



The
unique solution
for sensitive
stranding

Rollertwist Stranders

RT-1000 | RT-1250 | RT-1650

 **CONDUCTIX**
wampfler

The complete product line for all markets

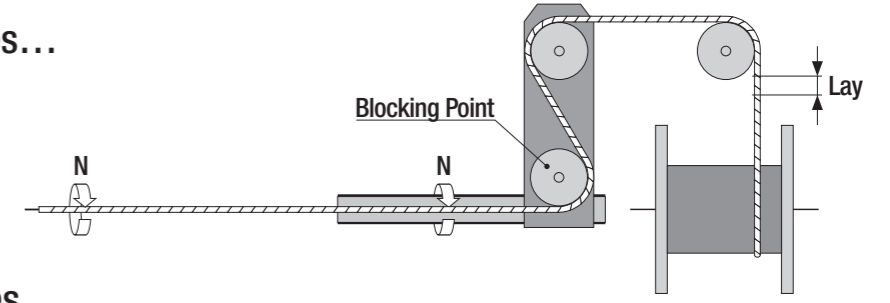


LAN Cable	Industrial Power Control & Instrumentation Cable	Electrical Vehicle Cable	Shipboard Cable
RT-1000	RT-1250 RT-1650		

The Rollertwist Principle

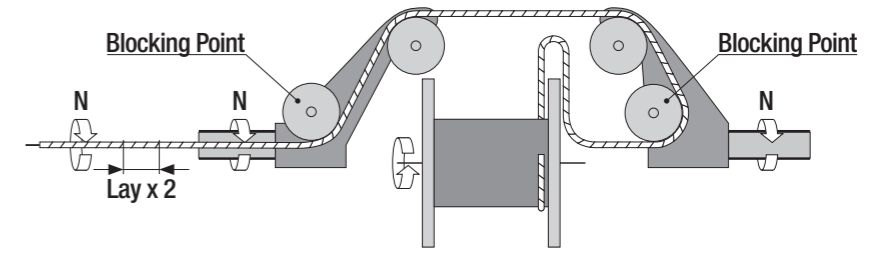
Single Twist challenges...

On a single twist strander, each flyer's turn creates one twist on the cable. The lay length is done from the lay plate to the spool.



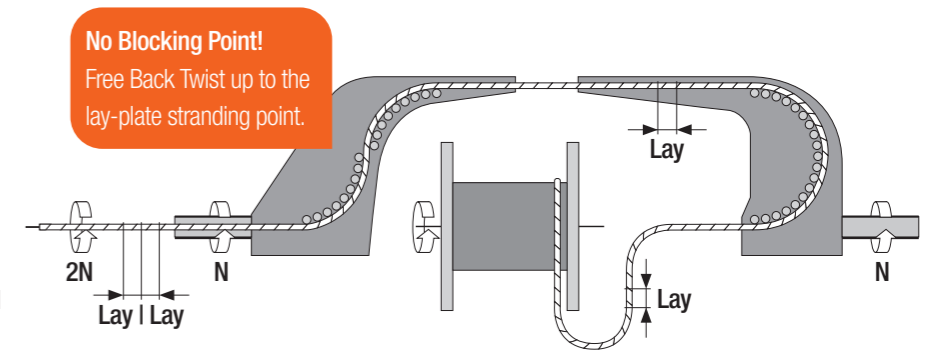
Double Twist challenges...

On a double twist strander, each flyer's turn creates two twists on the cable. The stress from twist is twisted back very little due to two blocking points.



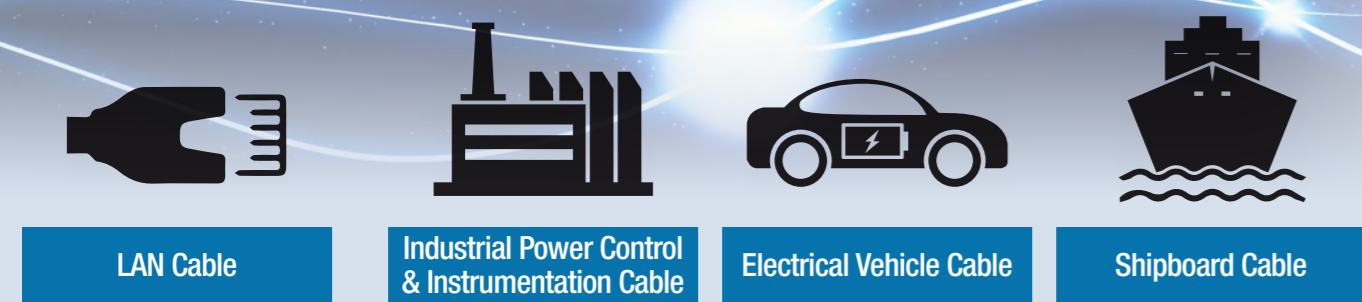
The Rollertwist solution

Inclined rollers: the cable is given a rotating motion when passing on the rollers: If the inclination angle is same as the stranding angle, the stress of one twist is fully reversed back to the stranding point. By adjusting roller angle, roller twist can achieve all the twist range between single and double twist.



Technology	Speed	Taping	Cable Integrity	Assembly of all power cable
Single Twist	●	Limited	●●	●
Double Twist	●●●	×	●	×
Rollertwist	●●	Unlimited	●●●	●●●

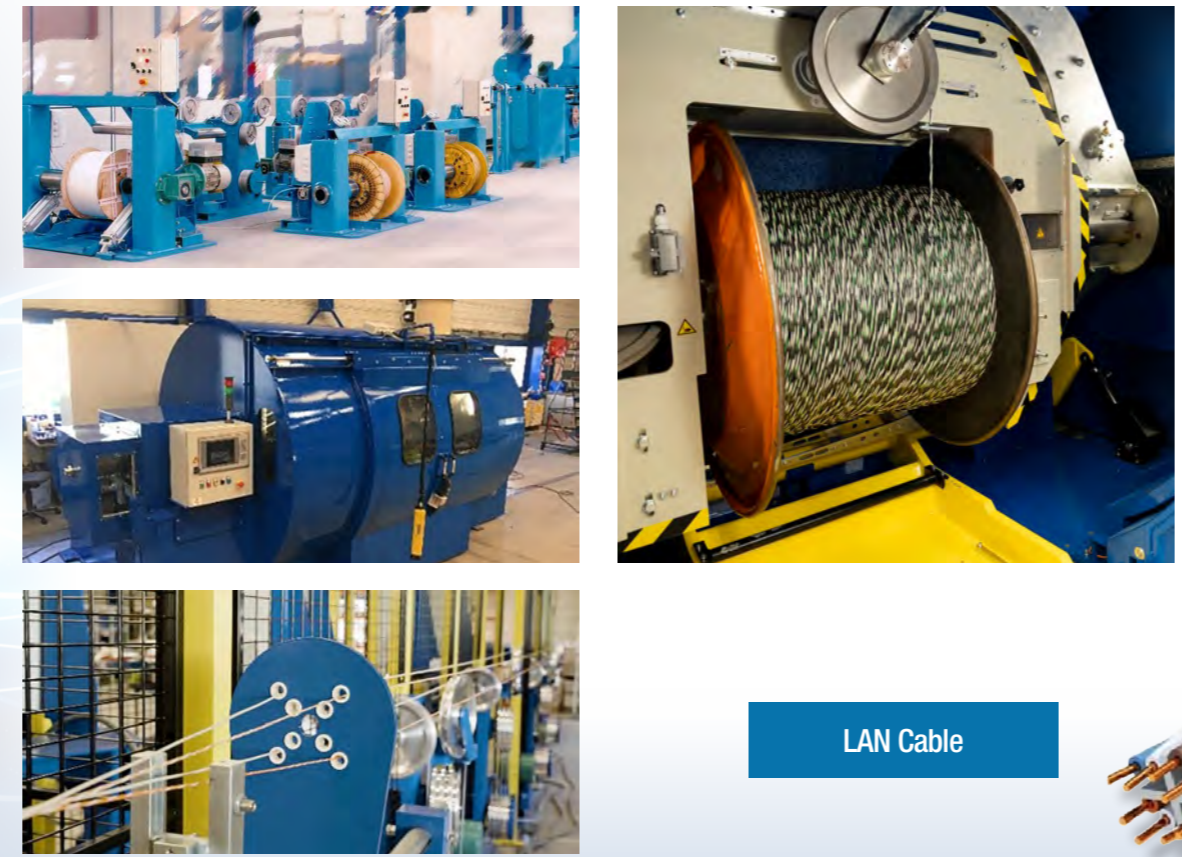
The complete product line for all markets



LAN Cable
 Industrial Power Control & Instrumentation Cable
 Electrical Vehicle Cable
 Shipboard Cable

RT-1000 **RT-1250 | RT-1650**

Rollertwist Strander RT-1000

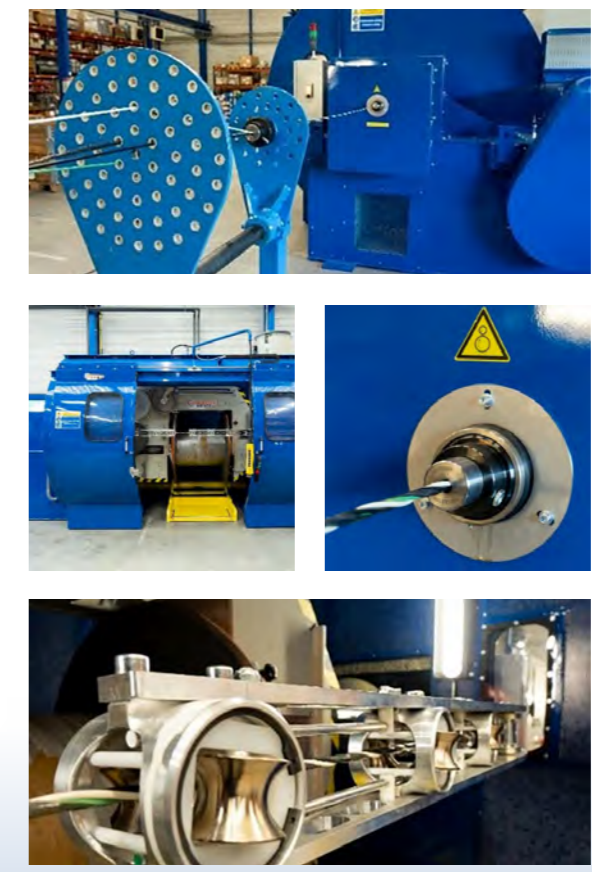


LAN Cable

Performance

Max. final cable diameter	Max. production rate	Max. twisting speed
20 mm	200 m/min	1500 tpm

Rollertwist Strander RT-1250 | RT-1650



Shipboard Cable

Electrical Vehicle Cable

Industrial Power Control & Instrumentation Cable

Performance

	Max. final cable diameter	Max. production rate	Max. twisting speed
RT-1250	25 mm	200 m/min	1200 tpm
RT-1650	30 mm	200 m/min	600 tpm

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Conductix-Wampfler has just one critical mission:
To provide you with energy and data transmission
systems that will keep your operations up and
running 24/7/365.

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