

We offer for sale a fully refurbished RB-600 AH 4 – Wire mesh belt continuous shot blasting machine



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

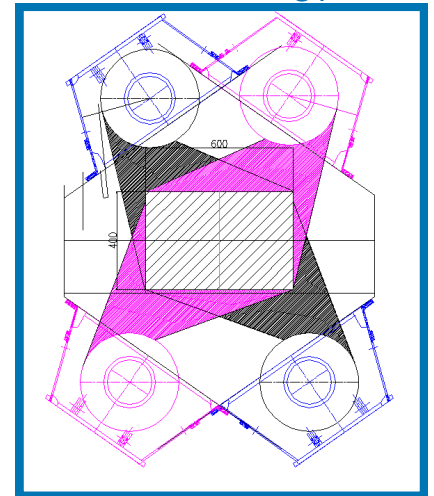
The machine is equipped with 4 pieces of ABR 380 type blasting turbines. 2 of these turbines is situated above the wire mesh conveyor top level and the rest of the turbines are placed under it to ensure the possible best covering of the through-pass cross section. Blasting is done in an angle of $\sim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

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

Blasting pattern



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



The closed and continuous circulation of the shot-blasting 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 $3\text{mg}/\text{m}^3$.

RB-600 AH 4



