



WF 651 Automatic Down Coiler

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



WF 651

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



Technical data

type	WF 652.1.M	
max. production speed	m/s	35
	fpm	6,890
individual wire dia. Cu hard or soft	mm	0.8 ... 4.5
	AWG	20 ... 5
coiling capstan dia.	mm	650
barrel dimensions	inner dia.	mm 480
	outer dia.	mm 800
	height	mm 1,500
filling weight for Cu 250 N/mm ² Ø 1,5 mm	kg	1,500
	without vibrating device with vibrating device	kg
max. input rating	kW	28
	HP	37.54
machine dimensions (W x D x H)	m	2.45 x 2.80 x 4.30
weight	kg	approx. 5,000

We reserve the right to modify technical specifications according to technical improvement and advances. 03.2026