



## D 800.6 Double Twist Bunching Machine

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



## D 800.6 - for instrumentation cables

### Design:

- foundation-free installation on vibration damping elements
- machine available in left and right-hand versions for maximum space utilization

### Increase in quality:

- rotor bow from carbon fiber synthetic (CFK) with rollers
- spool tension: safely implemented via springloaded pintle with pneumatic release
- wire break monitoring in spool carrier

### Increase in productivity:

- free programmable control and text display for clearly laid out input and display of production parameters and maintenance Instructions
- easy wire insertion due to good accessibility in the spool carrier
- operator friendly spool changeover through sprung carrier bolts and transfer conveyor on spool table

### Energy and cost efficiency:

- all drives implemented digitally with three-phase AC technology
- reduced energy consumption and low noise emissions due to the single bow system

#### Technical data

max. production speed	m/min	300
production range		
max.cable dia.	mm	7.70
strand / conductor cross section	pairs mm <sup>2</sup>	2 x 0.35 ... 2 x 2.50
	triads mm <sup>2</sup>	3 x 0.35 ... 3 x 1.50
	quads mm <sup>2</sup>	4 x 0.35 ... 4 x 1.50 with filler
lay length, through gears	mm	15 ... 155
max. no. of twists, infinitely variable	twists/min	5,000
spool sizes		
flange dia.	mm	800
spool width	mm	600
drive for		
rotor bow		standard AC motor
winding spool		servo AC motor
max. sound pressure level	dBA	85
machine dimensions (W x D x H)	m	3.80 x 2.10 x 2.10
weight (incl. noise protection cabin and switch cabinet)	kg	approx. 6,200

We reserve the right to modify technical specifications according to technical improvement and advances. 04.2014