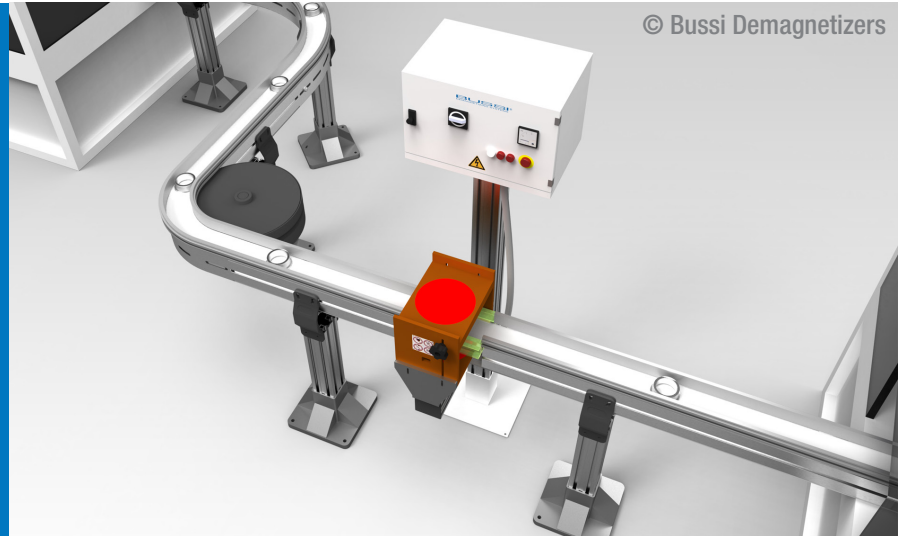


## Demagnetizers in line, installed in flexible conveyor chains for the demagnetization of the single part

“D-F”, “D-R”, “D-B” series and similar



The **electronic impulse demagnetizers** standard “D-F”, “D-R” and “D-B” series, have been designed to be installed into flexible conveyor chains such as Flexlink, Rotzinger and Bosch types, for the demagnetization of the single part. It is possible to adjust and install these demagnetizers in other flexible chains types and models.

For a correct evaluation of the demagnetizing coils installation, please send us:

- » Cross-sectional drawing of the conveyor chain with dimensions
- » The materials of the conveyor chain

The Demagnetizers consist of an electronic control cabinet with support and a separate demagnetization coil. Depending on the customer needs, demagnetizers can be supplied with or without support.

### Process Description:

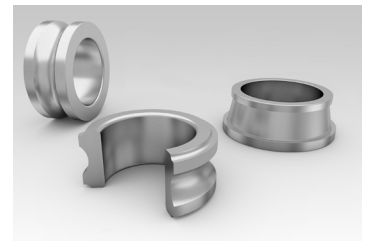
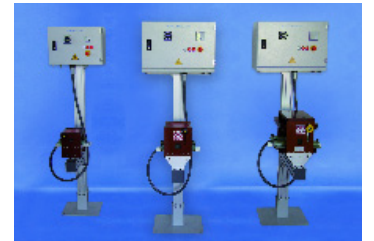
- » The parts are transferred from the line one at a time, inside the demagnetization coil. When the part is in the middle of the coil, the demagnetization impulse is imparted without it being necessary to stop the part and without any magnetic retention. Various electronic control units and coils are available according to the sizes of the parts.

### Characteristics and Advantages:

- » Minimum residual magnetism
- » Demagnetization of the single part
- » Minimum energy consumption (< 150 W)
- » High productivity: up to 2 sec, depending on part size.
- » No magnetic retention
- » Easy installation
- » Almost zero maintenance

### Options:

- » Support for electronic control unit
- » Cable length between electronic control unit and coil



**Applications:**

- » Automotive Manufacturers
- » Bearing Manufacturers

**Technical data required for a quote:**

- » Parts geometry
- » Minimum and maximum parts dimensions
- » Flexlink, Rotzinger, Bosch flexible chains: specify model
- » Other flexible chains:
  - a) section drawing with dimensions
  - b) chain materials (e.g. aluminium structure, plastic chain)
- » The cycle time (parts/hour);
- » Working hours/day
- » Minimum residual magnetism required

Find out with us what the best demagnetization solution for your needs is. Provide us with the basic technical data: type of parts to demagnetize, the transfer system, the production process and processing speed. We will offer you standard systems or systems designed especially for your requirements.

[www.bussi-demagnetizers.com/en/your-application](http://www.bussi-demagnetizers.com/en/your-application)

The image displays three overlapping screenshots of the Bussi Demagnetizing Systems website's 'Your application' form. The first screenshot shows the 'Parts to demagnetize' section, which includes fields for 'Name of parts', 'Dimensions', 'Geometry', 'Max weight', 'Unit of measurement', and 'Magnetism'. The second screenshot shows the 'Parts transfer system and productivity' section, which includes fields for 'Part transfer system', 'Part positioning', and 'Cycle time'. The third screenshot shows the 'Manufacturing process' section, which includes checkboxes for 'Process before the demagnetization' and 'Process after the demagnetization'. Blue arrows indicate the flow from one step to the next.