

- Winding a fixed amount of lower thread allows to minimize the remaining amount of the thread on the bobbin.
- The bobbin winder is fully automatic, so no operator is required.



Use



Air bag



Aircraft



Car interior



Ships



Seat belt



Furniture



Car seat

Mechanical properties

1. The wound thread's free end can be treated so that it does not come loose.
2. The thread length is measured by an encoder so that no wasting occurs.
3. Winding tension can be kept constant.
4. The double-size rotary hooker contains about 200 bobbins.
5. The stop position can be fixed, so that it is easier to set bobbins in the bobbin case.

Specifications

Main equipment	Bobbin supply	Linear feeder (BFC) Rotary feeder		
	Thread supply	Winding adjusting mechanism, air tension unit, and thread tightening and loosening mechanism		
	Winding	Motor with speed control		
Bobbin	Bobbin size	Diameter = 23.5 to 30 mm Outside width = 10 to 14 mm		
		Type A	Type B	
		Bobbin internal width = 9 to 11 mm	Bobbin internal width = 11 to 13 mm	
	Available bobbin (Example)	LU4430 horizontal rotary hook (Mitsubishi)	Double-size rotary hook (JUKI)	

Facility capacity	1pls length	86 to 88 mm
	Winding speed	Takt time = 16 seconds (wound thread length = 18 m)*It varies with the length of the thread to be wound.
	Accuracy	±500 mm/88 mm
	Maximum capacity	about 200 bobbins (double-size rotary hook)
Equipment dimension		Width 1,000 mm × Depth 572 mm × Height 1,600 mm
Weight		About 150 kg
Power source	Air pressure	0.4 to 0.6 Mpa
	Hydraulic pressure	Connector : High coupler 20 PM (Nitto Kohki)
	Power	200 VAC (standard), 100 VAC
	Frequency	50/60 Hz