

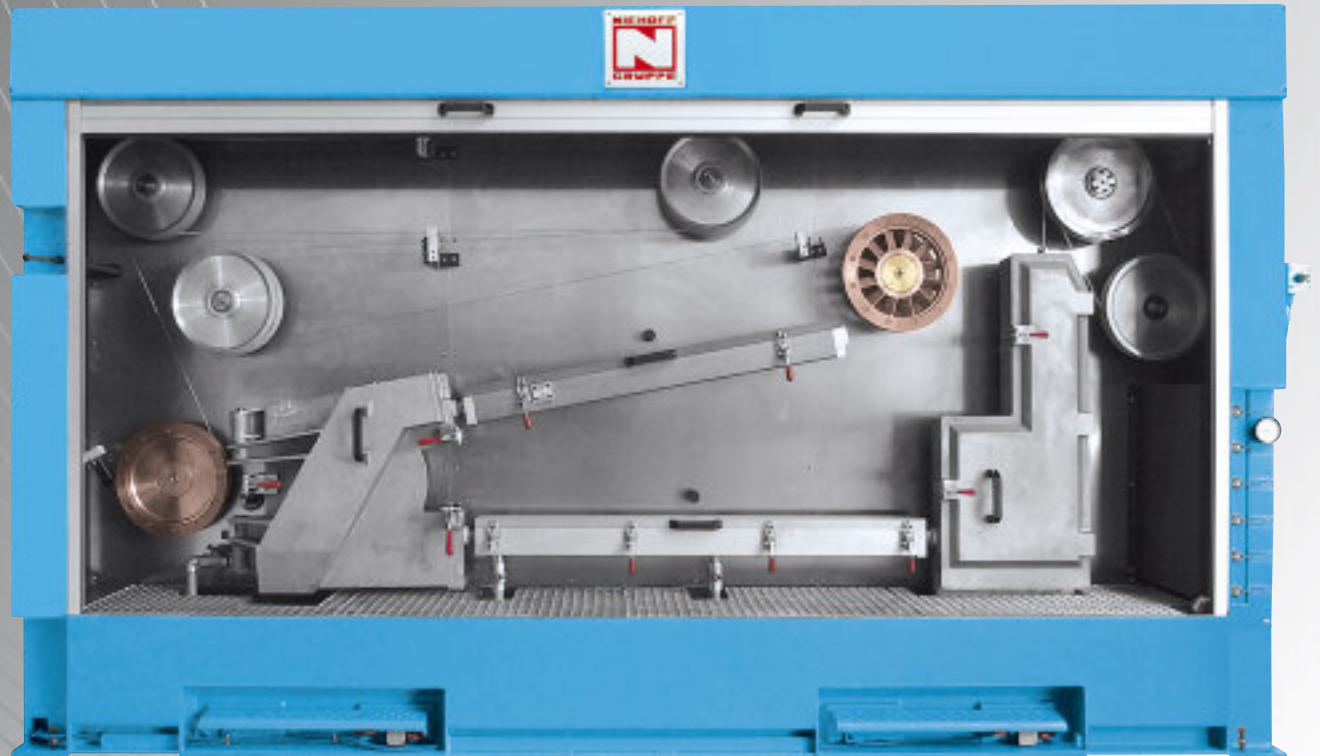
R 401

Continuous Resistance Annealer

For rod breakdown machines



NIEHOFF – worldwide
most advanced technology for
the wire and cable industry



For inline operation with rod breakdown machines

- DC resistance annealer for Non Ferrous wires with the highest quality requirements
- 2-zone annealing system, electrically neutral (no current flow to other machines)
- ergonomic and user-friendly machine design, with easy maintenance
- digital annealing voltage control for consistent wire quality
- enclosed wire path for reduced consumption of protective gas
- freely accessible slip rings and carbon brushes
- coolant system integrated in the annealer (incl. tank, heat exchanger and pump)
- driven by the drawing machine
- single wire path with no crossover
- effective single-wire drying



NIEHOFF – your partner with a worldwide service and sales network.
Our experienced customer support team is always on hand

Technical data

	4000 A					5000 A				
max. individual wire dia. (mm):	0.6 ... 1.75	1.89	2.58	2.74	2.95	0.6 ... 2.0	2.1	2.88	3.0	3.3
	(22 ½ ... 13 ½)	(12 ½)	(10)	(9 ½)	(9) AWG	(22 ½ ... 12.0)	(12)	(9)	(8 ½)	(8) AWG
at max. production speed (m/s):	35	31.5	16	12.5	9.4	35	31.5	16	12.5	9.4
	(6890)	(6200)	(3150)	(2460)	(1850)	(6890)	(6200)	(3150)	(2460)	(1850)
	fpm					fpm				
finished dia. (for Cu) in mm:	0.6 ... 3.56	(22 ½ ... 7 ½ AWG)				0.6 ... 3.56	(22 ½ ... 7 ½ AWG)			
contact pulley dia. (mm):	355					355				
max. annealing power (kW): (without transformer)	200	(268 HP)				250	(335 HP)			
max. annealing current (A):	4000					5000				
max. annealing voltage (V):	66					68				
machine dimensions (W x D x H) in m: (without motor and transformer)	3.9 x 1.27 x 2.25					3.9 x 1.27 x 2.25				
weight (kg): (without motor and transformer)	approx. 5650					approx. 5650				

(We reserve the right to modify technical specifications according to technical improvement and advances)

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