Ref. No.: 649-12010842

Overview and Technical Data:

TRUMPF - TruBend 5170 BendMaster Production Cell

TRUMPF

Year of Build: Jun 2007

Description:

Used TRUMPF TruBend 5170 BendMaster Automated Bending Cell

Operating Hours 31.10.2015: 65609

Work / and technical data of the press brake

- Crimping force: x1700 kN
- Dimensions of the press:
- Height: 3000 mm
- Width: 5240 mm
- Depth: 1865 mm
- Folding: 4250 mm
- Free Stand passage: 3680 mm
- Installation height: 615 mm
- Stroke: 445 mm
- Operating pressure: 300 bar
- Follow-up time: 95 mn
- Stopping distance at 220 mm / s: 10 mm
- Stopping distance at 160 mm / s: 8.5 mm
- Voltage: 400V 3x
- Rated current: 41 A
- Frequency: 50 Hz
- Power consumption: 28,0 kVA
- Control voltage: 24 V =
- Compressed air supply: 6 bar

Features of the press brake

- Backgauge system 6-axis
- Upper and lower tool clamping hydraulically "New Standard Clamping"

- crowning CNC
- ACB bar
- Electrical lower tool shift I-axis (stepless)
- Speed Y-axis
  - Y Eilabgangsgeschwindigkeit [mm / s] 220
  - Y working speed [mm / s] 0.1-10
  - Y-retracting speed [mm / s] 220
- Y-axis
  - Type [mm] CNC-controlled
  - Stroke [mm] 445
  - Positioning repeatability [mm] 0.005
  - Max. Stop range [mm] 860mm
- X axis
  - Execution CNC controlled
  - Stroke [mm] 600
  - Positioning repeatability [mm] 0.04
  - Speed [mm / s] ² 0 - 1000
- R-axis
  - Execution CNC controlled
  - Stroke [mm] 250
  - Positioning repeatability [mm] 0.08
  - Speed [mm / s] ² 0-330
- Z-axis
  - Design manual or CNC-controlled
  - Stroke [mm] 2400/3390
  - Positioning repeatability [mm] 1.00
  - Speed [mm / s] ² 0 - 1000

Work / and specifications of BendMaster (robot)

- load 55kg
- Component weight 40kg
- Voltage 3x400 V
- Rated current 16.0 A
- Frequency 50 Hz
- Connected load 7.5 kVA
- Control voltage 24 V =
- Compressed air connection 6 bar

Features of the robot arm

- Vacuum technology or magnetic technology adaptable
- sheet metal sensors
- weight sensors
- Back gauge sensors

Features of bending cell

- Road 10 m
- 1x conveyor belt
- 2x pallet conveyors
- Front with sliding door
- Sidewall right Sliding

Security bending cell

- Last UVV examination 2015 - DEKRA
- protection fence
- up door

Papers

- specified layout
- service book
- Maintenance Report 15/04/2015
- Manual
- Maintenance repair work
- 15/04/2015 maintenance
- 06/24/2013 maintenance
- 03/05/2015 exchange Visual PC

- 05/21/2015 Installation of a new ASI card
- 04.06.2012 Software Update B03_SW_V08.02.01_B002
- 30.11.2011 maintenance
- 16.06.2011 Software Update from V05.03_B01 on V05.03._B01
- Remastered 16.06.2011 Z axis

Bending cells – Automated bending

TruBend Cell stands for flexible and cost-effective bending cells by TRUMPF. With automated bending you can manufacture small or big parts in multiple shifts, using reliable processes. The system's high productivity means you profit from lower cost per part. A wide range of options transform every bending cell into a tailored automation system.

TruBend Series 5000

Machines in the TruBend Series 5000 combine innovative technology with precision. They are flexible when you need to bend a variety of parts.

The entire bending process from programming and tool set up to bending itself, is extremely productive.

In addition, you can automate these machines using the BendMaster.

Features of the TruBend Series 5000 include:

- Productive process, from programming and tool set up to bending
- A variety of tonnages and options are available
- The first part is a perfect part
- Can be automated with the BendMaster

Technical Data:

Technical Data:

Control: TASC 6000
Machine Hours: 65609

Dimensions and Weight:

Weight: 16.000 kg

Buyer Information:

Condition: Very good condition
Available: Sold
Sold as:
EXW (Ex Works - Incoterm)
VAT: 19 %
Buyers Premium: 15 %
Location: Germany