

KINREI of America, LLC

Wire Machine Sales, Parts & Service

557 Route 23 South

Wayne, NJ 07470

Telephone (973) 677-9500 Fax (973) 673-0907

KINREI SINGLE TWIST CABLER, MODEL FX630

USES:

Cabling for 2-5 pairs LAN cables &
UTP, SUTP, STP, SSTP.

CAPACITY:

STANDARD CROSS SECTION RANGE:

Up to 4 AWG constructions.

SPEED

MAX 1,000 TPM; NORMAL
SPEED 800 TPM; variable by AC
frequency control unit

STANDARD TAKE-UP SPOOL:

Flange dia: 630mm (24.8")
Traverse width: 340mm max. (13.4")
Bore dia: 133.4mm (5.25")
Overall width: 375mm max. (14.7")
Gross weight: 350kg max (770 lbs)

LAY RANGE:

5 – 110 mm (0.19 – 4.33)

SPECIFICATIONS:

MACHINE HOUSING:

Unitized weldment; fully integral to
the main Shafts. This stable frame
provides noise and vibration
absorption, and it is electrically and
mechanically interlocked for safety.

MACHINE INSTALLATION:

Installs directly on the factory floor
on leveling plates without the need
for foundation bolts.

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MOTORS & POWER SUPPLY

15 kw induction motor

DIRECTION:

Right hand or left hand operation to be decided by customer

BEARING HOUSING:

Large heavy duty steel housings. The bearings are lubricated through an oil system.

CAPSTAN:

Capstan-less design. Lay pitch is adjusted by a direct digital input system. Control of the lay pitch is made by a servo motor and patented planetary meshing gears. Highly accurate lay pitch is provided by this system.

TAKEUP SPOOL SUPPORT:

Shaft type; expanding steel arbor

SPOOL LOADING/UNLOADING:

Hydraulic lift is built-in. Flyer protection interlock to protect against mis-operation. No hoist is necessary.

TRAVERSE:

Motorized traverse. Adjustable traverse pitch is electronically controlled and is driven by servo motor.

START:

Cushion start by AC frequency control unit.

BRAKE:

Air operated disk brake for emergency stop (6-7 seconds); normal stop through drive.

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LENGTH COUNTER:	Independent revolving wheel type, electronic, contact type. Circumference of wheel = 500mm
AUTOMATIC STOP DEVICES:	<ul style="list-style-type: none">- Wire breakage (internal and external)- Take-up spool mis-alignment- Safety cover not in place- Set length reached on take-up spool- Low oil level
NOISE LEVEL:	Max. 82 DBA
FLOOR SPACE:	4090 x 1180 x 1615 mm (161 x 46 x 64")
MACHINE WEIGHT:	4,800 kgs (10,500 lbs)
DIE HOLDER:	Rotating die holder to accept customer's dies: 0.75" – 1.5" diameter range.
LAY PLATE:	Two adjustable Universal Geometry Lay Plates with ceramic eyelets (customer choice).
ISOLATION TRANSFORMER:	480V/3PH/60HZ to 208V/3PH/60HZ at additional cost.
MAXIMUM LINEAR SPEED:	825 FPM
ELECTRICAL EQUIPMENT:	Fully integrated touch screen operator interface featuring:

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- Standard PLC for control and operation
- AC frequency control drive
- Operator controls
- Length counter with digital display
- Machine diagnostic indicators
- Start/Stop/Jog/Door Open/Lamp On button
- Speed indicator and selector
- E-Stop
- Lay direction selector (S or Z)

The above specifications are meant as a guide and they are subject to revision for performance, safety or value enhancement.

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