# We offer for sale a fully refurbished

RB-600 AH 4 - Wire mesh belt continous shot blasting machine





Blasting pattern

### Application

The RB-600 AH 4 wire mesh shot-blasting machine is mainly suitable for the low investment cost de-rusting, de-scaling and cleaning of

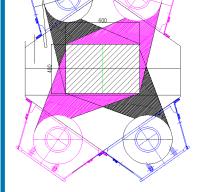
- Small castings made of aluminium or steel
- Small forged parts made of aluminium or steel
  - All smaller parts that cannot be bulk blasted

### Description

The machine is equipped with 4 pieces of ABR 380 type blasting turbines. 2 of these turbines is situated above the wire mesh conveyor top level and the rest of the turbines are placed under it to ensure the possible best covering of the through-pass cross section. Blasting is done in an angle of  $\sim$ 70° to the direction of proceeding to reach lengthened covering.

The turbines are gravity fed with abrasive material, they have eight blasting blades and a pre-accelerator and they allow precise blasting direction adjustment.

The inner surfaces of the machine in the active zone are covered with highly wearresistant manganese steel, other inner parts are protected by wear-resistant rubber sheet. This rubber cover has noise-reducing effect as well. wires in the machine house are made of highly wear resistant spring steel to provide suitable lifetime for the conveyor.



Due to the 4 blasting turbines this machine provides fast cleaning speed for this cross section.

The three-layer rubber curtains at the inlet and outlet sluice prevent the high velocity abrasive particles from shooting out.



ABRAZÍV Engineering Office and Machine Mfg. Ltd.

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The closed and continuous circulation of the shotblasting media is ensured by a screw conveyor, bucket elevator, abrasive cleaning air classifier unit and a feeding unit. In foundries an additional magnetic drum separator is built in the machine to separate forming sand from the circulation.

The clean work-piece is de-dusted by a high pressure blow-off fan built on the exit section of the machine with adjustable height.

The dust-aspirating and separating system of the equipment consists of galvanized steel air-ducts, form-elements, aspiration fan and filter cartridge inserted dust-separator.

Dust emission after the filter is not more than 3mg/m3.



**RB-600 AH 4** 

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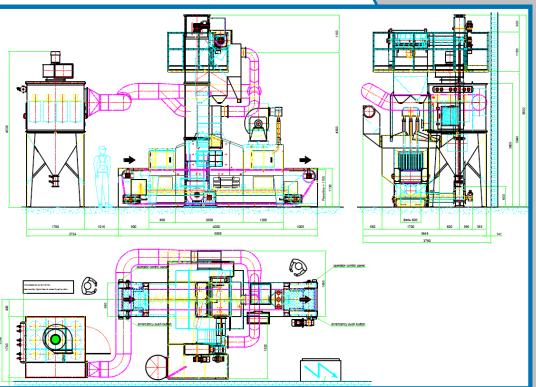
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### Main dimensions /RB-600 AH 4/







# **Technical specifications**

Through-pass width	mm	600
Height	mm	400
Min. work-piece length (shorter pieces can be cleaned by means of a so-called auxiliary frame)	mm	about 1000
Turbines		
Number	piece	4
Туре		ABR-380
Diameter	mm	380
Wheel speed	1/min	2800
Abrasive capacity / per turbine	kg/min	120
Wire mesh conveyor		
Loadability	kg/m	500
Speed range	m/min	0-4
Energy demand		
Electrical		
Basic machine	kW	45,5
Dust aspiration	kW	7,5
Compressed air		
Pressure	bar	min.6
Quantity (filter)	m3/h	12,5
Abrasive charge	kg	~1000
Proposed abrasive particle size	mm	0,4-1,2
Air to be aspirated	m3/h	10500
Filtering surface	m2	252
Electrical data		
Mains voltage	V	3 x 400
Control voltage	V	220
Frequency	Hz	50

For further information and price offers, please feel free to contact us!

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