

SANdBOT

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TECHNICAL FILE

SANdBOT 100L EX



TECHNICAL FILE SANdBOT 100L EX



The patented Polish SANdBOT dust-free cleaning system is an innovative technology of abrasive blasting. A wide range of applications SANdBOT devices make them the most versatile and efficient devices on the market.

- Poland, equipped with a dust-free-cleaning system, is a bath and wall cleaning system, used by the use of hydrop and water-cleaning technology
- The surface is cleaned with air-water-abrasive stream.
- Designed to be used in safe conditions: does not cause dust, reduces the sparking effect to a minimum..
- It makes it possible to apply for a year and a number of different rules, in this case.
- It enables cleaning with an innovative method of garnetting.
- When the sand is garnet, it makes it possible work in explosion hazard zones:
1 (II 2G), 21 (II 2D), 2 (II 3G), 22 (II 3D).

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TECHNICAL DATA

Tank capacity	100 L
MACHINE WEIGHT (without water and abrasive)	150 KG
TOTAL WEIGHT (with water and abrasive)	300 KG
External dimensions	1500 x 600 x 800 mm
Water consumption	1 - 4 l / min
CONSUMPTION	1 - 5 kg / min
SIZE OF A COMPRESSED AIR CIRCUIT	3/4" - 2"
SIZE OF THE WATER CIRCUIT	1/4" - 1"
DIMENSION OF JET HOSE - ABRASIVE	1" - 1 1/4"
LENGTH OF JET-ABRASIVE HOSE	10 - 100 m (10m as standard, extension as an option)
WORK NOZZLE MEDIUM	od 4 mm
STRESS STREAM PRESSURE	0.3 - 0.8 Mpa
PRESSURE AND REQUIREMENT OF COMPRESSED AIR	0.3 - 0.8 Mpa, 3 - 8 bar, 3 - 7 m³ / min
WATER SUPPLY	Water supply network, open tanks
POSSIBILITY OF SUCTION	Yes
THE NEED FOR WATER FILTERING	No
CONTROL	pneumatic
AUTHORIZED TO WORK IN THE ZONE	1 (II 2G), 21 (II 2D) 2 (II 3G), 22 (II3D)
HAZARDOUS EXPLOSION	
Abrasive type	All mineral abrasives with a grain thickness of 0.1-1.8 mm, e.g. garnet, quartz sand, copper slag, aluminum oxide, micro glass balls, soda (dry or wet)



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