanised sheet steel
- Suction nozzle can be easily converted from left to right for flexible use
- Large inspection openings
- Large, mobile chip container with clamping bracket and chip collection bag
- Deduster already fully assembled on delivery, so can be used quickly
- All models mobile
- **For model RLA 210:** Optimum chip distribution in the chip container due to large filter surface

Description of the filter
- Ultra compact with maximum filter area
- Filter material made of polyester fleece, aluminium-coated, washable and therefore with a long service life
- Antistatic filter tested and approved to category M-BIA as standard
- Filter resistance monitoring via differential pressure box, adjustable with warning light on the control box
- The fan is connected downstream of the filter

RLA 125

RLA 140

IE3 MOTOR

BG-PRÜFZERT
HO 043001
H3 Geeignet zur Abscheidung von Holzstaub Feststaubgehaltstufe 3 0,1 mg/m³ sicher eingehalten

All devices in this series are dust-tested to H3, residual dust content below 0.1 mg/m³

Model	**RLA 125**	**RLA 140**	**RLA 160**	**RLA 210**
Art. No.	5131255	5131400	5131620	5132100
Model	**RLA 125 M**	**RLA 140 M**	**RLA 160 M**	**RLA 210 M**
Art. No.	5131256	5131401	5131621	5132105
Model	**RLA 125 PM**	**RLA 140 PM**	**RLA 160 PM**	**RLA 210 PM**
Art. No.	5131257	5131402	5131622	5132110
Technical data				
Nominal suction nozzle size outside	125 mm	140 mm	160 mm	200 mm
Nominal volume flow	884 m³/h	1108 m³/h	1448 m³/h	2262 m³/h
Volume flow max.	1400 m³/h	1750 m³/h	2400 m³/h	3700 m³/h
Negative pressure at Vnominal	2210 Pa	2615 Pa	2247 Pa	2482 Pa
Filter area	5.31 m²	8.5 m²	9.21 m²	22 m²
Filter material	Dust class M	Dust class M	Dust class M	Dust class M
Residual dust content	H3 (< 0.1 mg/m³)	H3 (< 0.1 mg/m³)	H3 (< 0.1 mg/m³)	H3 (< 0.1 mg/m³)
Chip collection volume	1x165 (239) l	1x165 (239) l	2x165 (193) l	2x165 (193) l
Max. sound pressure level	71 dB(A)	71 dB(A)	73 dB(A)	72 dB(A)
Dimensions (L x W x H) approx.	1241 x 830 x 1553 mm	1241 x 830 x 1700 mm	1755 x 830 x 1654 mm	1755 x 830 x 1800 mm
Axis suction nozzle to floor	850 mm	850 mm	827 mm	826 mm
Motor power IE3	2.2 kW	2.2 kW	2.2 kW	3.0 kW
Mains voltage ~ 50 Hz	400V	400V	400V	400V
Weight approx. – / M / PM	205 / 215 / 210 kg	210 / 210 / 210 kg	260 / 287 / 274 kg	259 / 235 / 289 kg

RLA 1601P - 3001P

Clean air deduster tested for economical and convenient air purification

- For use in workshops with a simultaneity factor of 1-2 machines, from RLA 2501 2-3 machines (depending on the required volume flow) or as a decentralised extraction unit to supplement an existing stationary system
- For use with a wide variety of materials - also suitable for dry aluminium chips
- Tested by the employers' liability insurance association
- 100% air recirculation without additional costs and structural effort
- Ready-to-connect delivery
- High suction power
- Low costs for pipe components and installation, especially when replacing old and no longer approved systems
- Integrated pre-separation chamber to reduce the load and protect the filters
- Compact dimensions, allowing the devices to be installed in previously unused areas
- Intake side can be ordered with orientation to the left or right, thus also enabling the use of workshop niches
- Control system can be expanded using "plug-in" technology
- For installation in workrooms, the regulations of the wood trade association GS-HM-03 are taken into account
- **From model RLA 2501 P onwards** with integrated, maintenance-free automatic extinguishing system tested in accordance with GS-HM-03 with pressure diaphragm, for which no additional G1/4" compressed air connection and no direct water connection are required.
- Optimal filter cleaning during operation (RLA 1601P-2001P) and during downtime after the minimum operating time has been reached

RLA 1601 P

RLA 2001 P

RLA 2501 P

BG-PRÜFZERT HO 043001 H3 Geeignet zur Abscheidung von Holzstaub Reststaubgehaltstufe 3 0,1 mg/m³ sicher eingehalten

All devices in this series are dust-tested to H3, residual dust content below 0.1 mg/m³

Also for dry aluminium chips suitable!

Model	RLA 1601 P	RLA 2001 P	RLA 2501 P	RLA 3001 P
Art. No.	5131612	5132011	5132501	5133001
Technical data				
Suction nozzle	160 mm	200 mm	250 mm	300 mm
Nominal volume flow	1448 m³/h	2262 m³/h	3534 m³/h	5089 m³/h
Volume flow max.	2000 m³/h	3010 m³/h	4900 m³/h	6000 m³/h
Negative pressure	2503 Pa	2563 Pa	3184 Pa	2587 Pa
Filter area	9.1 m²	13.8 m²	22.4 m²	30 m²
Residual dust content	‹ 0,1 mg/m³	‹ 0,1 mg/m³	‹ 0,1 mg/m³	‹ 0,1 mg/m³
Filter cleaning	Compressed air	Compressed air	Compressed air	Compressed air
Filter category	M	M	M	M
Chip collection volume	1 x 165 (24(1) l	2 x 165 (24(1) l	2 x 165 (250) l	3 x 165 (250) l
Sound pressure level	70 dB(A)	72 dB(A)	71 dB(A)	71 dB(A)
Rated motor power ~50 Hz	2.2 kW / 400 V	3.0 kW / 400 V	7.5 kW / 400 V	7.5 kW / 400 V
Dimensions (L x W x H) approx.	1716 x 830 x 2050 mm	2296 x 830 x 2050 mm	2351 x 1058 x 2351 mm	3050 x 1058 x 2361 mm
Weight approx.	340 kg	460 kg	758 kg	838 kg