



# Velocity Engineers Private Limited

Add: B 49/1, Industries Area, SITE IV, Sahibabad Industrial Area, Ghaziabad, Uttar Pradesh- 201010

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## Φ630 Double Twisting Bunching Machine

### 1. Performance Parameters

- **Inlet conductor diameter:** Φ0.08–Φ0.68 mm
- **Inlet insulated wire diameter:** Up to 1.0 mm
- **Finished twisted conductor cross-section:** Up to **6.0 mm<sup>2</sup>** (hard copper wire)
- **Twist pitch range:** 11.43–64.60 mm
- **Bow rotation speed:** Up to **1800 rpm** (≈ 3600 TPM – twists per minute)

### 2. Main Component Brands

- **Main Motor:** Dongguan Motor
- **Inverters:** Inovance
- **Bearings:** Japan NACHI / NSK
- **HMI Touchscreen:** Inovance

### 3. Equipment Features

- **Twist direction:** Selectable—Left twist or Right twist
- **Take-up bobbin diameter:** Φ630 mm
- **Take-up tension control:** Magnetic powder clutch
- **Twist pitch adjustment:** Manual, via gear change
- **Main drive power:** AC 7.5 kW
- **Take-up bobbin handling:** Electric lifting mechanism
- **Gear lubrication:** Automatic oiling system
- **Braking system:**
  - Electromagnetic brake
  - Automatic braking on internal or external wire break
  - Integrated safety protection
- **Operational noise level:** < 75 dB
- **Safety protection:** Limit switches and emergency safety mechanisms



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### 4. Machine Dimensions & Weight

- **Overall dimensions (L × W × H):** 2500 × 1300 × 1300 mm
- **Machine weight:** Approx. 3000 kg



Picture is just for reference

Tap to see video