

# W3 ACD – compact industrial vacuum cleaner rated ACD for combustible dust in ATEX zones

## INDUSTRIAL VACUUM CLEANERS



- ✓ ACD classification for vacuuming combustible dust in non-classified zones

### Suction unit

|                           |        |                   |
|---------------------------|--------|-------------------|
| Voltage                   | V - Hz | 230 - 50/60 1~    |
| Usage area                |        | Ordinary location |
| EX category               |        | CE ACD            |
| Power                     | kW     | 3 x 1,1 bypass    |
| Max waterlift             | mmH2O  | 2.400             |
| Max air flow              | m3/h   | 540               |
| Noise level (EN ISO 3744) | dB(A)  | 78                |

### Filtering Unit

|                              |                     |              |
|------------------------------|---------------------|--------------|
| Primary filter               |                     | Star         |
| Surface - Diameter           | cm <sup>2</sup> -mm | 20.000 - 420 |
| Total filtering surface area | cm <sup>2</sup>     | 20.500       |
| Cleaning system              |                     | Manual       |
| Filtration efficiency        |                     | M ANT        |
| Primary filter               |                     | Standard     |
| Filter class                 |                     |              |

### Collection unit

|                 |    |         |
|-----------------|----|---------|
| Capacity        | lt | 65/100  |
| Collection tank |    | Painted |

### Encumbrances

|            |    |            |
|------------|----|------------|
| Dimensions | cm | 71x69x140h |
|------------|----|------------|

## APPLICATIONS:



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## **SUCTION UNIT**

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Suction is generated by three carbon brush by-pass motors activated by independent switches located on a solid metal head, soundproofed with sound-absorbing material.

## **FILTERING UNIT**

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Inside the steel filter chamber is the antistatic polyester pocket filter, which protects the suction unit and prevents the risk of sparks due to static energy build-up. An absolute filter (99.995% of 0.18 micron, Class H) is included to ensure the retention of the finest dust and the purity of the exhaust air.

## **COLLECTION UNIT**

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The vacuumed material is collected in a stainless steel container, mounted on a tilting trolley.

The vacuumed material is discharged in a steel container on wheels, which can be removed for easy and safe emptying, with the option of using disposable bags.