Plate Rolling Machines

# KRM ST 25/5



## SKU : 130783

The models in our KRM ST series take on bending work on workpieces up to 3000 mm (118 in.) in length. The heavy, medium-capacity round bending machines have a solid, closed machine frame and a motor-driven rear roller. Conical bending and pre-bending are among the features that allow you a wide range of applications for individual production in metalworking, steel and metal construction.

- Asymmetrical structure
- Motorized drive with 4 kW
- Hardened rollers
- Conical bender

## TECHNICAL SPECS

### WORKING AREA

| | |
|---|---|
| Working length | 2.550 mm |
| Plate thickness (max.) - 450 N/mm² | 5 mm |
| max. plate thickness with prebending | 4 mm |
| max. plate thickness with prebending (Stainless steel) | 2 mm |
| Max. plate thickness for conical bending | 2 mm |
| Bending diameter (min.) | 270 mm |
| Roll diameter | 180 mm |

### DRIVE CAPACITY

| | |
|---|---|
| Motor rating main drive | 4 kW |

### MEASURES AND WEIGHTS

| | |
|---|---|
| Overall dimensions (length x width x height) | 4,35 m x 0,95 m x 1,3 m |
| Weight | 3.050 kg |



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## PRODUCT DETAILS

- Plate bending machine with heavy, closed machine frame and motorized back roll infeed for applications in locksmithery, steel and metal construction
- Equipped with asymmetric roll arrangement, the machines of this series are suitable for heavy plates
- The back roller is manually feedable, optionally the feed can also be motorized
- The crowned rolls are made of high quality steel and are hardened and therefore also suitable for processing stainless steel
- There are wire insertion grooves in the lower and rear rollers
- The powerful electric motor integrated in the base frame drives the upper and lower rolls via a reduction gearbox
- The direction of rotation is controlled by the operator via a foot switch on the separate control panel
- An electromagnetic brake prevents overrunning and allows full control in every phase of the bending process
- The rear roller is also motorized and a scale indicates the set position, a digital display is available as an option
- The upper roller can be folded up to facilitate the removal of the workpiece
- For conical workpieces, the rear roller can be adjusted to one side by loosening the coupling on the torsion shaft
- A stable side bearing absorbs the high forces that occur when machining conical workpieces
- Central lubrication facilitates maintenance and guarantees reliable functioning of the machine

## STANDARD EQUIPMENT

Back roll with motor
Conical bending feature
Hardened rollers
Emergncy stop safety rope
Separate control panel with foot switch
Operating manual

## OPTIONAL EQUIPMENT

- Digital readout for backroll, SKU : 253707



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# KNUTH on YouTube
## Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?**
**Please feel free to contact us!**



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