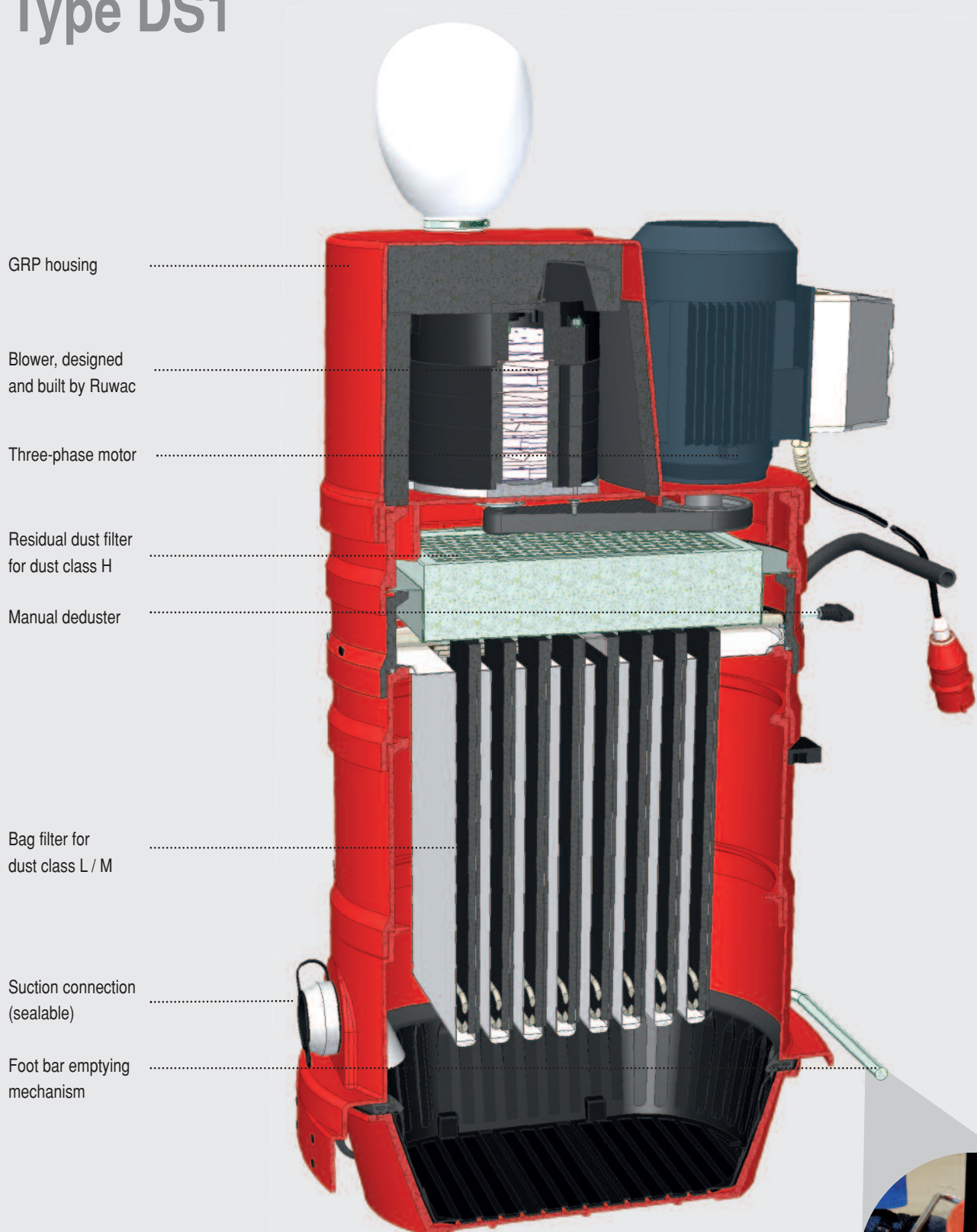


**Three-Phase Vacuum  
Cleaners Type DS1:**  
Powerful cleaners for  
continuous operation



# Three-Phase Vacuum Cleaners Type DS1



Easy to handle due to  
RUWAC foot bar empty-  
ing 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 1220  
in metalworking



DS 1750  
explosive dust,  
with extractor arm in  
the production of plastic

DS 1400  
explosive gas for  
the fire brigade



DS 1220  
as a silo vacuum in  
metal production

DS 1220 FS  
(fine dust)  
explosive dust in  
food production



DS 1150  
explosive dust  
with floor vacuuming  
device in the  
agricultural industry

# Technical data

	DS 1150	DSZ 1150	DS 1151	DS 1220	DSZ 1220	DS 1221	DS 1220 FS	DS 1400	DSZ 1400	DS 1401	DS 1750	DSZ 1750
Housing	GRP	GRP	GRP	GRP	GRP	GRP	GRP	GRP	GRP	GRP	GRP	GRP
Motor power (kW)	1.5	1.5	1.5	2.2	2.2	2.2	2.2	4.0	4.0	4.0	7.5	7.5
Voltage (V)	400	400	400	400	400	400	400	400	400	400	400	400
Vacuum (mbar)	-180	-180	-180	-206	-206	-206	-125	-213	-213	-213	-330	-330
Air flow rate (m³/h) (measured with 3m hose)	250	250	250	270	270	250	300	410	410	390	490	490
Sound pressure level (dB(A)) (DIN EN ISO 3744)	64	64	56	70	70	59	70	70	70	62	74	74
Bag filter for dust class L, M (m²)	1.2/2.6	-	1.2/2.6	1.2/2.6	-	1.2/2.6	2.6	1.2/2.6	-	1.2/2.6	1.2/2.6	-
Cell filter for dust class L, M (m²)	-	1.0	-	-	1.0	-	-	-	1.0	-	-	1.0
Residual dust filter for dust class H (m²)	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Height (mm) (Cell filter 1.0 m² for dust class L, M)	-	890	-	-	890	-	-	-	890	-	-	970
Height (mm) (Bag filter, 1.2 m² for dust class L, M)	890	-	1,311	890	-	1,311	-	967	-	1,194	1,117	-
Height (mm) (Bag filter, 2.6 m² for dust class L, M)	1,210	-	1,534	1,223	-	1,534	1,223	1,223	-	1,675	1,308	-
Height (mm) (Cell filter 1.0 m² for dust class H)	-	1,040	-	-	1,040	-	-	-	1,040	-	-	1,140
Height (mm) (Bag filter 1.2 m² for dust class H)	1,040	-	1,384	1,040	-	1,566	-	1,040	-	1,384	-	-
Height (mm) (Bag filter 2.6 m² for dust class H)	1,380	-	1,910	1,380	-	1,910	1,380	1,440	-	1,910	1,475	-
Width (mm)	520	520	520	520	520	520	520	520	520	520	520	520
Length (mm)	850	850	850	850	850	850	850	850	850	850	850	850
Protection class IP	54/65	54/65	54/65	54/65	54/65	54/65	54/65	54/65	54/65	54/65	54/65	54/65
Capacity (litres)	35	35	35	35	35	35	35	35	35	35	35	35
Suction connection (mm)	50	50	50	50	50	50	50	70	70	70	70	70

## Choice of disposal systems



Disposal container with cover



Dust filter bag



Liner bag

**Ruwac**  
Industriesauger



**RUWAC**  
Industriesauger GmbH  
Westhoyeler Str. 25  
49328 Melle-Riemsloh

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



DIN EN 60335-2-69, Anh. Cc

ATEX 94/9/EG

DIN EN 60335-2-69, Anh. AA

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