

...a better way is:

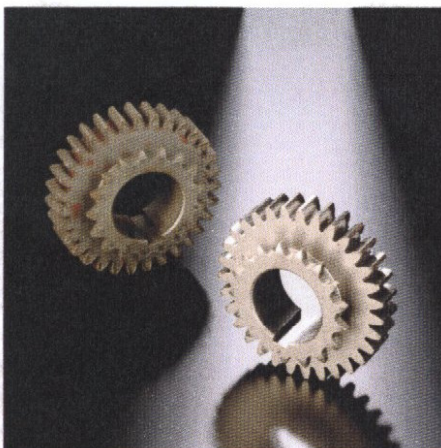
Selective Shot peening of gearbox parts

Your advantages are:

- Constant repeatable process results
- Manual semi- or fully automated loading to suit all respective applications
- Targeted Shot peening of selective areas of the workpieces

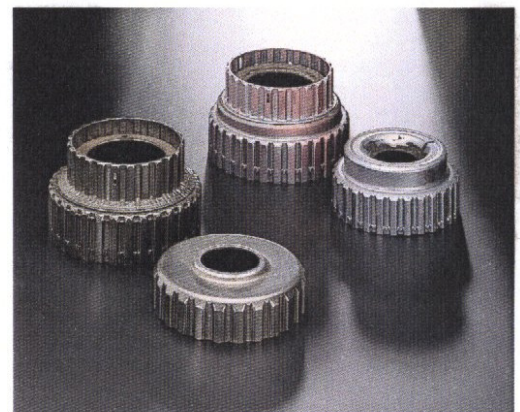
Rösler RSA 1400 – S10 including:

- Pressure or injection blast nozzles, mounted on a dimensionally adjustable nozzle holder, for the selective treatment of the workpieces
- SPS-control Siemens S7 with operating panel Siemens OP17
- Blast media cleaning by riser type airwash separator or optional bucket elevator/ air separator
- Wet or dry dust collector with cyclon option to suit specific requirements



Workpieces:

Rings
Gears
Gearbox parts
etc.





Shot Peening is an established and effective process for the selective surface compression of different workpieces and gearbox parts. An improved surface and component performance is a result of this process, leading to an increase of applications in many industry sectors.

An advantage of this machine is the very high reproducibility of the blasting process. This is supported by a positioning accuracy of +/- 0,2 mm.

The machine is equipped with 6, 8 or 10 satellites and multiple blast stations to ensure coverage and reduced cycle times. Selective area blasting is easily accommodated with nozzle control and special masks. This is ideal for sensitive components, e.g. windings.

Depending on the application manual, semi or automatic loading provides the solution to your demands. Integration into existing production lines can be achieved without problems. Linear, vertical and horizontal axis control of the nozzles increases the flexibility of the system to accept a wide range of component designs.



Pneumatic sealing gates at both entry and exit chambers protect against any discharge of blast media. Blow off nozzles in the exit chamber removes any blast media residue.

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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