

Kinrei Double Twist Strander, model NB-560

USE:	Stranding of bare or plated wires in geometric patterns or bunched constructions.
PRODUCT SIZES:	From 7/25 or 19/29 down to 7/38 or 19/42
SPEEDS:	Machine is rated at 6000 twists per minute.
DIRECTION:	Right to Left operation; Left Hand
TAKEUP REELS:	Flange diameter: 560 mm max (22") Barrel diameter: 200 mm min (7.8") Overall width: 355 mm max (14") Traverse width: 330 mm max (13") Gross weight: 250 kg max (550 lb)
LAY LENGTHS:	3.0 – 30.6 mm (0.125" – 1.20") with standard gearing. 6.3 – 50.6 mm (0.25" – 2.00") with optional gearing. 34 – 136 mm (1.34" – 5.35") with extended gearing.
LAY CONTROL:	Double capstan (one driven, one idler), mechanically interconnected to the bow via timing belts for precise control. No open gearing or grease. Capstans are precisely machined, and chrome plated for long life.
TENSION CONTROL:	Automatically controlled from empty reel to full reel by powder clutch and Tension Amplifier Module. Customer can choose feet or meters
TRAVERSE CONTROL:	UHING traverse, with adjustable width and pitch. Unit has lever for "engaged" and "disengaged" modes
LOADING/UNLOADING:	Bows are locked in position to avoid damage during lift. Motor driven spool lift (no hoist is necessary) raises spool to the exact position with proximity sensors. Manually actuated pintles with interlock protection. Takeup spool is supported with pintles (no shaft), and driven with spring loaded drive pins.
LINE COUNTER:	Non contact, model Line Seiki G-21. Standard to all Kinrei equipment since 1996.

ENTRY PLATE: Entry plate position is adjustable. Ceramic eyelets protect wire. Die holder is rotating, and holds 3/8" x 1" die case (other sizes upon request).

BOWS: Two dynamically balanced steel bows (interchangeable), with ceramic wire guides.

MOTORS: 7.5 kW induction motor for main spindles.
2.2 kW induction motor for exhaust fan.
0.15 kW geared motor for spool lift.
Machine operates on 220/3/60. Isolation transformer provided, if necessary, at no additional charge.

BEARINGS: The special NTN main bearings ride in heavy duty, steel housings, and are grease lubricated. The grease is a special grease that is made in Japan.

ELECTRONICS: AC frequency control drives for main motor and for lift.
Standard PLC for control and operation.
Tension control amplifier.
Digital length counter with twist speed.
E-STOP (5-6 seconds, with disk brake)
Clutch Amp Meter

INSTALLATION: Machine sits on leveling pads, and optional (customer supplied) vibration pads. Installation is directly on the factory floor with no bolting or foundation work necessary.
10 AWG minimum power cable.

NOISE LEVEL: 82 dB maximum.

WEIGHT: 2800 kg / 6173 lb

SIZE: Length: 2773 mm / 109.2 in (including motor)
Width: 1475 mm / 58.1 in (including electrical cab.)
Height: 1662 mm / 65.4 in