



WSV

Vertical Static Coiler

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



WSV

Design:

- wire coiling onto the spool by a rotating flyer bell
- traversing of the spool via ball screw spindle driven by a servo motor (hydraulic by WSV 1000).
- winding pattern (cylindrical, conical) can be preselected via freely programmable control (PLC)
- foundation-free installation (except WSV 1000)

Increase in quality:

- specially developed ceramic wire guides in the flyer bell for low wire elongation losses

Increase in productivity:

- customized level of automation due to variable design of spool conveyor or transportation systems

Energy and cost efficiency:

- user-friendly machine layout, with easy maintenance

Technical data

type		WSV 801
max. production speed	m/s fpm	35 6,890
production range		
individual wire Cu soft		
min. individual wire dia.	mm AWG	0.25 30
max. individual wire dia.	mm AWG	2.0 12
wire bundle		
min. wire bundle cross-section	mm ² AWG	0.102 27
max. wire bundle cross-section	mm ² AWG	5.5 10
max. spool flange dia.	mm	800
max. input rating	kW HP	42 56.32
machine dimensions (W x D x H)	m	4.30 x 2.50 x 4.20
weight	kg	approx. 5,500

We reserve the right to modify technical specifications according to technical improvement and advances. 05.2022