



MT 200 / RT 202
Tandem Wire Drawing Line for Telephone Cables

MT 200 / RT 202

Design:

- left and right-hand versions
- 2-zone annealing system, electrically neutral (no current flow to other machines)

Increase in quality:

- absolutely constant wire exit temperature achieved by DC preheating with separate closedloop control system

Increase in productivity:

- constant wire tension through dancer synchronization with the extrusion line
- contactless temperature measurement system on the wire exit
- haul-off capstan integrated in the preheating section minimizes wire tension to the extruder

Energy and cost efficiency:

- wire drawing, annealing and preheating in a single, compact unit
- ergonomic and user-friendly machine design, with easy maintenance

Technical data

| | | Standard | reinforced |
|---|-----|--------------------|--------------------|
| max. production speed | m/s | 40 | 40 |
| | fpm | 7874 | 7874 |
| max. inlet dia.: (Cu soft / hard) | mm | 2.6/2.9 | 3.5/3.5 |
| | AWG | 10/9 | 7 ½ / 7 ½ |
| finished dia. | mm | 0.30 ... 0.90 | 0.30 ... 0.90 |
| | AWG | 28 ½ ... 19 | 28 ½ ... 19 |
| max. no. of drafts: | | 17 | 17 |
| wire elongation per draft | % | 26, optionally 24 | 26, optionally 24 |
| max. annealing power (without transformer) | kW | 27 | 27 |
| max. annealing current | A | 850 | 850 |
| max. annealing voltage | V | 53 | 53 |
| max. preheating output | kW | 9 | 9 |
| max. preheating temperature | °C | 160 | 160 |
| | | | |
| input rating of the individual drives (AC) | kW | 70/6 | 100/6 |
| | HP | 94/8 | 134/8 |
| machine dimensions (W x D x H) (without transformer) | m | 3.00 x 1.80 x 2.34 | 3.00 x 1.80 x 2.34 |
| weight (without transformer) | kg | approx. 3,500 | approx. 3,500 |