

F1 Products and Solutions for Tube Processing

Protube Engineering supplies a range of high-quality machines for tube bending, forming, cutting and cleaning as well as the appropriate grease and oils.

TUBE BENDING, FORMING, CUTTING AND CLEANING MACHINES

Our partner, Transfluid is an internationally preferred supplier for the production of pipe machining and bending machines. They have been developing their pipe machining technologies in a customer-centric manner since the company was founded in 1988.

Together with Transfluid, we offer tailor-made solutions for applications ranging from plant and mechanical engineering, the automotive & energy industries, shipbuilding and aerospace to the production of medical equipment.

MOBILE BENDING MACHINES: Transportable, versatile and thoroughly tried and tested: the mobile bending machine is a smart companion for any bending directly on the object, because of its simple and effective technology.



CNC MANDREL BENDING MACHINE WITH SERVOELECTRIC MOTORS: The solution for the future: highly dynamic and flexible, thanks to the 100% servoelectric technology. The equipment of our mandrel bending machines with fully automated controls can be customized and individually selected and adapted.



CNC MANDREL BENDING MACHINES FOR LARGE TUBE DIAMETERS: Our wide range of t bend machines has the perfect solution for every application. Great results for tube diameters from 6 mm to 330 mm with different models. They can be used for tubes with thin or extremely thick walls and profiles. The fully automated solution for the ideal cost/results ratio.



GREASES AND OILS

TRANSLUB-MF (GREASE): is an oil-free, water-based lubricant and form that are completely free of mineral oil and chlorinated paraffin. They are suitable for use in high performance bending and deep drawing. The benefits are:

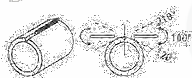
- Reduced product consumption
- Improved Tool life, and improved surface quality of the parts
- Less rework or scrap
- Does not drop, less contamination of clothing, gloves and soil
- Welding usually without intermediate purification is possible
- Reduced wastewater
- No solvents and heavy alkaline detergents necessary
- No discoloration of the workpiece. Low contamination of the washing fluid tanks



TRANSLUB-U (OIL): is a synthetic special lubricant for non-cutting and metal forming. It is also very suitable for bending. It forms a very heavy-duty lubricating film on the surface which does not tear off or break through even under the highest shear stress. This high performance oil is free of PVB/ PCT, Chlorine, Silicone, Heavy Metals (Barium, Zinc, Molybdenum) and is toxicologically harmless.

TUBE BEVELLING AND CUTTING MACHINES

WELD BEAD (EXTERNAL) SHAVING FOR PIPE –
LENGTH DIRECTION



WELD BEAD SHAVING FOR PIPE – LENGTH AND
CIRCUMFERENCE DIRECTION



WELD PREPARATION FOR PIPE, PLATE &
CIRCULAR PLATE



PIPE CUTTING, BEVELLING AND WELD
PREPARATION

