



70 Bex 53

For the use in potentially explosive areas of zone 1 and zone 2.

Certified as to the valid regulations according ATEX 94/9EG and the type examination certificate TÜV 06 ATEX 7345.



Self-levelling mechanical system to provide that the brushes have always a perfect contact to the floor.



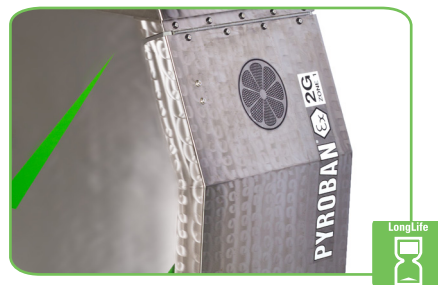
Especially designed robust squeegee for best suction results even on high speed.



Easy to operate due to an intuitive control panell. Handle bar adjustable.

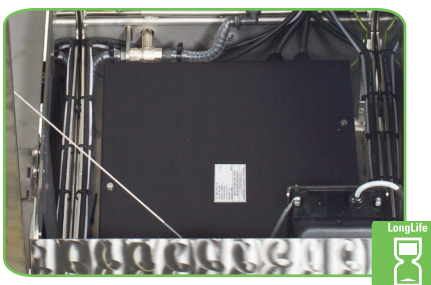
Exclusive technology

Explosion proof for zone 1+2 and specification EEX II 2G IIB T4



In areas of zone 1 and 2 where the use of material that could react with oxygen could generate explosion danger the 70 Bex 53 offers the necessary safety.

Special battery with type examination



The special 24 V battery is located in an especially manufactured steel trough and prevents explosion danger.

Use of stainless steel



The complete machine corpus and the machine tanks are made of stainless steel and offer highest hygiene standard.



Premium 70 Bex 53



User friendly control panel with emergency stop, battery level indicator and hour meter.



The charging plug.



Suction motor.



Disc electrical conductive. Bristles contain min. 10% phosphor-bronze wires.

Important technical characteristics

Motors

- **Rotation of the brush:** gear motor
- **Suction:** 3 stages with fans and axles of stainless steel
- **Traction:** by rotating brushes

Plastics

- **Tanks:** stainless steel, material code 1.4301
- **Squeegee blades:** made of PU hp, could be used at 4 sides
- **Hoses:** drain and suction hoses made of high flexible polyurethane

Further characteristics

- Brush PPN with 10 % phosphor-bronze wire
- Water regulation by water tap
- Drain hose (ø 40 mm)

Mechanics

- **Chassis:** stainless steel
- **Bearing:** save against penetration of humidity and water
- **Screw material:** made of stainless steel

Electrical system

- **Control panel:** switches protected against splash water
- **Circuit board:** with foil for protection against water and humidity
- **Display:** digital and analog, including hour meter and battery level indicator
- User friendly control panels

Type	Working width (mm)	Squeegee width (mm)	Theoretical performance* (m ² /h)	No. of brushes	Tank volume (l)	Tank	Voltage/ battery capacity	Max. speed (km/h)	Weight (without battery and water) (kg)	Dimensions (WxLxH) (mm)
70 Bex 53	530	870	2120	1(disc)	70	conventional	24 V (12x2 V) - 160 Ah ACID	4	358	1500x830x1165

Certified by TUV Nord	Specified	Equipment group	Category	For ex-zone
ATEX 94/9/EG	EEx II 2G IIB T4	II	2G	zone 1 / zone 2

*The practical performance will be calculated by our consultants according to the object free of charge

Subject to technical modifications



Maintenance friendly and complete access to all mechanical and electrical machine components.

