

Maschinen und Dienstleistungen
für die Drahtindustrie

schmidt

Maschinenbau GmbH
Machines for the wire industry

EDM Wire Product Line

Machinery, expertise and support for
EDM wire production

Advice

Engineering

Design work

Machinery delivery

Commissioning

Training



*specialized for
powerful solutions*



Schmidt

Maschinenbau GmbH
Machines for the wire industry

Quality and efficiency for the stainless steel industry

Schmidt Maschinenbau GmbH offers outstanding performance through excellence in design, manufacturing and service, as well as by having a dedicated team of professionals ready to meet our customer's requirements with a high degree of flexibility.



Top quality EDM wire

Our range of services for the EDM wire industry comprises of:

- ☑ Consulting
- ☑ Design
 - ☑ Machine manufacturing
 - ☑ Commissioning
 - ☑ Training
 - ☑ Maintenance
 - ☑ Repair
 - ☑ Reconditioning



Automatic spool changer for the highest productivity

EDM wire drawing machine

Fine wire drawing machine 20-2/31 in modular design, equipped with a Niehoff type R 100 conductive annealer. Available with tail stock spindle spooler P 125–250 or automatic spool changer A 125–250.

Wire material :	Brass, zinccoated brass
Inlet dia. :	0.8 mm (20 AWG)
Range of finish wire :	0.05 to 0.15 mm (35 to 44 AWG)
Max. no. of dies :	31 (10 x 14.5 % CR + 10 x 11.5 % CR + 10 x 10 % CR + 1 x 9...13 % CR)
Speed :	25 m/s – 35 m/s (5,000 to 6,500 fpm)
Tensile strength :	500 to 1,100 MPa





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Wire drawing machine 180-15 equipped with a Niehoff type RI 120 inductive annealer. Available with tail stock spindle spooler P 125–250 (160–355) or automatic spool changer A 125–250 (160–355).

Wire material : Brass, zincoated brass
 Inlet dia. : 1.2 mm (16 AWG)
 Range of finish wire : 0.15 to 0.35 mm (27 to 34 AWG)
 Max. no. of dies : 19 (15 % CR)
 Speed : 25 m/s – 35 m/s (5,000 to 6,500 fpm)
 Tensile strength : 500 to 1,100 MPa



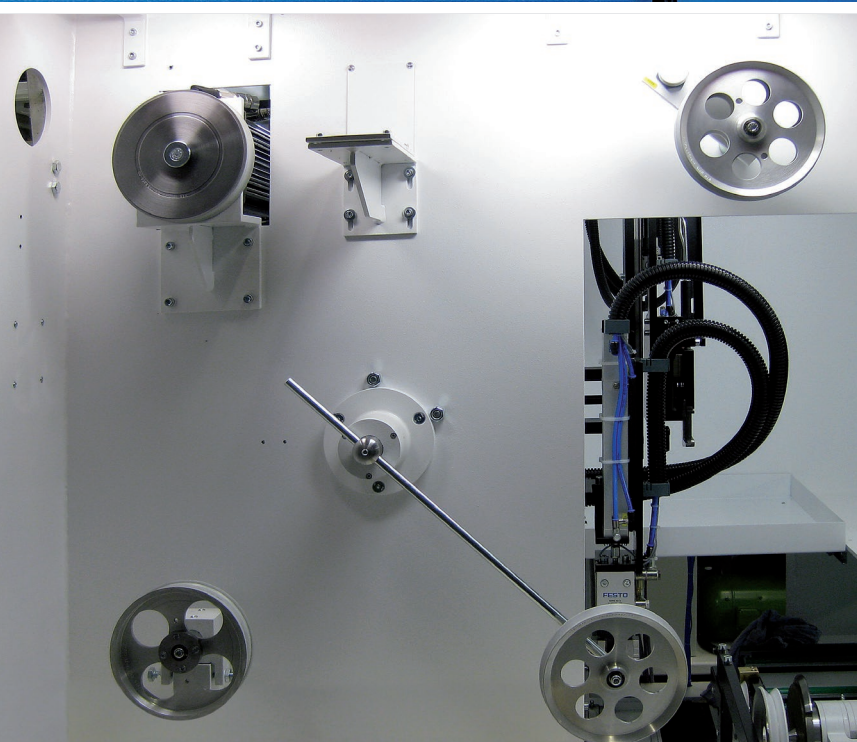
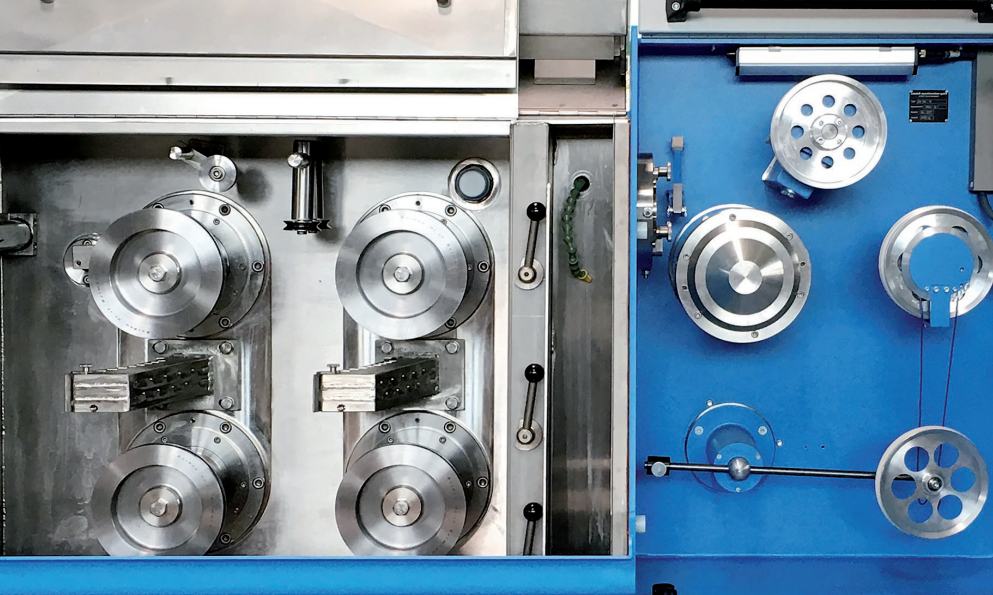
Wire drawing machine 150-40/13 with tail stock spindle spooler P 630. Available to be equipped with Niehoff type RI 170 inductive annealer.

Wire material : Brass
 Inlet dia. : 2.4 mm (11 AWG)
 Range of finish wire : 0.5 to 1.2 mm (17 to 24 AWG)
 Max. no. of dies : 13 (15 % CR)
 Speed : 15 m/s (3,000fpm)
 Tensile strength : Max. 1,100 MPa



Respooling machines consisting of driven **pay-off PA 630** and **take up spooler P 630** for zinc coating (galvanizing) of brass wire or diffusion annealing of zincoated wire

Wire material : Brass
 Wire dia. : 1.2 mm (17 AWG)
 Spools : DIN 630 (500 kg / 1,000 lbs)
 Speed : 15 m/s (3,000 fpm)
 Tensile strength : Max. 1,100 MPa



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Machines for the wire industry

Your competent partner for a broad
range of equipment

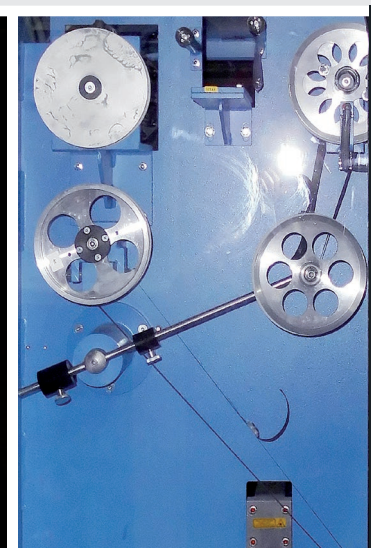
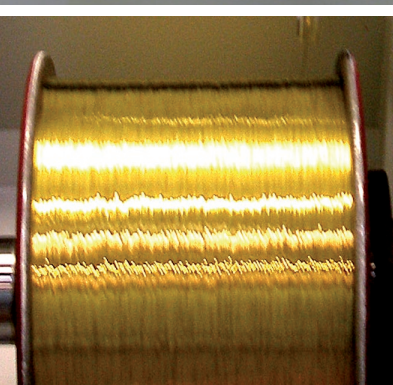
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