



D 402 A / D 562 A / D 632 A / D 802 A
Double Twist Bunching Machine



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Design:

- 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. production flexibility
- extended service intervals

Energy and cost efficiency:

- AC technology for precise synchronization and reduced maintenance requirement

Technical data (for Cu soft)

type		D 402 A	D 562 A	D 632 A	D 802 A	
max. production speed	m/min	200	200	300	300	
production range for copper strand / conductor cross section	mm ² / AWG	0.013 ... 2.5 / 36 ... 13	0.055 ... 2.5 / 29 ½ ... 13	0.09 ... 6.0 / 27 ½ ... 9 ½	0.25 ... 16.0* / 23 ... 5	
lay length, infinitely variable	mm	1 ... 75	2 ... 60	6 ... 100	15 ... 160	
max. no. of twists, infinitely variable	twists/min	9,000	7,000	6,500	5,000	
spool sizes	flange dia. / spool width	mm / mm	400 / 300	560 / 425	630 / 475	800 / 600
drive for	rotor bow (AC motor) / winding spool (AC motor)	standard servo	standard servo	standard servo	standard servo	
max. sound pressure level	dBA	80	80	80	80	
<small>(acc. to EN ISO 3743-2 and DIN 45635-1)</small>						
machine dimensions	m	2.80 x 1.23 x 1.55	2.70 x 1.53 x 1.52	3.00 x 1.68 x 1.60	3.80 x 2.10 x 2.10	
weight (incl. noise protection cabin and switch cabinet)	kg	approx. 2,500	approx. 2,200	approx. 3,000	approx. 6,300	

*in combination with ECO-Bow max. 6 mm²