

DATA SHEET.

INDUSTRIAL VACUUM.

IDV 100



G. Staehle GmbH u. Co. KG
Mercedesstraße 15
D 70372 Stuttgart
Telefon +49 (0) 7 11/95 44-950
Telefax +49 (0) 7 11/95 44-941
info@columbus-clean.com
www.columbus-clean.com

columbus

THE PRO:

IDV 100

- ⌚ Maintenance-free three-phase motor with side channel blower, works reliably in continuous operation.
- ⌚ To pick up solids and dusts.
- ⌚ 3 m² filter surface area with manual filter cleaning system.
- ⌚ Available in stainless steel and with PTFE filter M class as options.
- ⌚ Available in an antistatic version and ATEX protected as options.
- ⌚ A negative pressure indicator shows filter clogging, so you can always check that the vacuum is working properly.
- ⌚ Made of robust, epoxy-coated steel. Non-marking rollers and locking brake for safety and comfort while emptying.



Side channel blower:
All three-phase industrial vacuums have three-phase motors with side channel blower. They have a long service life, are maintenance free and designed for continuous operation. The air flow is compressed twice in the side channel blower, delivering much more suction power than a fan motor.

Applications:

This powerful and quiet industrial vacuum with side channel blower delivers high suction performance for continuous operation in most industrial applications. Easy to use, it is available for dust classes L, M and H and can pick up dusts and solids of all kinds.



IDV 100

| | |
|---------------------|-----------------------|
| L x B x H | 660x1160x1530 mm |
| Tool connection | 80 mm |
| PVC hose | 3 m/50 mm |
| Container volume | 100 l |
| Filter surface area | 30 000cm ² |
| Filter type | Star/pocket/polyester |
| Filter dust class | L |

ELECTRICAL DATA

| | |
|--------------------|--------|
| Rated voltage | 400 V |
| Rated power, total | 5,5 KW |
| Mains cable | 10 m |

SUCTION MOTOR

| | |
|-------------------------|--------------------------|
| Negative pressure, max. | 3000 mm.H ₂ O |
| Air flow, max. | 550 M ³ /h |
| Number of motors | 1 |



Filter cartridge with 30,000 cm² filter surface area



Large star filter made of washable polyester



Comprehensive accessories kit for IDV 100



Manual filter shaking to keep suction performance high