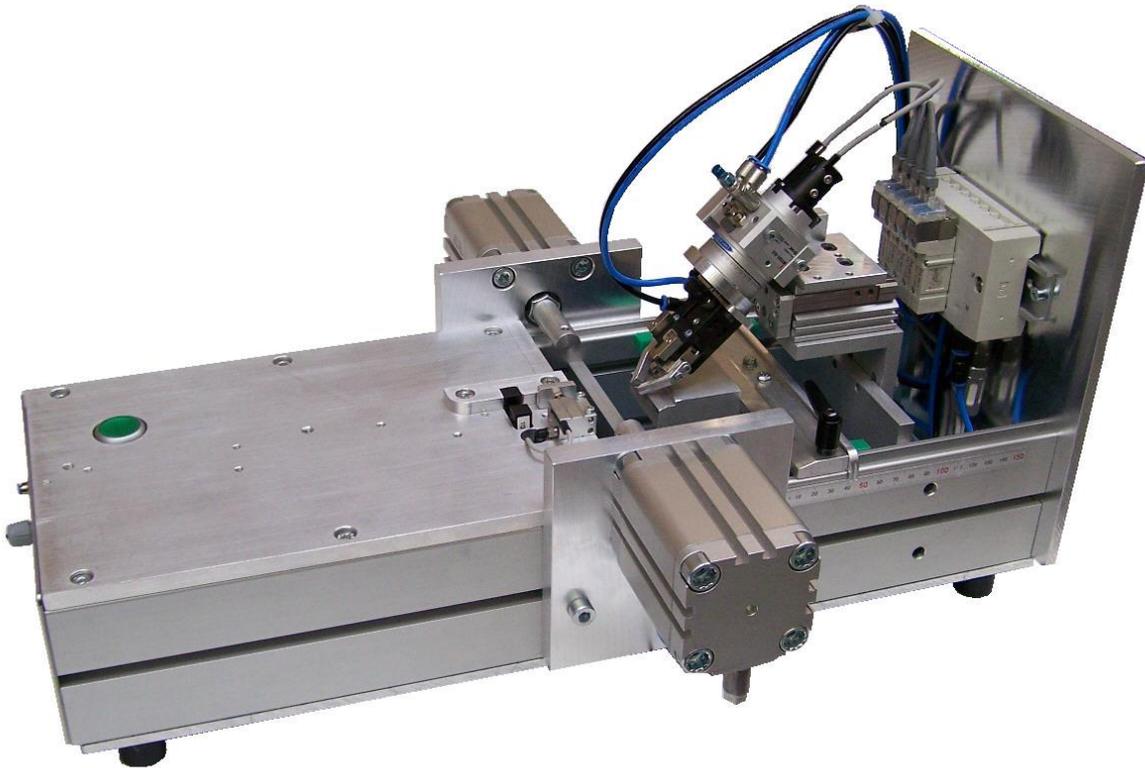


*automated bending for
cross connectors (ribbons)*



- *easy handling*
- *precise 90° angle*
- *flat beading*
- *high efficiency*

System Description

Operation

The operator places the cross-connector position exactly (guided by leading edge length and position) and press the foot pedal. The connector is clamped and gripped at the free end with the bending gripper. The at a 45° angle located bending gripper turns 180° and generates the 90° bend. Then the two press cylinders press the beading into shape. The clamp is opened again and the cross connector can be removed.

For other dimensions only the length stop has be adjusted.

economically

For contacting the junction box are generally the cross-connectors bent into L-angles. Therefor there are two alternatives.

- "Self-bending" or
- buy "ready-made connectors".

When purchasing the material supplier cuts and bends the cross connector on a fully automatic machine. So he is able to achieve a good quality. However, the disadvantage is higher cost and what is more important the higher cost of logistics, this is reflected in longer delivery times, higher costs for packaging, shipping and storage, and losses due to bending of the already pre-bent bulky L-connector.

Self-bending of the hand usually fails due to lack of reproducibility and lower quality. In addition high effort.

Due to easy handling and low invest for the bending device already on samples and small series is economical to use. Already at some hours of operation per month pays for the unit by itself, because you will save many hours of work compared to manual bending and obtain a reproducible quality.

Technical Data

dimensions	570 x 370 x 290 mm
weight	16 kg
power supply	230V
air supply	5-6bar
control	mini-PLC

repressing force	1 kN
dimensions of ribbons	3,0 x0, 1mm to 7.0 x 0.5 mm
length of bended legs	20mm up to 100mm *

* other sizes available on request

