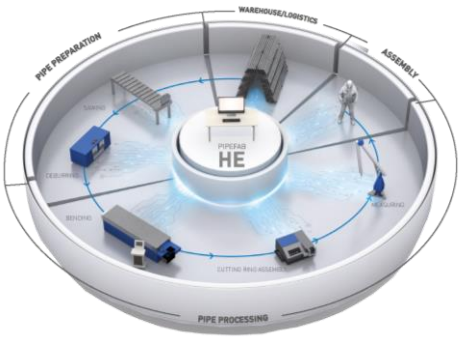
TUBOSCAN S100

OPTICAL PIPE MEASURING SYSTEM INCL. TEZETCAD

BASIC EQUIPMENT / FEATURES



- Non-contact optical detection of pipe geometries within a few seconds
- Precise measurement results through the use of high-resolution camera technology
- TeZetCAD special pipe software, including the following functions:
    - Master input of x, y, z and bending data
    - Manage pipes: Load / save master pipe and measured pipe
    - Bestfit: measured pipe to master (target tube)
    - Bestfit extended: measured pipe to a coordinate point
    - Align pipe to 0 in the coordinate system
    - Data table: change of x, y, z intersection coordinates or bending data
    - Data table: Change of bending coordinates without A/B end displacement
    - Calculate correction values for the bending machine
    - Modify pipe: shorten, divide, join, insert,...
    - Excel test reports: various measurement reports summarized
    - Interface to TT pipe bending software PIPE FAB

ADDITIONAL EQUIPMENT / ACCESSORIES

- Software module for measuring and machining free-form bent pipes

TECHNICAL DATA

Measuring volume, approx. (LxWxH)	1000 x 800 x 400 mm
Pipe diameter	Ø > 2 mm
Maximum measuring length, approx.	1200 mm
Measuring accuracy	± 0,025 mm (Standardabweichung 6 Sigma)
Measuring time	10 s
Camera technology, light sources	1xCCD, 24 LED
Software	TeZetCAD
Dimensions	1320 x 920 x 1950 mm
Weight	490 kg
Connected load	0,8 kW

PIPE BENDING SYSTEMS GmbH & Co. KG
Hunold-Rump-Str. 76-80 • 57368 Lennestadt • Deutschland
info@pipe-bending-systems.de • www.pipe-bending-systems.de