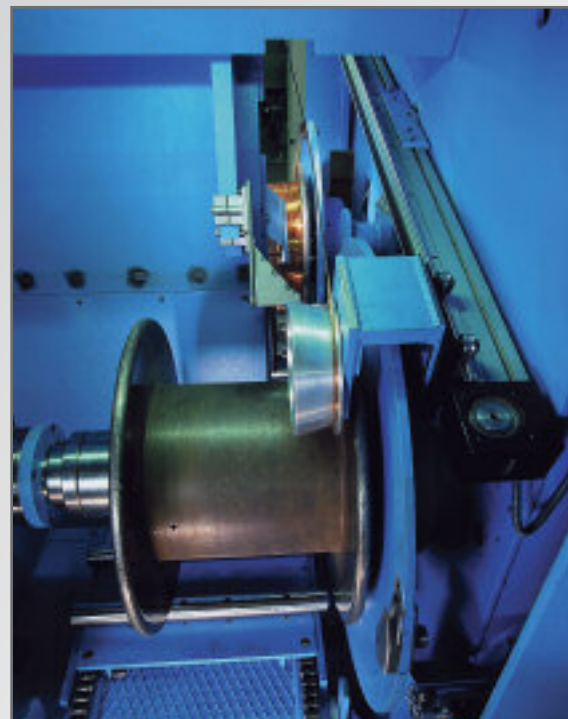


The NIEHOFF Line Philosophy

Overall integration for superior performance

The entire plant delivers technically innovative solutions for your production tasks:

- Capable combinations of individual NIEHOFF components and the excellent quality standards guarantee superb machine availability.
- The electric equipment with independent PLC suits for flexible integration of the spooler in all lines.
- The continuous production operation in the NIEHOFF double spooler concept results in increased productivity of the entire line.



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

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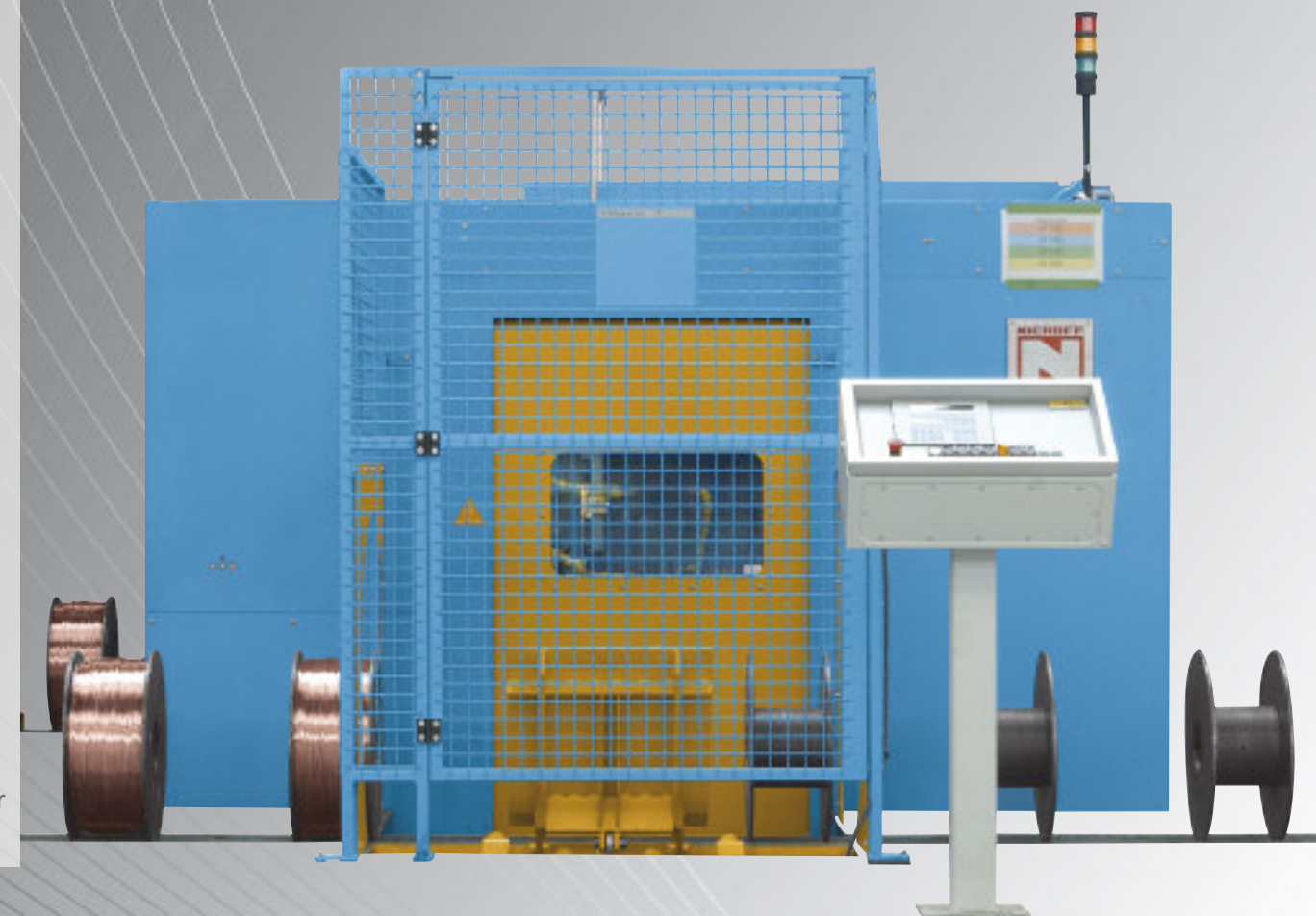
S 630 D / S 800 D

Automatic Double Spooler

Spool take-up with outboard bearing



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



S 630 D / S 800 D

machines – systems – know-how – worldwide

High-tech Standard and Possible Variants

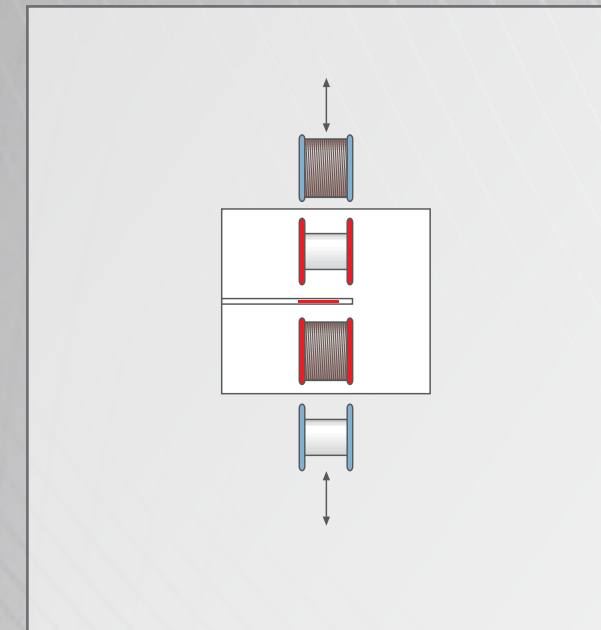
Technical data

type	S 630 D for double spooler operation	S 630 D for single spooler operation	S 800 D for double spooler operation	S 800 D for single spooler operation
max. production speed (m/s):	40 (7874 fpm)	40 (7874 fpm)	40 (7874 fpm)	40 (7874 fpm)
single wire dia. (mm)				
Cu (soft):	1.00 ... 3.56 (18 ... 7 AWG)	3.56 ... 4.50 (7 ... 5 AWG)	1.00 ... 3.56 (18 ... 7 AWG)	3.56 ... 4.50 (7 ... 5 AWG)
Cu (hard):	1.00 ... 3.00 (18 ... 8½ AWG)	3.00 ... 4.50 (8½ ... 5 AWG)	1.00 ... 3.00 (18 ... 8½ AWG)	3.00 ... 4.50 (8½ ... 5 AWG)
Al:	1.00 ... 4.70 (18 ... 4½ AWG)	4.70 ... 5.50 (4½ ... 3½ AWG)	1.00 ... 4.70 (18 ... 4½ AWG)	4.70 ... 5.50 (4½ ... 3½ AWG)
Al alloy:	1.20 ... 3.00 (16½ ... 8½ AWG)	3.56 ... 4.50 (7 ... 5 AWG)	1.20 ... 3.00 (16½ ... 8½ AWG)	3.56 ... 4.50 (7 ... 5 AWG)
spool dimensions				
max. spool flange dia. (mm):	630	630	800	800
min. barrel diameter (mm):	250	250	280	280
min. bore dia. (mm):	56	56	56	56
total length (mm):	475	475	570	570
max. gross spool weight (kg):	600	600	1350	1350
input rating (kW):	28 (37,5 HP)	28 (37,5 HP)	44 (59 HP)	44 (59 HP)
machine dimensions (W x D x H) in m:	3.3 x 2.75 x 2.25	3.3 x 2.75 x 2.25	3.3 x 2.75 x 2.25	3.3 x 2.75 x 2.25
weight (kg):	approx. 5000	approx. 5000	approx. 5000	approx. 5000

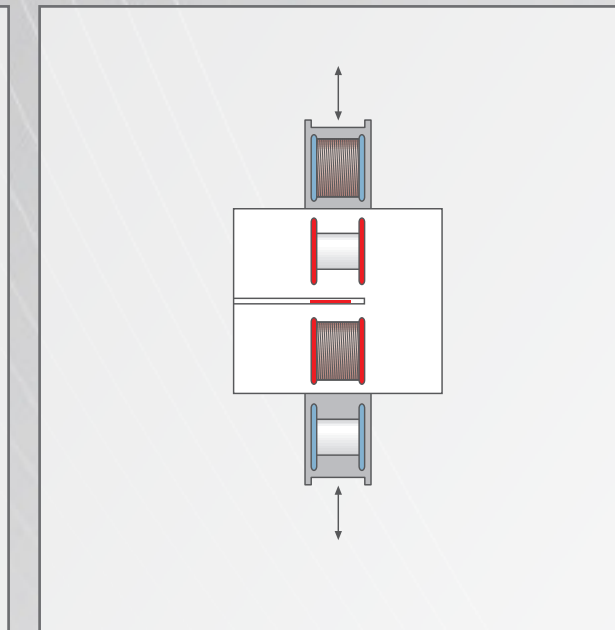
Powerful and efficient

- fully automatic spool change for continuous production operation
- highly reliable change with minimal wire stretching due to proven changeover principle
- maintenance-free three-phase AC drives
- independent freely programmable control (PCL) for flexible line integration
- available with guided-out long inner wire end
- optional conveyors for varying numbers of full and empty spools (automatic loading and unloading of full and empty spools)
- pressing-on device for outer wire end
- different sizes of spool can be used with no need for adapter

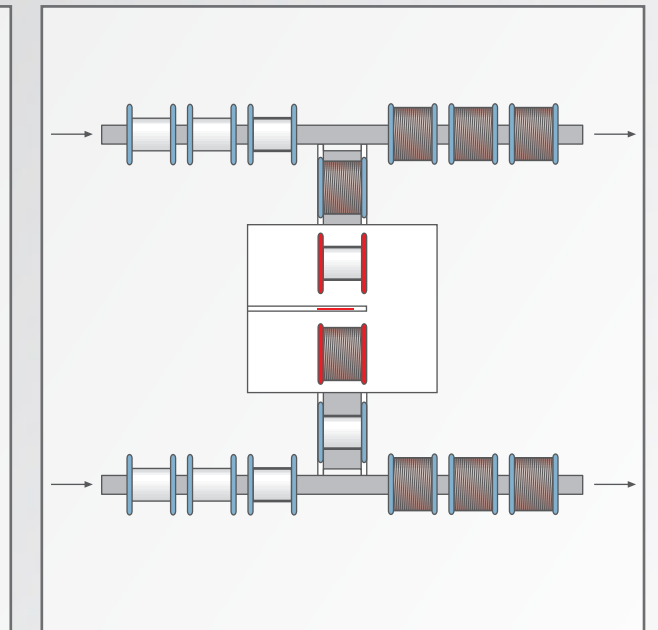
Layouts



Automatic double spooler with manual spool loading and unloading



Automatic double spooler with automatic spool loading and unloading



Automatic double spooler with automatic spool loading and unloading (version with 10 + 10 spools)