



D 1002 A Double Twist Bunching Machine

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



D 1002 A

Design:

- universally applicable for bunching and stranding of insulated conductors
- machine available in left and right-hand versions for maximum space utilization and optimum material flow
- foundation-free installation on vibration damping elements

Increase in quality:

- adjustable winding force, controlled via a load cell in the spool carrier
- die holder for compacting die or control die in the spool carrier

Increase in productivity:

- NMI (NIEHOFF Machine Interface) color touchscreen for data entry, display of production parameters (winding force, laying width, lay length) and maintenance instructions
- infinitely variable lay length for max. flexibility by virtue of the haul-off capstan with separate drive without change gear

- highest flexibility for the production of sector-shaped conductors, insulated cables, ropes and strands
- telemetric system for reliable contactless data transfer

Energy and cost efficiency:

- AC technology for precise synchronization and reduced maintenance requirement
- reduced energy consumption and low noise emission due to one-bow system
- IE3 energy-saving main drive

Technical data (for Cu soft)

type		D 1002 A
max. production speed	m/min	300
production range for copper		
strand / conductor cross section	mm ²	2.5 ... 50
	AWG	13 ... 1/0
lay length, infinitely variable	mm	20 ... 300
max. no. of twists, infinitely variable	twists/min	3,200
spool sizes		
flange dia.	mm	1,000
spool width	mm	750
drive for		
rotor bow (AC motor)		standard
winding spool (AC motor)		servo
max. sound pressure level (acc. to EN ISO 3743-2 and DIN 45635-1)	dBA	80
machine dimensions (W x D x H)	m	5.20 x 2.50 x 2.30
weight (incl. noise protection cabin and switch cabinet)	kg	approx. 13,000

We reserve the right to modify technical specifications according to technical improvement and advances. 05.2019