

S 401 F.E.

Dynamic Single Spooler

With cantilever spool shaft or spool take-up with outboard bearing



NIEHOFF – worldwide most advanced technology for the wire and cable industry



Perfect winding quality without supervision

- available with cantilever spool shaft or spool take-up with outboard bearing
- cylindrical and conical winding
- compact design with integrated dancer
- user-friendly spool loading and unloading with spool carriage (in version with outboard bearing with track)
- maintenance-free traverse and spool drives by AC servo motors
- wire traversing via linear unit and recirculating ball screw
- electric equipment with independent freely programmable control (PLC) for flexible integration in lines

optional:

- spool vibration monitoring
- automatic traverse width adjustment
- tension measurement at the wire
- optoelectronic spool scanning

Technical data

single wire dia. (mm):	0.05 ... 0.90 (44 ... 19 AWG)
at max. production speed (m/s):	50 (9842 fpm)
spool dimensions	
max. spool flange dia. (mm):	400
min. bore dia. with expanding arbour (mm):	90
min. bore dia. with clamping cones (mm):	80
min. bore dia. with counter support (mm):	< 80
max. total length (mm):	300
multi-wire bundle	
min. cross section (mm ²):	0.011 (36 ½ AWG)
max. cross section (mm ²):	0.65 (19 AWG)
input rating (AC motor) in kW:	7.5 (10 HP)
machine dimensions (W x D x H) in m:	0.8 x 1.27 x 1.8
weight (kg):	approx. 830

(We reserve the right to modify technical specifications according to technical improvement and advances)

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