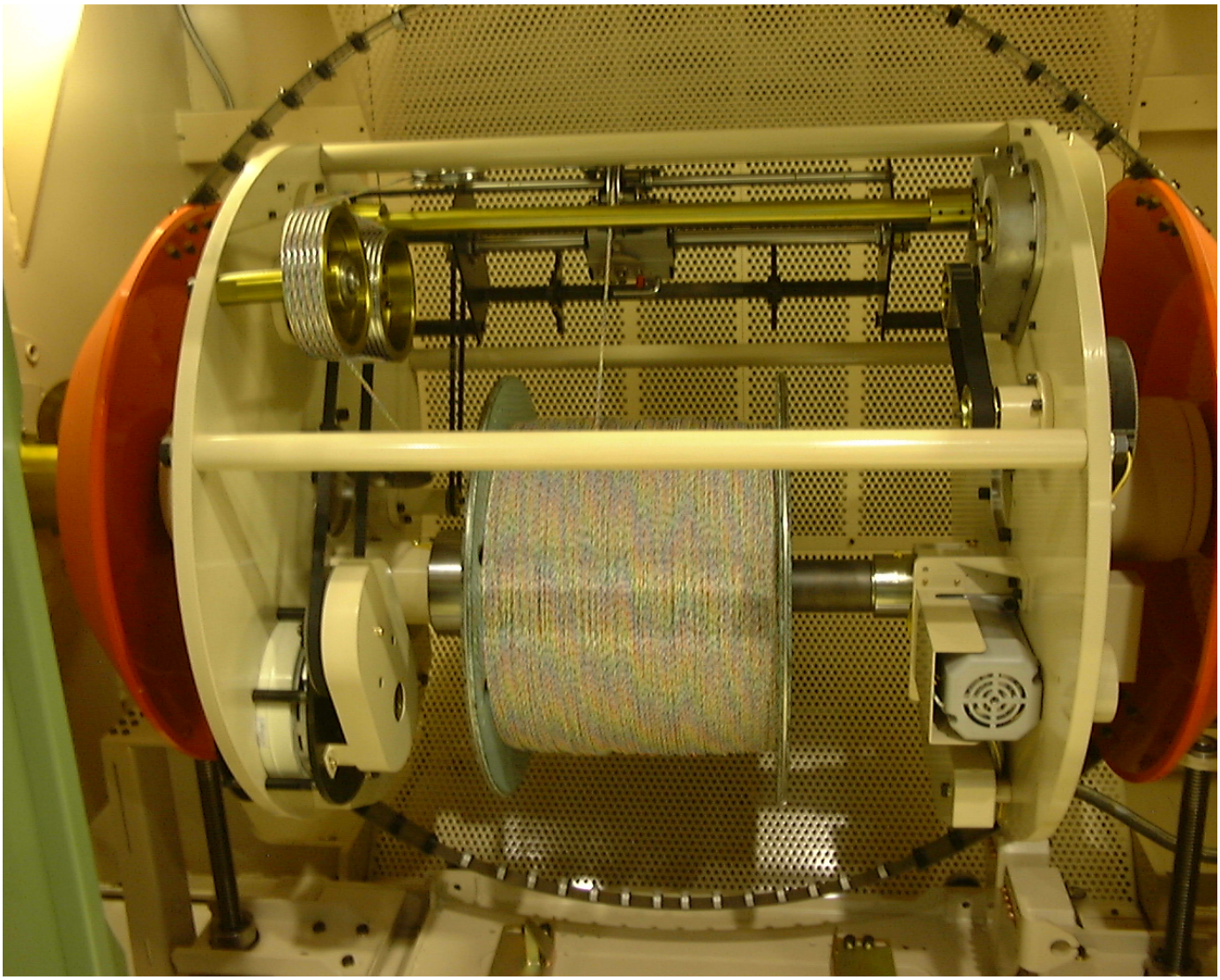
# KINREI of America

## CB-900L:DOUBLE TWIST CABLER



**High performance double twist cabler with positive driven capstans; left and right directions available.**

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KINREI OF AMERICA

For more information contact:
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| **Machine type/ construction** | **Welded steel construction, stress free annealed heavy duty frame to achieve all requirements regarding direction, sound proofing and safety.**<br><br>**Machine foundation or sound proof enclosure is not necessary. Aerodynamic design with performance stranding bow, along with solid high tensile steel, makes for low friction and gentle wire path.** |

**The Rotors are dynamically balanced.**

**Grease Injection bearings for main spindle.**

**Idler pulley capstan is slip-less gear driven to achieve a constant lay length even during acceleration and deceleration.**

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| **Uses** | **Laying up 2 ～ 4 PVC, PE, insulated cores** |

**3. Performance**

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| **3.1 Insulated core size** | **From 1.5 mm** | **up to 3.5mm** |
| **Conductor size** | **From 0.5 mm** | **up to0.9 mm** |
| **3.2 Number of Strand :** | **Insulated cores; 2 , 3 and 4 cores** | |
| **Dia. Of finished strand** | **3.0mm～8.0mm** | |
| **3.3 Lay length** | **From 21.16 mm up to 150.38 mm**<br>**Selection of lay length is done by easily changeable gears, capstans are hard chrome plated to avoid wear.**<br>**5 sets of changeable gears are free of charge.** | |
| **Hauling off device** | **πD = 500mm Double capstan system.** | |

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| 3.4 Lay direction | Left or Right (S or Z), By external selector switch. | |
| 3.5 Spool size. | Max. Flange dia.<br>Max. Overall Width | 914 mm<br>508 mm |
| 3.6 Machine speed<br>Line speed | Max. 1,250 rpm = 2,500 tpm<br>Max. 200 m/min | |
| 3.7 Main Drive | 15Kw 6P Induction Motor | |
| 3.8 Other Drive | 2.2Kw 4P AC Motor for Blower fan<br>0.3Kw 4P Geared Motor for Lift<br>90 w Geared Motor for Pintle Drive | |
| Spool Drive | Electrical Magnet powder clutch (Mitsubishi ZKB-5BN ) automatically controlled in 256 steps from empty to full spool. | |

4. Accessories

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| 4.1 Drum support | Shaftless type |
| 4.2 Loading Device | Platform loading device powered by electric motor. Fully interlocked for operator safety. Spring loaded drive pins so operator does not have to align holes in reel. Motor for pintle protected by mechanical torque limit. |
| 4.3 Traverse | Mechanical driven traverse, with end pitch easily adjustable.<br><br>Uhing Traverse : 3RG-30-MCR-F |
| 4.4 Brake | Disk Brake for emergency stop. (Compressed-Air 4kg/cm$^2$ 5～8sec.)<br>Normal stop by AC frequency control unit. (Max. 60sec.) |

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| **4.5 Main control cabinet** | **Control cabinet is located on the front of the cabler and controls the essential operations required to operate the cabler. The main power switch / circuit breaker assembly is located on the entrance side of machine.** |
| **4.6 Operator panel** | **Switch and button:<br>(SZ selector, RUN, JOG, STOP, Emergency STOP, LIFT ON/OFF, BOBBIN OPEN/CLOSE, LIFT UP/DOWN)<br>Amp length counter located at operator sight. PLC control is included in the main control cabinet. Installation of separate cabinet is not necessary.** |
| **4.7 Indicator** | **RUN, LIFT, INVERTER 1, 2, THERMAL, INTERNAL/EXTERNAL WIRE BREAK DOOR** |
| **4.8 Machine stop by** | **Pre-determined wire length, spool clamping failure, shortage of oil for main bearings and open safety doors.** |
| **Power supply voltage** | **3×200VAC, 50 Hz 41.7kVA with step up transformer** |
| **4.9 Machine center height** | **925 mm** |
| **4.10 Machine direction** | **Right hand to left hand** |
| **4.12 Dimension** | **3848 × 1912 × 1995H mm** |
| **4.13 Weight** | **Approx. 7.0 tons** |
| **4.14 Lay plate & Die holder** | **Rotating & stationary die holder.<br>The lay plate is movable.** |

**5 Special requirements**

**5.1 For brake system** **Pressurized air Max. 5 kg / capqf**

**6. Standard accessories.**

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| **6.1 Anchor bolts and iron plate for installation** | **1 set** |
| **6.2 Lay pitch change gear sets** | **5 sets** |
| **6.3 Standard tool** | **1 set** |

**7. Option**

**Spark-tester** **Clinton TST-10A**
**Electrode of spark-tester is installed between capstan and roller on the traverse.**

**8. Remarks:**

**The following items are excluded from our offer:**

**8.1 Take-up spool, pay-off bobbin and pay-off device**
**8.2 Closing die**
**8.3 Wiring and piping installed outside machine**
**8.4 Cost of materials and relative transportation charge for test running with load. Air tickets, Hotel, meals and other expenses for test run at our factory.**

**9. Warranty**

**The warranty of the machine is valid for a period of twelve months after the commissioning of machine or fourteen months after the date of B/L.**