



R 502
Continuous Resistance Annealer

R 502

Design:

- AC-continuous resistance annealer in single or two wire version
- 3-zone annealing system, electrically neutral (no current flow to other machines)
- driven by the drawing machine or by separate drives
- single wire path with no crossover
- freely accessible slip rings and carbon brushes

Energy and cost efficiency:

- reduced consumption of energy
- ergonomic and user-friendly machine design, with easy maintenance
- enclosed wire path for reduced consumption of protective gas

Technical data

type		single-wire						two-wire				
max. individual wire dia.	mm	1.0 ... 2.2	2.5	3.5	3.95	4.5	0.8 ... 1.6	1.8	2.60	2.8	3.2	
	AWG	18 ... 11 ½	10 ½	7 ½	6 ½	5	20 ... 14	13	10 ½	9 ½	8	
max. production speed	m/s	40	31.5	16	12.5	9.4	40	38	24	19	11	
	fpm	7,874	6,200	3,150	2,460	1,850	7,874	7,480	4,724	3,740	2,165	
finished dia. (for Cu)	mm	1.0 ... 4.5					0.8 ... 3.2					
	AWG	18 ... 5					20 ... 8					
contact pulley dia.	mm	500					500					
max. annealing power (without transformer)	kW	350					600					
	HP	469					804					
max. annealing current	A	8,000					8,000					
max. annealing voltage	V	60					60					
oil-cooled slip rings		standard					standard					
machine dimensions (W x D x H) (without motor and transformer)	m	5.25 x 1.58 x 2.30					5.25 x 1.58 x 2.30					
weight	kg	approx. 7,800					approx. 8,000					