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Ref. No.:

R1418-04231025

Overview and Technical Data:

High-Quality CNC Tube Bending Machine transfluid DB 642-CNC-R/L for Sale – Fully Automated & Like New

NOT DEFINED



Multiple Makesor Not Defined

Year of Build:

Dec 2020

Description:

High-Quality CNC Tube Bending Machine transfluid DB 642-CNC-R/L for Sale – Fully Automated & Like New

Are you looking for a reliable, high-precision, and fully automated solution for tube processing?

We are offering a first-class DB 642-CNC-R/L mandrel bending machine from the premium manufacturer transfluid as a complete manufacturing cell. The system impresses with its excellent condition, currently showing only 1,367 operating hours, and an exclusive special equipment package including a retrofitted laser hole detection system. Thanks to the intelligent CNC control and fully servo-electric drives, you can bend complex geometries efficiently, gently on materials, and with the highest repeatability.

Your Benefits & Highlights at a Glance:

- **Minimal Wear:** With only 1,367 operating hours, the system is in an excellent, almost like-new condition.
- **Fully Automated Process:** The system is designed as a complete manufacturing cell and features automatic loading.
- **Maximum Flexibility:** The machine is capable of right- and left-hand bending. Changing the bending direction takes only approx. 3.5 seconds.
- **Freeform Bending:** Equipped with a powerful push-bending device (10 KN), freeform geometries can be realized, and thin-walled materials can be bent optimally.
- **Smart Upgrade:** The retrofitted laser hole detection guarantees absolute precision for pre-processed tubes.

?? Technical Specifications

- Performance & Capacity
 - Tube material steel: up to 42 x 3.0 mm.
 - Tube material stainless steel: up to 42 x 1.5 mm.
 - Bending angle: 180° + 10° overbending.
 - Usable length / Tube slip-on length: 3,048 mm.
 - Drives: All main and secondary axes (incl. bending head, rotation, clamping) operate servo-electrically.
 - Repeatability: Bending axis, length, and rotation operate with an accuracy of +/- 0.05.
- Automation (Handling & Conveying)
 - Loading system: Chain conveyor ABE-KF 2000 (designed for tube lengths of 110-2,000 mm and tube Ø 6-30 mm).
 - Magazine capacity: Volume for approx. 80 pieces.
 - Transfer: Handling system with servo-electrically controlled swivel arm and gripper modules.

- Unloading: Integrated conveyor belt (1,000 mm wide, max. unloading height 900 mm) for the safe removal of components.
- Control & Software
 - Hardware: Simatic PC (Core i5, 8 GB RAM, Windows 10 IoT) with a 22" widescreen display.
 - Software package: Includes T PROJECT PROF -N1 collision program.
 - Functions: 3D simulation of the bending process with collision test and automatic calculation of proposed solutions in the event of a collision.
 - Data import: STEP interface for easy transfer of 3D CAD data.
- Additional Features
 - Safety: CE-compliant safety enclosure (DB-SA 004) with multi-zone scanners and access door.
 - Maintenance & Care: Central lubrication system and high-performance lubrication system (minimum quantity lubrication) for the lowest maintenance effort.
 - Remote diagnostics: Integrated remote diagnostic system (FDS 001) for quick assistance from the manufacturer.
 - Tool packages: Various segment collets, bending tools, and wiper dies for different diameters (e.g., 12 mm, 18 mm, 22 mm) are included in the package.

Technical Data:

Technical Data:

Control:

[CNC](#)

Buyer Information:

Condition:

[Very good condition](#)

Available:

[Immediately](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

18 %

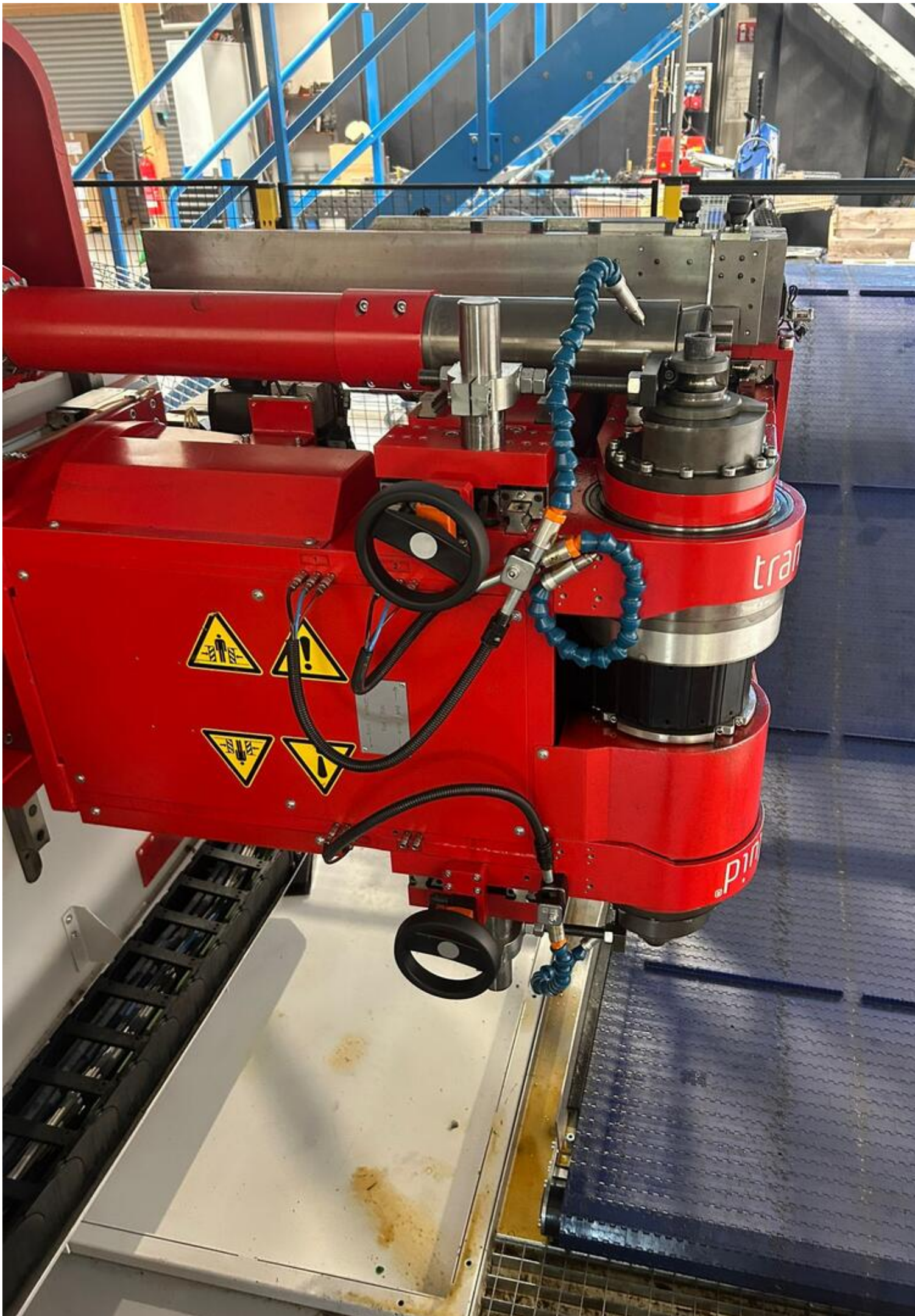
Location:

Austria

Images:









DB 642-CNC-R/L

+U1

transfluid®









Asset-Trade

Assessment and Sale of Used Assets world wide

Am Sonnenhof 16

47800 Krefeld

Germany

Tel.: +49 2151 32500 33

Fax.: +49 2151 65 29 22

Email: info@asset-trade.de

Web.: <https://www.asset-trade.de/en>

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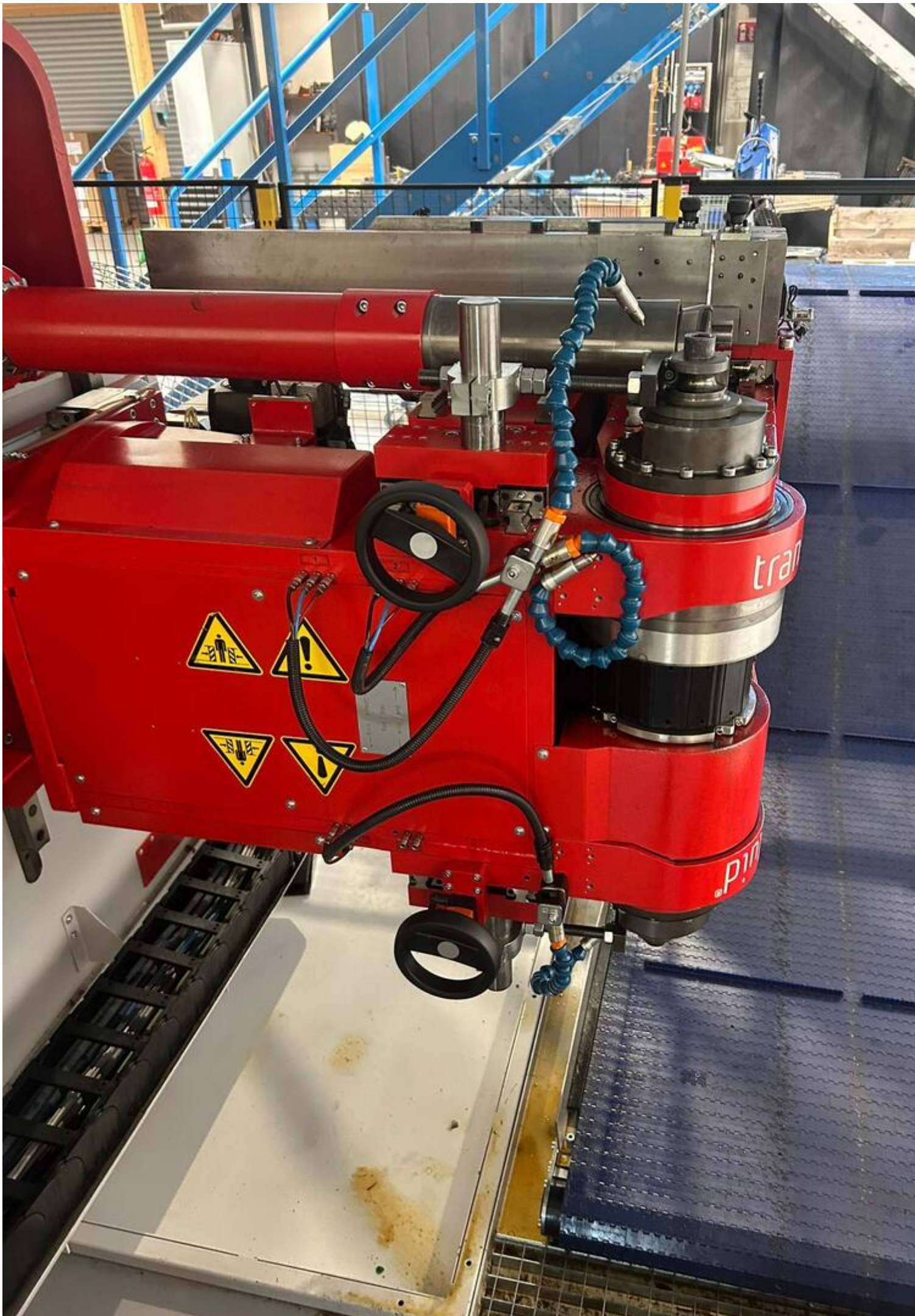
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