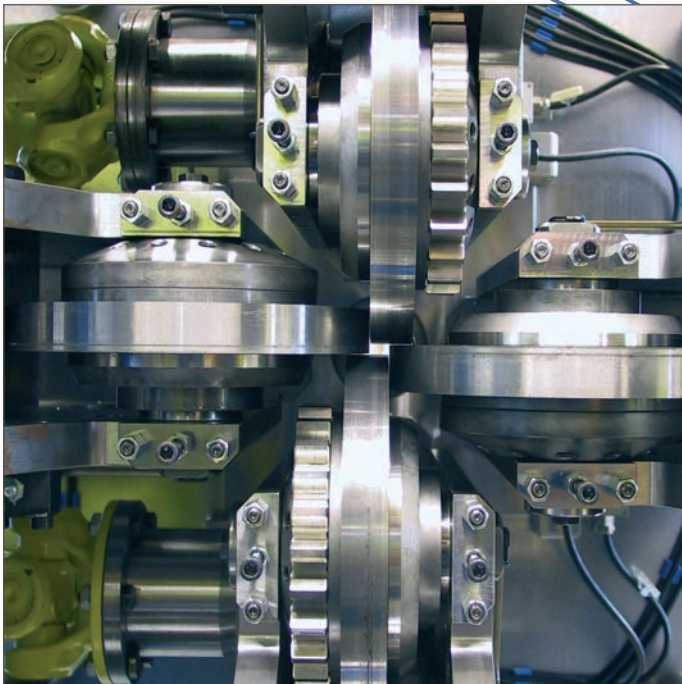


WST

Universal Profile Rolling Machine

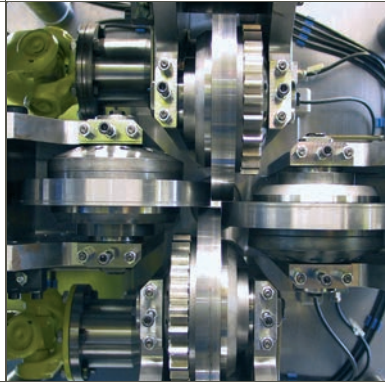
Flexible Wire Shaping with Maximum Precision



WWW.FUHR-WIRE.COM

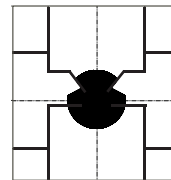
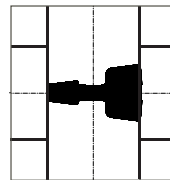
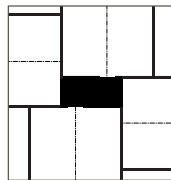
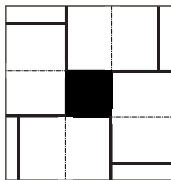
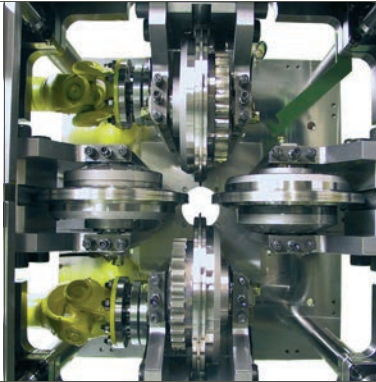
Universal

Change of dimensions without change of rolls by radial and axial roll movement



Special

Production of special sections with shaped rolls



Accessories:

- » Centralised lubrication system for roll bearings
- » Wire guides in different designs
- » Roll mounting devices and bearings
- » Rolling rings from different materials (e.g. steel, tungsten carbide)

Design Variations:

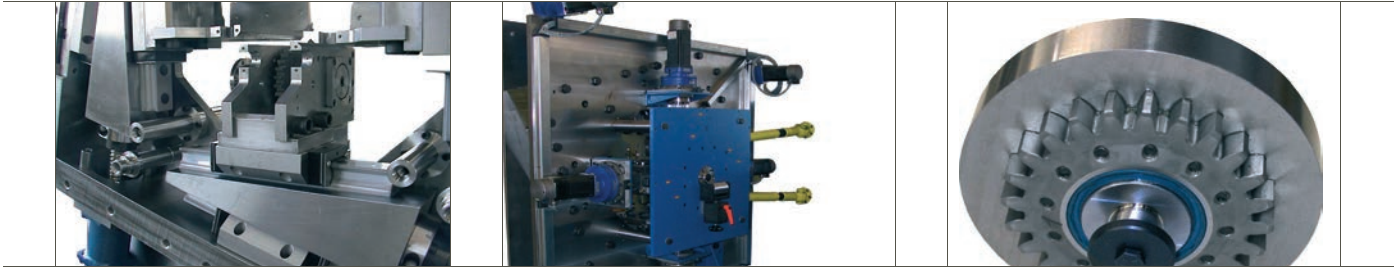
Rotary drive of rolls:

- » Optional drive of 1, 2, 3 or 4 rolls by separate motors
- » Electronic load distribution for simultaneous use of rolls with different diameter

NC-positioning of rolls:

- » Input of wire dimensions through a touch panel
- » 8-axis step motor control
- » Automated calibration in 15 minutes
- » Roll force measuring for machine protection

Universal Profile Rolling Machine **WST**



Strong

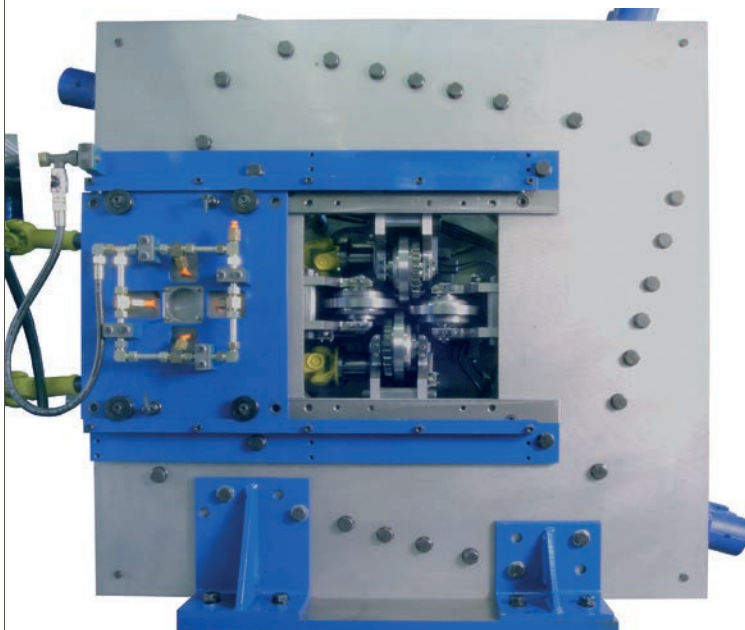
Wedge adjustment with linear guides free of play

Fast

Step motors for positioning of rolls with 8-axis control

Precise

Roll with drive gear

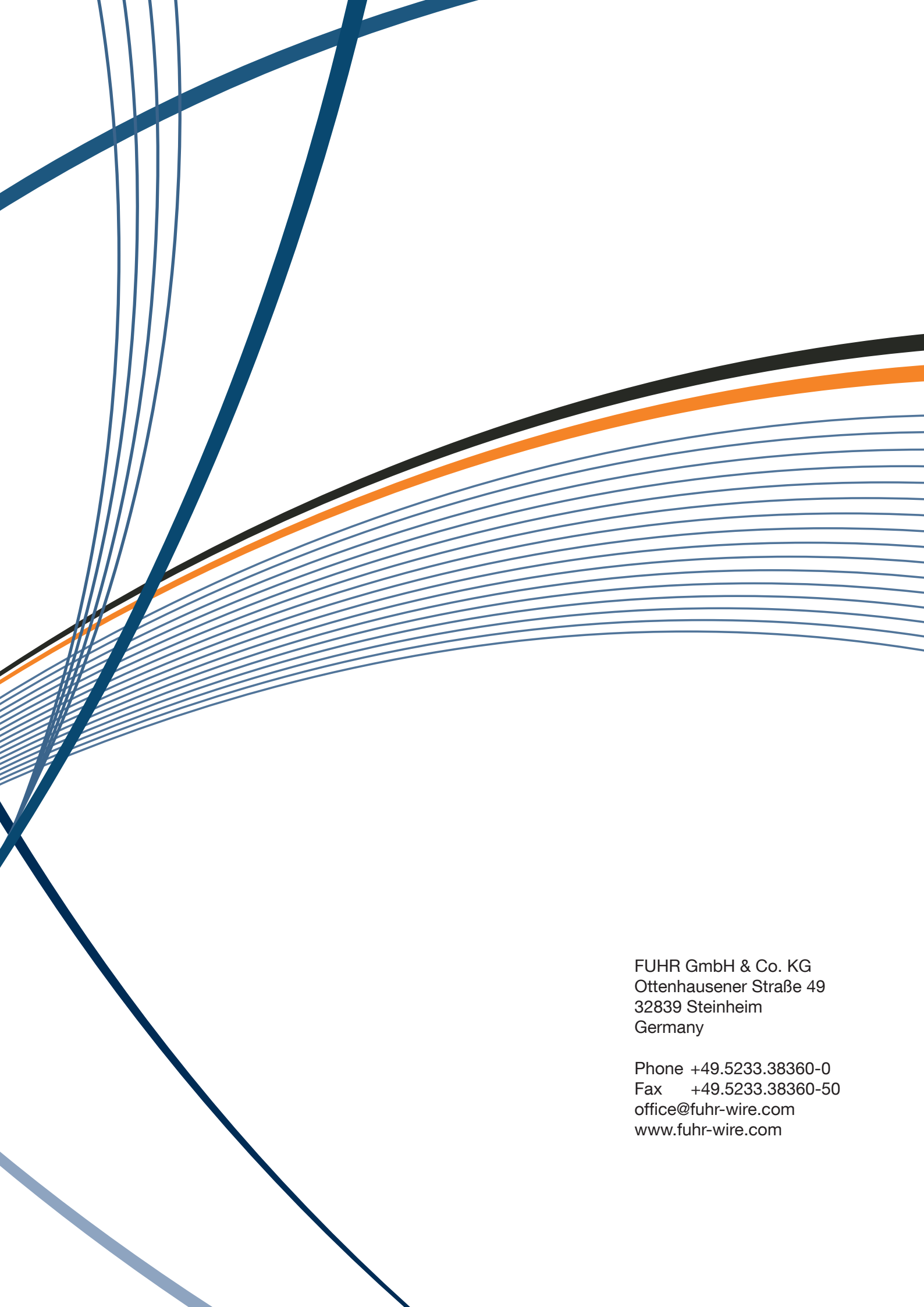


Machine Characteristics:

- » 4 rolls without drive
- » Roll movement in two directions, mechanically coupled
- » Manual roll adjustment
- » Roll bearings without axial play
- » Rust-proof by galvanisation
- » Low-maintenance design

Technical Data:

Typ	WST112	WST175	WST280	WST350
Roll diameter [mm]	108 - 120	150 - 180	255 - 285	330 - 360
Max. roll width [mm]	20	32	50	60
Max. rolling force [kN]	40	112	300	500



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