



**berntfixx<sup>®</sup> service from Berndorf**

**Your global service partner for several steel belt needs**

## Continuous service

In order to ensure the productivity of customers, the Berndorf Band Group offers extensive services as well as pioneering service equipment and devices centered around the steel belt as part of their *berntfixx*<sup>®</sup> quality brand. Operating world-wide, the company's service network performs such tasks as steel belt installations, repairs, inspections, maintenance and training for all types of belts.



“Our superbly qualified service technicians and innovative methods have put us in a position to guarantee customer satisfaction around the globe.”

*Dietmar Hödl  
Head of Service*

### Highlights

- Minimized production shutdown times
- Optimization of cost
- Flexible planning of repairs
- Hands-on acquisition of expert knowledge

## High-end service equipment from Berndorf

For the purpose of performing steel belt installations and repairs on the customer's premises, the company makes use of innovative and specially engineered service equipment that reflects the cumulative expertise of the experienced engineers and technicians working for the Berndorf Band Group. The primary objective behind this approach is to complete timely installations and repairs of the highest quality, ensuring optimum productivity.

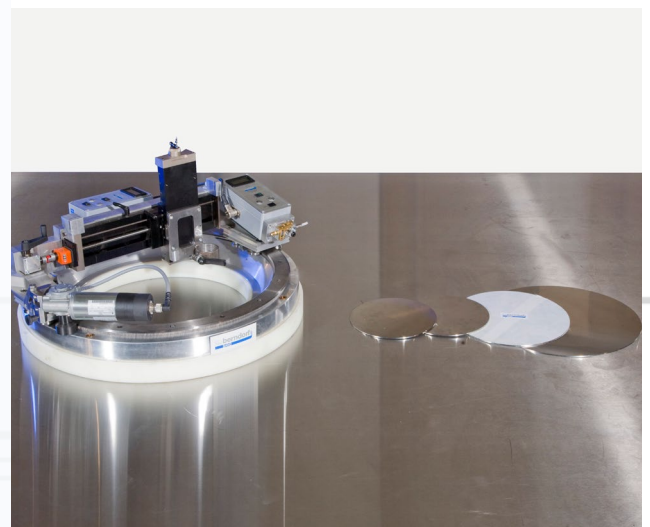


### Magnetic clamping devices

Berndorf Band Group developed a special magnetic clamping device as a means to produce high-quality steel belts with zero gaps and offset by endless welding, which have a thickness of 3.5 mm and are used in the woodworking industry. This powerful clamping system even allows for the zero-offset welding of slightly deformed steel belts.

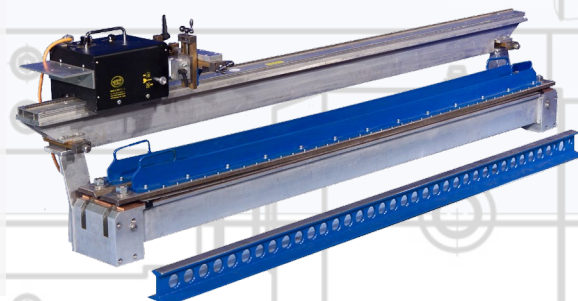
### Patching Tool

The patching tool can be used to cut out damaged portions of steel belts with diameters of up to 400 mm in a quick and easy manner. Circular insert pieces, so-called patches, are incorporated into the steel belt with superior quality and by applying innovative welding processes. The patching tool devised by the Berndorf Band Group has revolutionized the repair options for steel belts, especially in the woodworking industry.



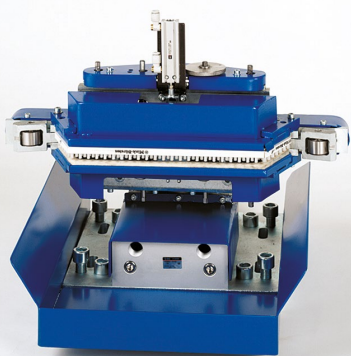
## Mechanical clamping device

This tried-and-tested mechanical clamping device allows for the endless welding of steel belts with a thickness of 2.3 mm - with zero gaps and offset and offering suitability across all industries. Flatness and thickness deviations can be reduced to the minimum while maintaining maximum stability.



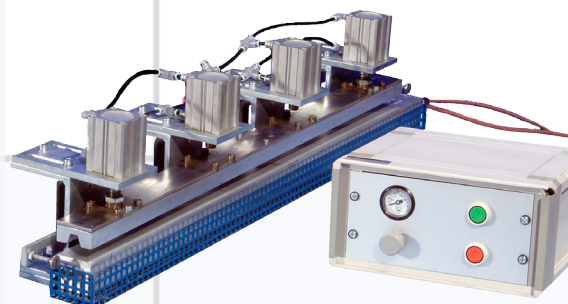
## Belt edge maintenance and repair tool

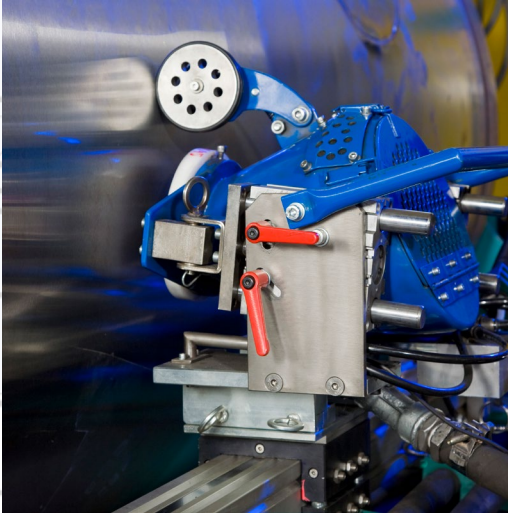
The belt edge maintenance & repair tool is used to restore a defined belt edge geometry to prevent any subsequent edge cracks in steel belts. This tool, thereby, helps extend the lifetime of the steel belt.



## Hot bonding device

The recommended tool for repairs of damaged or worn vee-ropes on the customer's premises is the hot bonding device made by the Berndorf Band Group. When combined with the company's own special adhesive, the device produces an exceptionally strong bond on the steel belt.





## High power shot peeners

The cross curvatures on steel belts pose particular challenges on account of the high tensions in the area of the belt edges. However, this challenge has now met its match in the high power shot peener designed by the Berndorf Band Group as it allows for a notable reduction of this deformation - even, for the most part, while production is in full swing.

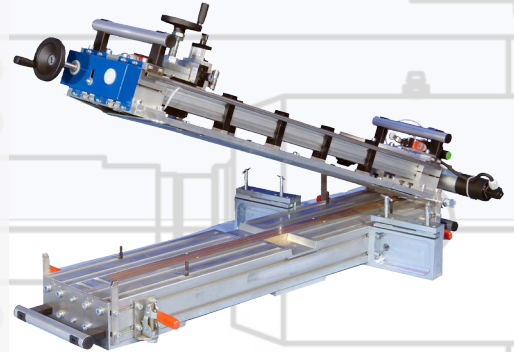
## Repair kits

All customers are recommended to keep a fully stocked inventory of tools on site that allows them to perform simple manual repairs. The repair kit includes the devices and tools necessary for the execution of all common, manual repairs on steel belts. As an added advantage, the kit can be combined with other equipment supplied by the Berndorf Band Group such as clamping devices, the patching tool or cutting and welding devices.



## Cutting and welding device

The Berndorf Band Group developed this device especially for steel belts used in the chocolate industry. Compact and lightweight, this cutting and welding device is capable of processing steel belts with maximum widths and thicknesses of 500 and 0.8 mm, respectively, even at dizzying heights. The use of a high-precision cutting wheel eliminates the need for reworking the welding edges. What is more, stops minimize the risk of cutting mistakes. Leading producers in the chocolate industry have depended on this device made by the Berndorf Band Group for many years.



## High-precision 3D measurements

The qualified staff of the Berndorf Band Group uses the FARO® Vantage Laser Tracker to take exact measurements of machines and machine parts. Delivering a measurement accuracy of up to 15  $\mu\text{m}$  (0,0006"), this high-precision measuring instrument is capable of scanning objects from distances of up to 80 meters. This measuring method makes it possible to quickly detect any issues caused by improperly adjusted machines or wear on machine parts, which may have a negative impact on the steel belt. If resulting in the appropriate countermeasures, these measurements have a positive effect on the lifetime of a steel belt.

\*FARO® and the FARO logo are registered trademarks of FARO Technologies Inc.

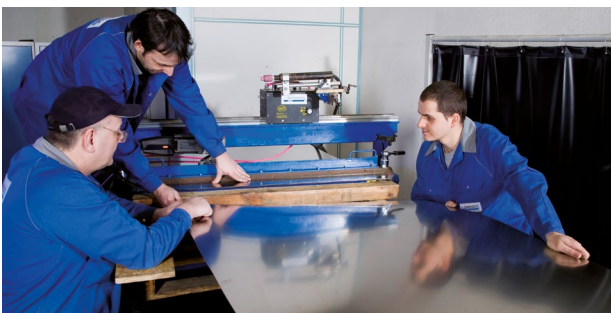


## Training seminar: steel belt know-how at first hand

In most cases, quick repairs of damage on steel belts is of superior importance. To make the most of the time until our highly qualified service technicians arrive, the Berndorf Band Group offers training seminars that are geared towards the customer's specific needs and the steel belts they are using. Customers interested in these training measures can attend our training centers in Austria, Thailand and Brazil and benefit from hands-on training under real-world conditions. While mainly focusing on basic manual repairs, the training classes also include special training sessions on the service equipment offered by the Berndorf Band Group. Participants successfully completing these sessions will receive a certificate at the end of the training.

## Mobile training center for even greater flexibility

Customers who prefer training classes to be held at their location benefit from our company's mobile training center. It offers three fully equipped workstations and the option to clamp a belt section. This equipment affords the participant training under real-life conditions. There are no differences in quality between these mobile training seminars and the training provided at our training center.



"By far the best hands-on training I have ever received. My congratulations to Berndorf and their team of expert trainers"

*Vital Braekers  
Engineering Manager, Norbord NV*

### Highlights

- Zero travel times and expenses
- Global availability
- Personalized customer seminars



# Steel Belts | Belt Systems | Worldwide Service



**Berndorf Band GmbH**  
Leobersdorfer Strasse 26  
2560 Berndorf  
Austria

E: [band@berndorf.co.at](mailto:band@berndorf.co.at)  
T: +43 2672 800 0  
F: +43 2672 841 76  
[www.berndorfband-group.com](http://www.berndorfband-group.com)

