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24 Spindle Braiding Machine

1. Machine Overview

The **24 Spindle Braiding Machine** is a high-speed vertical braider designed for manufacturing various communication cables such as coaxial cables, CAT-6/CAT-7 networking cables, and computer cables. It ensures uniform braiding, stable tension control, and high production efficiency for cable shielding applications.

2. Technical Specifications

No.	Parameter	Unit	Technical Data
1	Braiding Type	–	Over 2 × 2
2	Braiding Direction	–	Vertical
3	Upper Carriers	pcs	12
4	Under Carriers	pcs	12
5	Bobbin Size	mm	Φ75 × Φ22 × 100
6	Machine Speed	rpm	30 – 150
7	Braiding Pitch	mm	13.4 – 135
8	Maximum Core Diameter	mm	Φ24
9	Maximum Line Speed	m/h	800
10	Applicable Braiding Wire Diameter	mm	0.08 – 0.20 (Copper)
11	Tension Range	N	0.6 – 6.5
12	Take-up / Payoff Diameter	mm	Φ800
13	Main Motor Power	kW	3.0 kW
14	Frequency	Hz	50 Hz
15	Voltage / Current	V/A	380V / 6.8A
16	Take-up Motor Power	kW	0.2 kW
17	Frequency	Hz	50 Hz

No.	Parameter	Unit	Technical Data
18	Voltage / Current	V/A	380V / 0.8A
19	Noise Level	dB	≤ 80 dB
20	Machine Dimensions (L × W × H)	mm	1800 × 1600 × 2500
21	Net Weight	kg	1250
22	Inverter Brand	–	DELTA (Taiwan)
23	Control System	–	Control Panel Type

3. Key Features

- High-speed braiding for stable shielding layer production
- Suitable for multiple cable types (coaxial, CAT6/7, data cables)
- Precision tension control for uniform braid density
- Heavy-duty structure ensuring low vibration & stable performance
- User-friendly control panel with DELTA inverter for efficient motor control



Picture is just for reference



Tap to see video