

...a better way is:

Blasting of Aluminium diecast components with Aluminium blast media

Your advantages are:

- **Bright, shiny aluminium surface (polished effect)**
- **No opening of the cast skin through aggressive surface treatment**
- **No damage to machine tools by "soft" blast media remaining on the part surface or in blind holes**
- **Reduction of machine maintenance costs to a minimum**

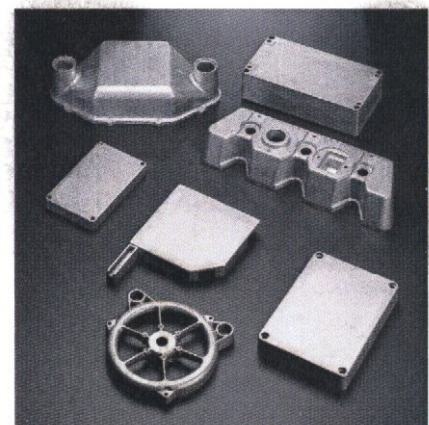
Rösler Continuous Working Loop Belt Blast Machine SBM 2020 including:

- 2 x 11 kW direct driven Hurricane H40 blast wheels providing a high velocity coverage to achieve the finish without any surface skin damage
- Wet Filter Unit type RF 350 NS (explosion proofed design)
- Continuously material flow avoids damages of the workpieces
- Usable as a separate machine as well as a fully automated device integrated in the material flow.



Workpieces:

- Miscellaneous aluminium or zinc diecast workpieces
- Weight per part up to 8 kg
- Flow rate: up to 650 kg / h (aluminium)





HURRICANE H40

The deburring and surface finishing of aluminium diecastings, by blasting with steel / stainless steel blast media is a well proven procedure.

A uniform, matt surface finish with good deburring is achieved. By using an aluminium blast media a much brighter optical appearance is achieved. This is comparable with mechanical polishing or vibratory finishing processes e.g. ball-burnishing. Also excellent deburring results can be achieved, even with a light aluminium blast media, by the patented blast wheel providing a media velocity in excess of 100 m/s.

Another advantage in the usage of aluminium blast media is that the cast skin of the workpieces is opened, eliminating the appearance of tiny burrs or "feathering".

The use of aluminium blast media also eliminates any risk of resulting damage to machine tools if any media remains lodged in the component.

Aluminium blast media is cheaper than stainless steel and with similar consumption figures it provides an immediate cost saving. However the greatest savings are with the significant lower wear rates of the machine due to the less abrasive aluminium media. Long service life significantly reduces maintenance and spare parts costings.

Rösler manufactures standard or special application blast machines. Please do not hesitate to contact us if you have any questions.

Please contact us for more information!

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