



SV 403 D Double Spooler for Insulated Wires

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



SV 403 D

Design:

- automatic double spooler with built-in dancer and integrated haul-off capstan for non-stop production inline with extruders
- with quick loading/unloading system and transport system for full and empty spools
- ergonomic system operation

Increase in quality:

- free selectable spooling direction. All spools are spooled clockwise or counter clockwise

Increase in productivity:

- changeover from full to empty spool at full production spool
- spool support to prevent spool breakage and ensure continuous production
- reliably splinter protection reduced wire damage when switching from full to empty spool

Energy and cost efficiency:

- can be synchronized with all makes of extrusion line
- maintenance-free AC drive technology
- use of all NPS 400 spool sizes without modification

Options:

- cutter for smaller cable cross-section of 0.13 mm² to 2.5 mm²
- production speed max. 2,400 m/min with spool support for NPS400/400

Technical data

Type	SV 403 D.1			
max. production speed inline with extruder	m/min	max. 1,800 m/min. for all NPS spool sizes		
	fpm	5,905		
	m/min	max. 2,400 m/min. NPS400/400 with spool support (option)		
	fpm	7,874		
production area				
Cu alloy	mm ²	0.13 ... 0.17		
cable cross-section	mm ²	0.22 ... 6.0	(0.13 ... 6.0)	flexible Cu conductors including insulation
cable outer dia.	AWG	24 ... 9	(26 ... 9)	
	mm	1.0 ... 5.0		
max. production speed of 2,400 m/min for the following production areas:				
cable cross-section	mm ²	0.13 ... 0.35		
cable outer dia.	mm	1.0 ... 1.25		
insulation		PVC, PE, XLPE and other materials		
spool sizes		NPS Multiway System		
flange dia.	mm	400	400	400
winding width	mm	400	250	150
min. lower barrel dia.	mm	176	208	229
max. upper barrel dia.	mm	260	260	260
spool change		movements controlled pneumatically / electrically		
machine dimensions (W x D x H) (incl. TK 160.4 and conveyor system)	m	5.40 x 2.10 x 2.60		
weight (including extension)	kg	approx. 3,300		

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