

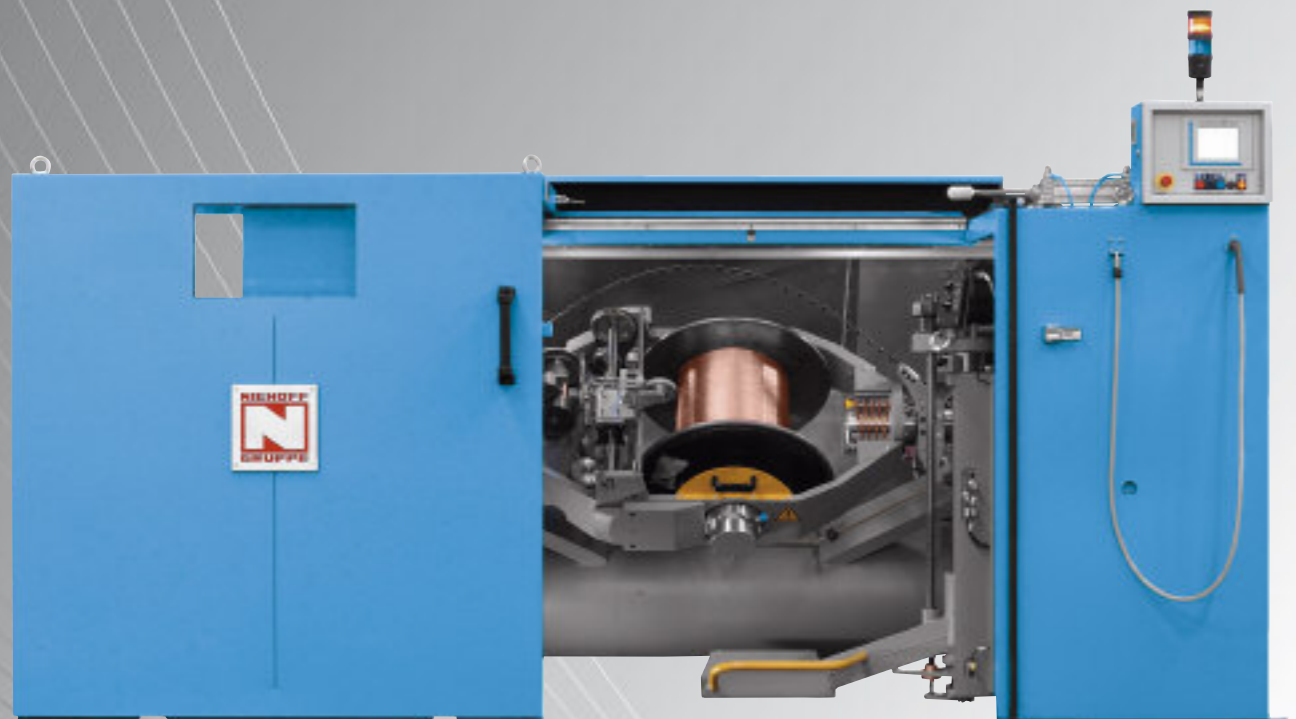
**D 561 A/D 631 A**  
**D 761 A/D 801 A**

## Double Twist Bunching Machine

High production reliability  
combined with innovative  
product development



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



machines – systems – know-how – worldwide

**D 561 A/D 631 A/D 761 A/D 801 A**

## High productivity with improved cost efficiency

- touchscreen display for clearly laid out input and display of production parameters (winding force, laying width, lay length) and maintenance instructions
- adjustable winding force, controlled via a load cell in the spool carrier
- spool tension: safely implemented via spring-loaded pintle with pneumatic release
- easy wire insertion due to good accessibility in the spool carrier
- max. production flexibility by virtue of the haul-off capstan with separate drive without change gear
- all drives implemented digitally with three-phase AC technology, precise synchronization and reduced maintenance requirements due to contactless data transfer
- foundation-free mounting on vibration damping elements.
- machine available in left and right-hand versions for maximum space utilization
- reduced energy consumption and low noise emissions due to the single bow system
- die holder for compacting die or control die in the spool carrier

## Technical data (for Cu soft)

type	D 561 A	D 631 A	D 761 A	D 801 A
max. production speed (m/min):	200	300	300	300
production range	(29 ½ ... 13 AWG)	(27 ½ ... 9 ½ AWG)	(27 ½ ... 9 ½ AWG)	(23 ... 5 AWG)
strand cross-section (mm²):	0.055 ... 2.5	0.09 ... 6.0	0.09 ... 6.0	0.25 ... 16.0
lay length, infinitely variable (mm):	2 ... 60	6 ... 100	6 ... 100	15 ... 160
max. no. of twists, infinitely variable (twists/min):	7000	6500	5600	5000
spool sizes				
flange dia. (mm):	560	630	760	800
spool width (mm):	425	475	475	600
drive for				
rotor bow:	stand. AC motor	stand. AC motor	stand. AC motor	stand. AC motor
winding spool:	AC servo motor	AC servo motor	AC servo motor	AC servo motor
sound pressure level (dBA):	80	80	80	80
(acc. to EN ISO 3743-2 and DIN 45635-1)				
machine dimensions (W x D x H) in m:	2.7 x 1.53 x 1.43	3.0 x 1.68 x 1.6	3.1 x 1.8 x 1.75	3.8 x 2.08 x 2.1
weight (kg):	approx. 2200	approx. 3000	approx. 3500	approx. 6200
(incl. noise protection cabin and switch cabinet)				

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

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