

# MMH 104/ RMA 201

Multiwire  
Horizontal  
Drawing Machine  
with Continuous  
Resistance  
Annealer

For aluminium and aluminium alloy  
wires



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



## Proven technology with new advantages

- 2-zone annealing principle with short annealing sections, electrically neutral (no current flow to other machines)
- single wire guidance with no crossover and separate single wire drying
- easy to operate due to the low housing construction with integrated tank
- all controls and maintenance elements are easily accessible
- wire area is enclosed to avoid oxidation of the wire surface
- individual AC drives for all contact pulleys for optimized speed adjustment to different alloys, long service life of the contact tubes and best wire surface quality
- automatic cleaning of contact pulleys and wire movement extend the service life
- scrap disk for string up
- suitable for operation with drawing oil or drawing emulsion
- process-optimized drawing die holder and drawing media supplies

## Technical data:

max. production speed (m/s):	31.5 (6200 fpm)
possible no. of wires:	8/16
finished dia. (mm):	0.15 ... 0.60 (34 ½ ... 22 ½ AWG) (e.g. for Al 99.5)
no. of drafts:	23
max. annealing power (kW):	80 (at 3000 A max.)
water-cooled slip rings:	standard
input rating of the individual drives (AC) in kW:	2.6 ... 9.7 (3.5 ... 13 HP) (RMA 201)
quantity of circulatory coolant (m <sup>3</sup> /h)	25 (RMA 201)
tank capacity (l):	950 (RMA 201)
machine dimensions (W x D x H) in m:	8.0 x 3.0 x 2.3
weight (kg):	approx. 8700
(without motor, transformer and switch cabinet)	

(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 Marktobderdorf/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

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

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

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

NIEHOFF of INDIA Private Limited  
Plot No. 186-194, Industrial Park, Phase III  
Pashamylaram, Patancheru 502307,  
Medak District, AP, India  
Telephone: +91 8455 224-391, -392, -393  
Telefax: +91 8455 224-394  
E-Mail: info@niehoff.in