

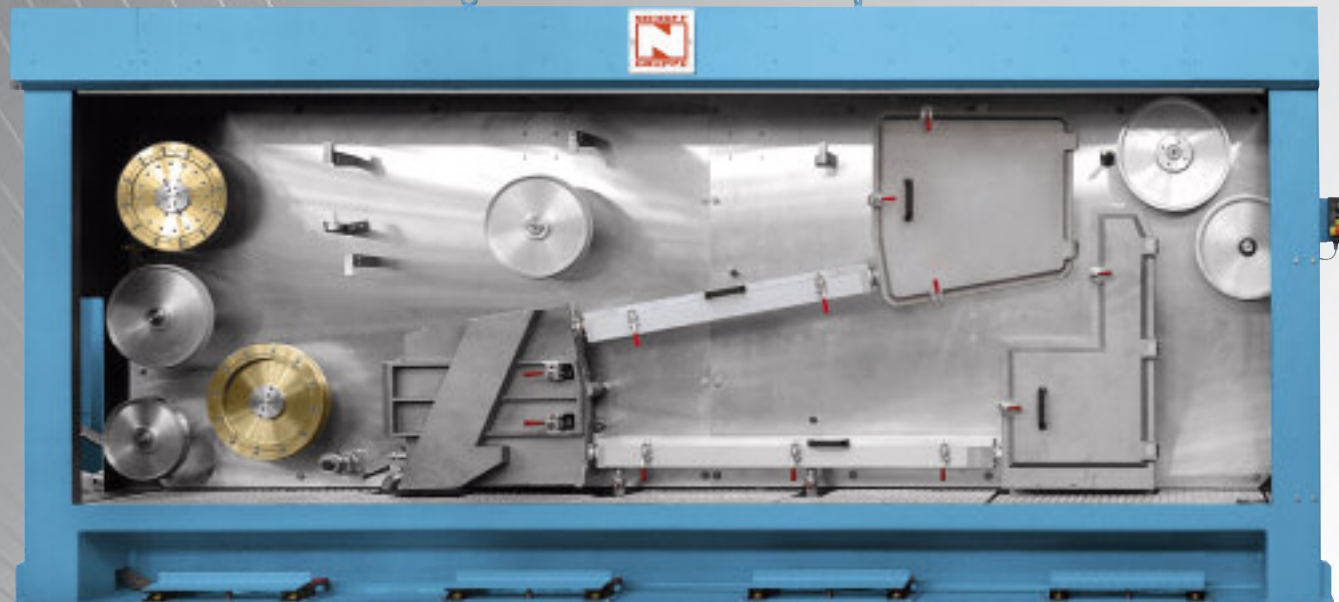
R 501

Continuous Resistance Annealer

Single or two-wire versions for rod
breakdown machines



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



For numerous combinations with rod breakdown machines

- continuous resistance annealer in single or two-wire version
- 3-zone annealing system, electrically neutral (no current flow to other machines)
- ergonomic and user-friendly machine design, with easy maintenance
- left and right-hand versions for Non Ferrous wires with the highest quality requirements
- annealing voltage control for consistent wire annealing 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 or by separate drives
- single wire path with no crossover
- effective single-wire drying

Technical data

	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	2.45	2.8	3.2
	(18 ... 11 ½)	(10 ½)	(7 ½)	(6 ½)	(5)	(20 ... 14)	(13)	(10 ½)	(9 ½)	(8)
	AWG					AWG				
max. production speed (m/s):	40	31.5	16	12.5	9.4	40	31.5	16	12.5	9.4
	(7874)	(6200)	(3150)	(2460)	(1850)	(7874)	(6200)	(3150)	(2460)	(1850)
	fpm					fpm				
finished dia. (for Cu) in mm:	1.0 ... 4.5					0.8 ... 3.2				
	(18 ... 11 ½ AWG)					(20 ... 8 AWG)				
contact pulley dia. (mm):	450					450				
max. annealing power (kW):	350					400				
(without transformer)	(469 HP)					(536 HP)				
max. annealing current (A):	8000					8000				
max. annealing voltage (V):	60					60				
water-cooled slip rings:	standard					standard				
machine dimensions (W x D x H) in m:	5.0 x 1.36 x 2.3					5.0 x 1.36 x 2.3				
(without motor and transformer)										
weight (kg):	approx. 6600					approx. 6800				

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

MASCHINENFABRIK NIEHOFF GmbH & Co. KG
Fürther Str. 30
91126 Schwabach, Germany
Telephone: +49 9122 977-0
Telefax: +49 9122 977-155
E-Mail: info@niehoff.de
Internet: www.niehoff.de

MASCHINENFABRIK NIEHOFF GmbH & Co. KG
Schwendener Str. 25
87616 Marktoberdorf/Leuterschach,
Germany
Telephone: +49 8342 7008-0
Telefax: +49 8342 7008-40

NIEHOFF ENDEX NORTH AMERICA INC.
1 Mallard Court
Swedesboro, NJ 08085, USA
Telephone: +1 856 803 1800
Telefax: +1 856 467 0584
E-Mail: sales@niehoffendex.com

MASCHINENFABRIK NIEHOFF GmbH & Co. KG
Dubai Branch
DAZFA Free Trade Zone
P.O. Box 293821
Dubai, United Arab Emirates
Telephone: +971 4 2045-153
Telefax: +971 4 2045-154
E-Mail: m.dalal@niehoff.de

NIEHOFF-HERBORN MÁQUINAS Ltda.
CP 84 (Rua Mar Vermelho, 1092)
06412-140 Barueri, S.P., Brazil
Telephone: +55 11 4199-3600
Telefax: +55 11 4199-3624
E-Mail: info@niehoff.com.br

NIPPON NIEHOFF Co., Ltd.
Repro Kanda Building
17, Kanda Tomiyama-Cho
Tokyo, 101-0043 Japan
Telephone: +81 3 3257 0911
Telefax: +81 3 3257 0910

Branch of Maschinenfabrik NIEHOFF
GmbH & Co. KG in the Russian Federation
Storozhevaya Ulitsa 4/1
Moscow, 111020, Russian Federation
Telephone: +7 495 23055-37, -38
Telefax: +7 495 23055-39
E-Mail: info@niehoff.de

MASCHINENFABRIK NIEHOFF GmbH & Co. KG
Singapore Representative Office
122 Middle Road, # 04-04 Midlink Plaza
Singapore 188973, Singapore
Telephone: +65 6336 9936
Telefax: +65 6336 4070
E-Mail: niehoff@pacific.net.sg

MASCHINENFABRIK NIEHOFF GmbH & Co. KG
Shanghai Representative Office
Room 2302, Hong Kong Plaza,
283 Huai Hai Zhong Road
Shanghai 200021, P.R. China
Telephone: +86 21 61202800
Telefax: +86 21 63906192
E-Mail: info@niehoff.cn

NIEHOFF of INDIA Private Limited
Plot No. 186-194, Industrial Park, Phase III
Pashamylaram, Patancheru 502319,
Medak District, AP, India
Telephone: +91 8455 224-391, -392, -393
Telefax: +91 8455 224-394