

**Three-phase  
vacuum cleaners –  
DS 2 series:**  
High-performance  
unit for continuous  
operation



# Three-phase vacuum cleaners – DS 2 series

Blower, designed and built by Ruwac

Three-phase motor

Residual dust filter for dust class H

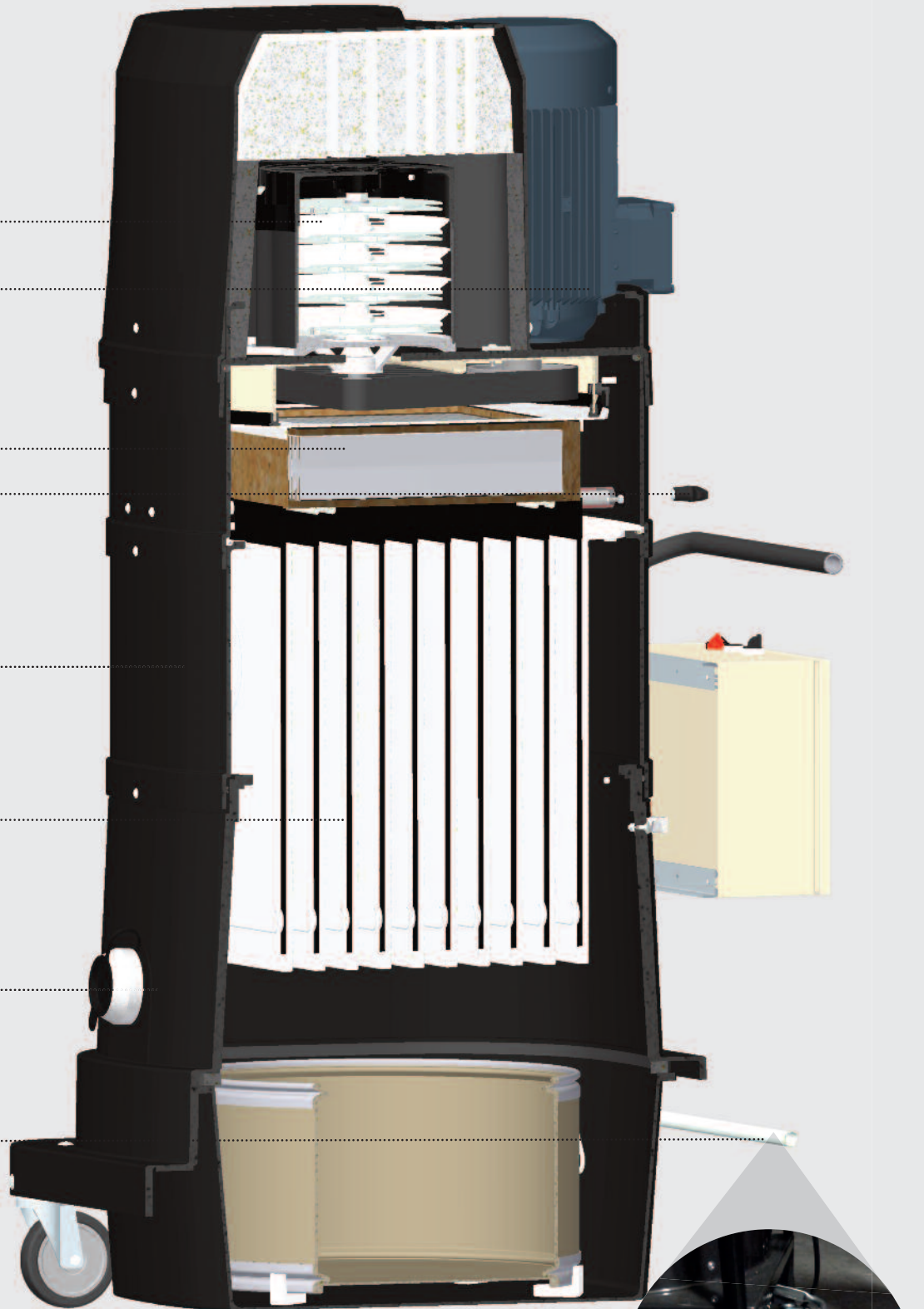
Manual deduster

GRP housing

Bag filter for dust class L/M

Suction connection (sealable)

Foot bar emptying mechanism



Easy to handle due  
RUWAC foot bar  
emptying mechanism



# Concentrated power for every application

- Multiple variants thanks to modular system
  - GRP housing
  - Choice of disposal systems
- Versions for explosive dust and explosive gas areas
- Version for asbestos removal

DS 2720  
dust-Ex in the vehicle  
paint shop



DS 2520  
gas-Ex in chemical  
production



DS 2520 AH  
(asbestos, dust class H)  
for asbestos removal



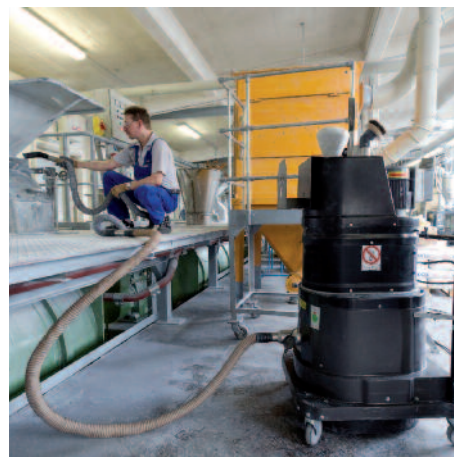
DS 2410  
dust-Ex for military  
maintenance



DS 2520  
with pre-separator in  
steel production



DS 2420  
dust-Ex in process  
engineering



# Technical data

	DS 2410	DS 2420	DS 2520	DS 2521	DS 2720	DS 2721
Housing	GRP	GRP	GRP	GRP	GRP	GRP
Motor power (kW)	4,0	4,0	6,0	6,0	7,5	7,5
Voltage (V)	400	400	400	400	400	400
Vacuum (mbar)	-190	-170	-230	-230	-210	-210
Air flow rate (m³/h) (measured with 3m hose)	410	540	650	650	820	820
Sound pressure level (dB(A)) (DIN EN ISO 3744)	72	74	75	67	77	69
Bag filter for dust class L, M (m²)	2,4/4,5	2,4/4,5	2,4/4,5	2,4/4,5	2,4/4,5	2,4/4,5
Residual dust filter for dust class H (m²)	3,2	4,8	4,8	4,8	4,8	4,8
Height (mm) (Bag filter 2.4 m² dust class L, M)	1.260	1.260	1.260	1.810	1.290	1.840
Height (mm) (Bag filter 4.5 m² dust class L, M)	1.575	1.575	1.575	2.125	1.605	2.155
Height (mm) (Bag filter 2.4 m² dust class H)	1.450	1.450	1.450	1.985	1.465	2.015
Height (mm) (Bag filter 4.5 m² dust class H)	1.750	1.750	1.750	2.300	1.780	2.330
Width (mm)	730	730	730	730	730	730
Length (mm)	920	920	920	920	920	920
Protection class IP	54/65	54/65	54/65	54/65	54/65	54/65
Capacity (litres)	90	90	90	90	90	90
Suction connection (mm)	70	70	70	70	100	100

## Choice of disposal systems



Disposal container with cover

Liner bag

**Ruwac**  
Industriesauger



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Industrial vacuum cleaners are available in explosion-proof versions in accordance with ATEX 94/9/EC.

