

DATA SHEET.

# SINGLE DISC MACHINE EXPLOSION PROOF E 505|S Ex



G. Staehe GmbH u. Co. KG  
Mercedesstraße 15  
D 70372 Stuttgart  
Telefon +49 (0) 7 11/95 44-960  
export@columbus-clean.com  
www.columbus-clean.com

**columbus**

# HEAVY-DUTY-CLEANING IN ATEX ZONES.

## E 505IS Ex

- ❶ The explosion-proof E 505IS with 500 mm working width ensures in-depth wet cleaning in industrial ATEX zones, in the petrochemical or pharmaceutical industries. This single disc machine is completely made of conductive materials and it is ATEX certified.
- ❷ The original explosion-protected accessories from columbus guarantees an excellent cleaning result even for heavy soiling.
- ❸ The low-speed machine has planetary gearing with three wear-free helical planet gears that distribute the force evenly over the entire working width. That means quite running and easy steering. The maintenance-free planetary gearing and the powerful 1000 W motor are perfectly matched and guarantee high performance at all times and a long service life.
- ❹ Work safely and with less operator fatigue: includes continuously variable handle grip and a safety button to prevent accidental operation.
- ❺ Large operating range as standard: 12-metre waterproof and kink-proof mains cable.



**ROBUST AND RELIABLE  
FOR INDUSTRIAL USE**



**WET CLEANING OF HARD FLOORS  
MIT EX-PROTECTED SCRUB BRUSH**



**FOR USE IN  
ATEX ZONES 1 AND 2**

### E 500IS Ex

L x W x H	480 x 610 x 1215 mm
Working width	500 mm
Ground clearance max.	145 mm
Working height max.	450 mm
Noise level	71 dB(A)
Weight	58 kg
Schutzklasse	1
Ex classification	ATEX II 2G ck EEx de IIC T3

### ELECTRICAL DATA

Rated voltag	380 V/50 Hz
Power total	1000 W
Mains cable	12 m

### BRUSHES AND PAD HOLDERS

Speed	142 rpm
Pressure	0,38 N/cm <sup>2</sup>

