

WSV

Vertical Static Coiler



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

Combination and integration capability

- wire coiling onto the stationary spool by a rotating flyer bell
- lifting motion of the spool for wire traversing controlled via threaded spindle driven by a servo motor (no hydraulic system except WSV 1000).
- wire laying pattern (cylindrical, conical) can be pre-selected via freely programmable control (PLC)
- specially developed ceramic wire guides in the flyer bell for reduction of wire elongation losses
- user-friendly machine layout, with easy maintenance
- customized level of automation due to variable design of spool conveyor or transportation systems
- foundation-free installation (except WSV 1000)



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

Technical data

type	WSV 631	WSV 801	WSV 1000
max. production speed (m/s):	35 (6890 fpm)	35 (6890 fpm)	35 (6890 fpm)
production range individual wire			
min. individual wire dia. (mm):	0.25 (30 AWG)	0.25 (30 AWG)	0.25 (30 AWG)
max. individual wire dia. (mm):	2.0 (12 AWG)	2.0 (12 AWG)	2.0 (12 AWG)
wire bundle			
min. wire bundle cross-section (mm ²):	0.102 (27 AWG)	0.102 (27 AWG)	0.102 (27 AWG)
max. wire bundle cross-section (mm ²):	5.5 (10 AWG)	5.5 (10 AWG)	5.5 (10 AWG)
max. spool flange dia. (mm):	630	800	1000
max. input rating: (kW)	28 (37 1/2 HP)	32 (43 HP)	35 (47 HP)
machine dimensions (W x D x H) in m:	4.3 x 2.5 x 4.2	4.3 x 2.5 x 4.2	3.0 x 2.7 x 4.2
weight (kg):	approx. 5500	approx. 5500	approx. 7800

(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 Marktobendorf/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