

shot blasting **REPORT**

www.rosler.com

Shot Blasting of Forged Components in a Fully Automatic Process

The advantages:

- **Cost reduction in the production process**
- **Significantly higher throughput rate due to partial or full automation**
- **High production capacity and flexibility**
- **Highest system availability combined with analogue process safety**
- **Easy integration into existing manufacturing processes**
- **Highest quality reproducibility, especially for the forging industry**

Rösler Tumble Belt Batch System RMBC 8.2:

- 2 high-performance blast wheels, type Hurricane® (drive power of up to 30 kW each)
- No mixing of components due to reliable batch separation
- Tumble belt designed to accept heavy loads and withstand high temperatures
- Automatic feeding and discharging Lifting/tilting unit with weighing hopper
- Speed control of the tumble belt and blast wheels
- Specially shaped tumble belt bars – thus also suitable to process flat component geometries
- PLC system allowing individual programming of parameters



Rösler Roller Conveyor Shot Blast System

RRB 2,5/2,5 BW:

for billets and profiles

- 4 - 8 high-performance blast wheels Hurricane[®] H50 (driving power ranging from 22 kW to 45 kW each)
- Rates of feed ranging from 20 to 60 m/min
- Component identification device
- Inner lining made of manganese steel or hardened tool steel (easily exchangeable)
- Can be used to clean square bar as well as round steel
- Blast wheels in hard metal design for long service life



Components:

High-quality large and robust small and mass-produced components the surface quality of which must be very high

- Barrel-suitable bulk loading
- Forged billets in square-bar and round shape



Rösler is a manufacturer of shot blast systems offering standard, custom-made and application-specific solutions.

Please contact us for more information!

Rösler Oberflächentechnik GmbH, Vorstadt 1, D-96190 Untermerzbach,

Person in charge: Mr Frank Herbst, Dipl.-Ing. (FH)

Tel.: +49 9533 924 505, Fax: +49 9533 924 601

E-mail: f.herbst@rosler.com

www.rosler.com