

CURVE TECHNOLOGY  
FOR CONVEYOR SYSTEMS

# BELT BENDS / CURVED BELT CONVEYORS



MAX DÖRR

[www.max-doerr.com](http://www.max-doerr.com)

# BELT BEND ST 22

## RELIABLE CURVE TECHNOLOGY – BUILT THOUSANDS OF TIMES

- Sophisticated design, tried and tested
- Reversible conveying direction
- Small, cylindrical deflection rollers
- Perfectly suited for the food sector
- Also available as a spiral conveyor
- Available entirely in stainless steel
- Special dimensions optional



## TECHNICAL DATA

<b>Conveying angle:</b>	continuously variable from 30° – 180° (special angles available upon request)
<b>Useable width:</b>	continuously variable from 200 mm – 1500 mm (larger widths available upon request)
<b>Internal radius:</b>	continuously variable from 200 mm – 1500 mm (larger radii available upon request), an internal radius of 0 mm can be foreseen for a 180° conveying angle
<b>Conveying speeds:</b>	up to 1 m/s, constant and adjustable (higher speeds available upon request)
<b>Conveying direction:</b>	reversible
<b>Drive:</b>	friction drive, motor is installed underneath or as a direct drive at the center, along the outside radius
<b>Belt deflection rollers:</b>	cylindrical, you can choose between Ø 47 mm, Ø 22 mm, Ø 16 mm, Ø 12 mm or Ø 8 mm
<b>Continuous operation:</b>	loads of up to 75 kg (higher loads upon request)
<b>Start/Stop operation:</b>	available upon request
<b>Conveyor belt:</b>	endless synthetic material with two textile inserts, anti-static, structured or smooth carrying side, FDA quality if required
<b>Belt guide:</b>	via guide rollers fitted on the belts outside radius, which are driven along plastic guide rails
<b>Design:</b>	varnished steel, partial stainless steel or completely in stainless steel
<b>Special fittings:</b>	optional, upon request (side guides, belt scraper etc.)



SPECIALLY MADE FOR  
**SMALL ITEMS:**  
CYLINDRICAL  
DEFLECTION ROLLERS WITH  
A DIAMETER OF JUST 8 MM.

SPECIAL TECHNOLOGY ENABLES  
US TO ATTAIN  
**AN INTERNAL RADIUS OF 0 MM**  
AT A CONVEYING ANGLE OF 180°.



SPECIAL ANGLES,  
WIDTHS AND RADIUS,  
AS WELL AS **SPECIAL OPTIONS,**  
ARE AVAILABLE UPON REQUEST!



# WHY CHOOSE MAX DÖRR

## USE THE LATEST TECHNOLOGY TO ENSURE PERFECT CONVEYING

As an owner-managed family company spanning three generations, we bring tradition and innovation together. Thanks to 55 years of experience in plant engineering, we are currently a leading supplier of conveying technology solutions for the internal transportation of piece goods.

Whether component production or also the entire project engineering – we are your partner from consulting and planning to design, production and assembly, all the way up to regular system adjustments.

### CUSTOM-MADE AND CUSTOMER-SPECIFIC

We provide advice based on your individual needs and manufacture according to specific requests using the latest technology.

### LONG-LASTING AND RELIABLE

We are proud to say that our products are MADE IN GERMANY and we hold ourselves to the highest standards, which means you can rely on us to provide you with a long lasting solution.

### FLEXIBILITY AND SERVICE-ORIENTED

As a medium-sized family company, we are able to react flexibly whenever the customer needs change, thanks to our modern machinery and our own internal service team.

## ANY QUESTIONS?

**MAX DÖRR GmbH**  
Robert-Bosch-Straße 2  
75050 Gemmingen  
Germany

+49 (0) 7267 / 9122-0  
info@max-doerr.com



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[www.max-doerr.com](http://www.max-doerr.com)