



MT 200 / RDA 200 Inline Wire Drawing Line for Data Cables

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF



MT 200 / RDA 200

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
- calibration die for highest surface quality and consistently adjustable elongation

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 line 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

We reserve the right to modify technical specifications according to technical improvement and advances. 04.2014