

**S 631 F.E. /  
S 801 F.E.**

**Dynamic Single  
Spooler**

With cantilever spool shaft



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



**S 631 F.E. / S 801 F.E.**

## For individual use

- cantilevered spool shaft, horizontally arranged
- compact design with integrated dancer
- user-friendly spool loading and unloading by means of spool lifting table with hydraulic-pneumatic control
- maintenance-free traverse and spool drives by AC servo motors
- wire traversing via linear unit and recirculating ball screw
- electric equipment with freely programmable control (PLC) for flexible integration in production lines
- swiveling traversing roller

optional:

- spool vibration monitoring
- automatic traverse width adjustment

## Technical data

<b>type</b>	<b>S 631 F.E.</b>	<b>S 801 F.E.</b>
individual wire dia. (mm):	0.15 ... 1.60 (34 ½ ... 14 AWG)	0.15 ... 1.60 (34 ½ ... 14 AWG)
at max. production speed (m/s):	40 (7874 fpm)	36 (7087 fpm)
spool dimensions		
min. spool flange dia. (mm):	315	500
max. spool flange dia. (mm):	630	800
min. bore dia. (mm):	125	125
max. total length (mm):	475	570
multi-wire bundle		
min. cross section (mm <sup>2</sup> ):	0.018 (34 ½ AWG)	0.018 (34 ½ AWG)
max. cross section (mm <sup>2</sup> ):	2.30 (13 ½ AWG)	2.30 (13 ½ AWG)
input rating (of AC motor) in kW:	14 (19 HP)	27 (36 HP)
machine dimensions (W x D x H) in m:	1.03 x 1.64 x 2.0	1.54 x 2.15 x 2.1
weight (kg):	approx.1800	approx.3450

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

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