

KINREI

of America

Ultra Fine Wire Stranding Systems

Wire Machine Sales, Parts &
Service

kinreiusa.com

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OF AMERICA

For more information contact:
973-677-9500 or sdonnelly@kinreiusa.com

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Double Twist Stranders

Common Construction Features

- ❑ Heavy duty machine frame designed to compact soft and hard wire, capable of up to 14% diameter reduction.
- ❑ Main bearings are oil lubricated, for longer life and less maintenance.
- ❑ Lay lengths are infinitely variable, by changing the root diameter of the capstan wheel.
- ❑ Precise lay control by positively locking the flyer rotation and capstan wheel rotation.
- ❑ All machine functions are controlled through the use of a programmable logic controller
- ❑ Ac motors used throughout the machine to control flyer speed, pintle actuation and lift platform.
- ❑ Heavy duty safety and sound enclosure, mounted directly to the main frame. Noise level is <85 db.
- ❑ Machines install directly to the factory floor. No special foundation or pits required.
- ❑ All Kinrei machines arrive at the factory completely pre wired, and plumbed. Installation only requires incoming power and air.



- ❑ Take-up tension is controlled throughout the entire reel by adjusting voltage to a magnetic particle clutch. Optional closed loop tension systems are available.
- ❑ Integral semi automatic loading platform, allows for rapid spool changes and higher machine efficiencies.
- ❑ Forced air cooling helps reduce heat generated by the flyer and helps cool main bearings
- ❑ Flyer bows are machined steel, which are balanced as a set for longer main bearing life.
- ❑ Flyers are available in different guide configurations depending upon products and speeds to be obtained.

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Double Twist Stranders & Tubular Stranders

Available Machine Specifications

Model Number	Spool Dia.	Max. Spool Weight	Over All Spool Width	Max. Speed	Product Size
NB-300	12.59" (320mm)	110 Lbs (50 Kg)	8.5" (217 mm)	5000 TPM	.35 > .3 mmsq
HK-300	12.59" (320mm)	110 Lbs (50 Kg)	8.5" (217 mm)	8000 TPM	.35 > .3 mmsq
NB-560	22" (560mm)	550 Lbs (250 Kg)	14" (355 mm)	6000 TPM	16 > 30 Awg
HK-560	22" (560mm)	550 Lbs (250 Kg)	14" (355 mm)	7000 TPM	16 > 30 Awg
TM-560	22" (560mm)	550 Lbs (250 Kg)	16.6" (425 mm)	7000 TPM	16 > 30 Awg
TU-8 Tubular	2.4" (63 mm)	5 Lbs (11 kg)	2.4" (63 mm)	3000 Tpm	.0034 > .013 Sq mm



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Payoff Systems Available Machine Specifications Back Twist Payoffs

Model Number	Spool Dia.	Tension System	Back Twist Type	Max. Speed	Product Size
YSK	3.14" (80 mm)	Perma Torque	Flyer	2000 TPM	.001 - .0011
BTP	5.11" 130 mm	AC Motor	Cradle	8000 TPM	.001 - .003

Single Wire Payoffs

Model Number	Spool Dia.	Max. Spool Weight	Tension Range	Max. Speed	Product Size
PS-2-Pss	10" (254mm)	45 Lbs 99 Kg	10-100 Grams	300 RPM	44-34 Awg
PS-2m-Pss	12" (304mm)	75 Lbs 165 Kg	10-100 Grams	300 RPM	44-34 Awg
PS-2.5-Pss	12" (304mm)	100 Lbs 220 Kg	10-100 Grams	300 RPM	44-34 Awg

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