

High Speed Double Twist Buncher



During the production of wires and cables, multi-strand conductors need to be twisted before the insulation extrusion. The stranding of multi-strand conductors can be carried out by stranding machine or bunching machine. When the diameter of single wire is very small and the stranding finished wires with extra-soft performance, then you can only use the twisting machine instead of traditional stranding equipment.

Wires from a number of single-wire pay-off bobbins which are layered and arranged on the fixed stand will enter into the main engine through the dividing plate.

The single wire is twisted by the rotation of rotating body to complete the twist stranding of conductors.

The twist buncher provided by us can be used for stranding bare copper, tin-plated copper, silver-plated copper, copper-clad aluminum wire, special alloy wire, insulated core wire.

Our twist buncher machine can not only carry on the bunch stranding of the multi-strand conductors, but also can carry on regular stranding by replacing stranding with bunching.

It can replace (1+6) tubular stranding machine and (1+6) rigid frame strander. Compared with the tubular stranding machine, the double twist buncher machine has 2 ~ 4 times capacity than it.

1. Equipment Features

- (1). With variable frequency speed regulation way and touch screen control, convenient and efficient for operation
- (2). The magnetic powder clutch controls the winding tension, the PLC automatically track winding line adjust tension, and the winding tension is constant without fluctuation.
- (3). Using the electromagnetic brake to brake, internal and external wire break, various fault automatic brake.

2. Main Technical Parameters

Model	Max. rotation (rpm)	Inlet diameter (mm)	Stranded section (mm ²)	Max stranded outer diameter (mm)
LT630	2000	0.18 ~ 0.68	0.18 ~ 6	3.2
LT800	1200	0.68 ~ 1.70	2.5 ~ 10 (Rigid structure)	6.5
			2.5 ~ 16 (Flexible structure)	
LT1000	1000	0.68 ~ 2.13	4.0 ~ 16 (Rigid structure)	9.0
			4.0 ~ 25 (Flexible structure)	

LT1250	500	0.87 ~ 2.52	4 ~ 35 (Rigid structure)	20.0
			6 ~ 50 (Flexible structure)	

3. Bunching Effect



Our high speed double twist bunchers can meet bunched requirements of different specification. It has the characteristics of high speed, high efficiency, light weight, small floor area, low noise and high quality bunched product.

Product link : <https://www.linttop.com/high-speed-double-twist-buncher.html>