



D 1002 A / D 1251 A
Double Twist Bunching Machine



D 1001 A / D 1251 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 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

Energy and cost efficiency:

- AC technology for precise synchronization and reduced maintenance requirement



Technical data (for Cu soft)

type		D 1002 A	D 1251 A
max. production speed	m/min	300	300
production range for copper			
strand / conductor cross section	mm ²	2.5 ... 50	10 ... 95
lay length, infinitely variable	AWG	13 ... 1/0	7.2 ... 4/0
max. no. of twists, infinitely variable	mm	20 ... 300	40 ... 500
	twists/min	3,200	2,000
spool sizes			
flange dia.	mm	1,000	1,250
spool width	mm	750	950
drive for			
rotor bow (AC motor)		standard	standard
winding spool (AC motor)		servo	servo
max. sound pressure level (acc. to EN ISO 3743-2 and DIN 45635-1)	dBA	80	80
machine dimensions (W x D x H)	m	5.20 x 2.50 x 2.30	7.40 x 3.60 x 2.80
weight (incl. noise protection cabin and switch cabinet)	kg	approx. 13,000	approx. 29,500