WF
Automatic Down Coiler

Expertise, Customer Driven, Service – in Good Hands with NIEHOFF

NIEHOFF GRUPPE

WF

Design:

- coiling principle: the flying pulley rotating around the fixed coiling capstan winds the wire on the coiling capstan from where the wire is dropped into the wire container (barrel)
- suitable for use with barrels, stems and cardboard barrels
- patented locking system for the coiling capstan

Increase in quality:

- rosette pattern laying guarantees optimum wire positioning and trouble-free downstream processing even after long hauls

Increase in productivity:

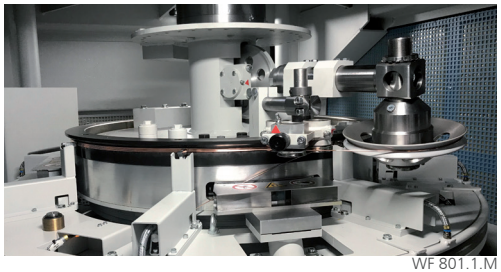
- down coiler for non-stop inline operation with wire production lines
- fully automatic barrel change
- wire positioning device for changing the wire safely

Energy and cost efficiency:

- maintenance-free three phase AC motor

Options:

- safe fine wire positioning into the barrel via adjustable falling height
- vibration device for high filling weights



WF 801.1.M

Technical data

type		WF 652.1.M	WF 802.1.M	WF 1002.1.M
max. production speed	m/s	35	35	35
	fpm	6,890	6,890	6,890
individual wire dia. Cu hard or soft	mm	0.8 ... 4.5	1.0 ... 4.5	1.0 ... 4.5
	AWG	20 ... 5	18 ... 5	16 ... 5
coiling capstan dia.	mm	650	830	1,050
barrel dimensions				
inner dia.	mm	480	600	800
outer dia.	mm	800	1,000	1,250
height	mm	1,500	1,500	1,850
filling weight for Cu				
250 N/mm² Ø 1,5 mm	kg	1,500	2,000	3,000
without vibrating device	kg	1,900	2,400	4,000
with vibrating device				
max. input rating	kW	28	30	36
	HP	37.54	40.23	48.27
machine dimensions (W x D x H)	m	2.45 x 2.80 x 4.30	2.45 x 3.30 x 4.40	2.81 x 3.20 x 4.56
weight	kg	approx. 5,000	approx. 5,500	approx. 5,500

Maschinenfabrik NIEHOFF GmbH & Co. KG
Walter-Niehoff-Strasse 2 · 91126 Schwabach, Germany · Phone +49 9122 977-0 · Fax +49 9122 977-155 · info@niehoff.de