



## STN 650 / STN 800 Barrel Coiler

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



# STN 650 / STN 800

## Design:

- coiling principle: the flying pulley rotating around the fixed coiling capstan winds the wire on the coiling capstan underneath a flat belt rotating around the coiling capstan
- rosette pattern laying via inclination of the rotating barrel
- suitable for use with barrels and cardboard barrels

## Increase in quality:

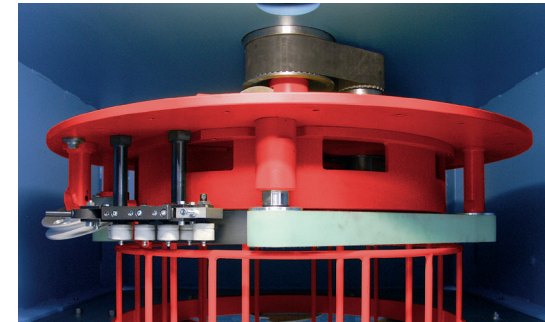
- reliable wire coiling at low speeds due to flat belt coiling principle
- polishing draft for optimum wire surfaces

## Increase in productivity:

- barrel coiler for nonstop operation in galvanic wire plating lines
- variable wire laying (rosette pattern) ensures optimum wire coiling and perfect down stream processing of the wire even after long hauls

## Energy and cost efficiency:

- maintenance-free three-phase AC motor



### Technical data

type		STN 650	STN 800	
max. production speed	m/s	15	15	
	fpm	2,950	2,950	
single wire dia. (Cu hard or Cu soft)	mm	1.0 ... 3.0	1.0 ... 3.5	
	AWG	18 ... 8 ½	18 ... 7	
coiling capstan dia.	mm	650	820	
coiling barrel dimensions	inner dia.	mm	500	620
	outer dia.	mm	800	1,000
	height	mm	1,730	1,730
max. input rating	kW	28	28	
	HP	37.5	37.5	
machine dimensions (W x D x H)	m	3.05 x 2.45 x 3.80	3.05 x 2.45 x 3.80	
weight	kg	approx. 3,600	approx. 3,600	

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