



The
unique solution
for sensitive
stranding

Rollertwist Stranding Line

RT-1000 | RT-1250 | RT-1650



The complete product line for all markets



Pay off



Lay plate



Pre twister



Motorized longitudinal
taping unit



Binder



Cable catcher



Rollertwist strander



LAN Cable



Industrial Power Control
& Instrumentation Cable



Electrical Vehicle Cable



Shipboard Cable

RT-1000

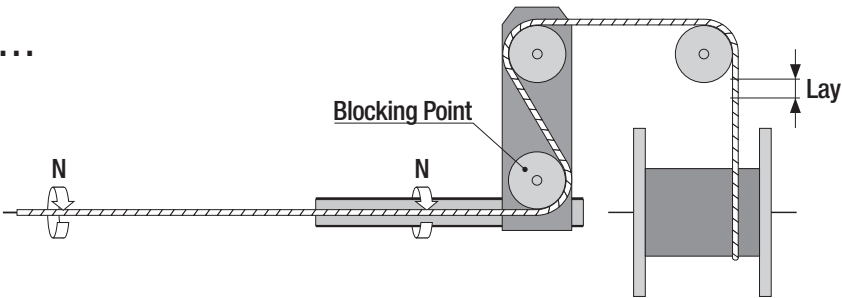
RT-1250 | RT-1650

The Rollertwist Principle

Single Twist challenges...

On a single twist strander, each flyer's turn creates one twist on the cable.

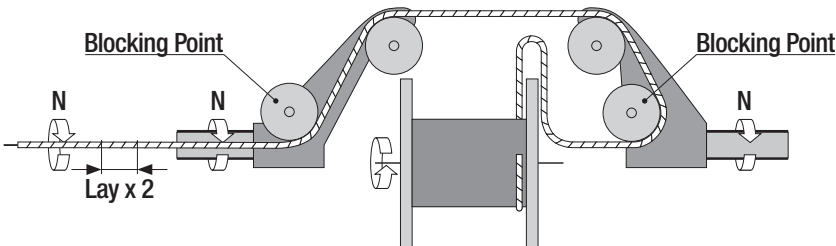
The lay length is done from the lay plate to the spool.



Double Twist challenges...

On a double twist strander, each flyer's turn creates two twists on the cable.

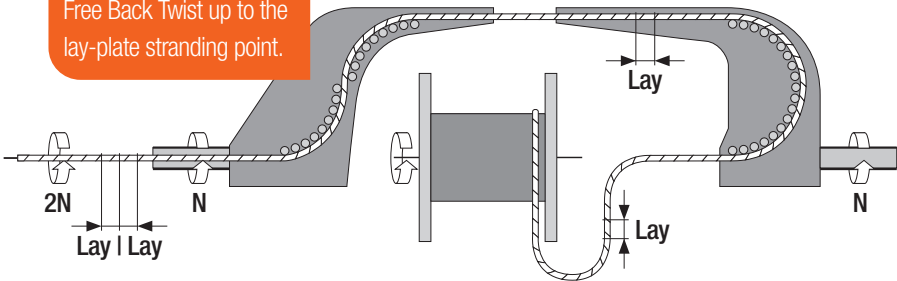
The stress from twist is twisted back very little due to two blocking points.



The Rollertwist solution

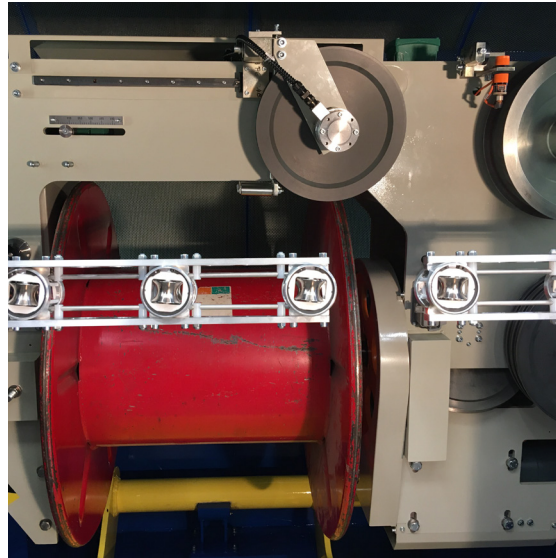
Inclined rollers: the cable is given a rotating motion when passing on the rollers: If the inclination angle is same as the stranding angle, the stress of one twist is fully reversed back to the stranding point. **By adjusting roller angle, roller twist can achieve all the twist range between single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

No Blocking Point!
Free Back Twist up to the lay-plate stranding point.

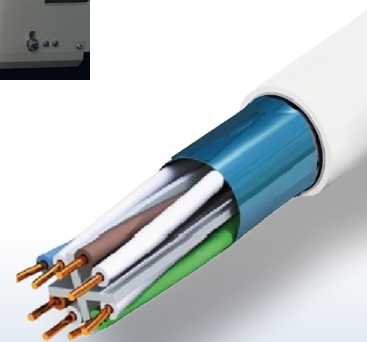


Technology	Speed	Taping	Cable Integrity	Assembly of all power cable
Single Twist	●	Limited	● ●	●
Double Twist	● ● ●	×	●	×
Rollertwist	● ●	Unlimited	● ● ●	● ● ●

Rollertwist Strander RT-1000



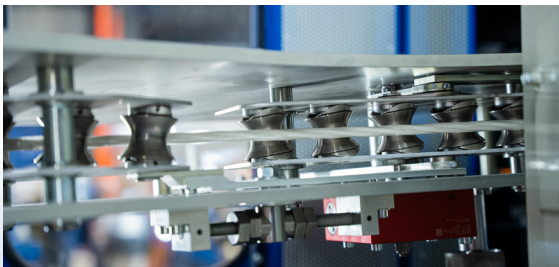
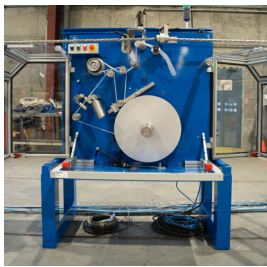
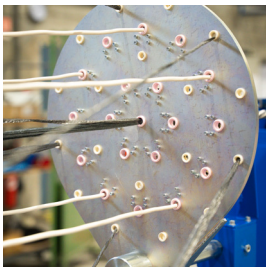
LAN Cable



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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