

KINREI of America

Model FX-400, Single Twist Buncher



Smooth bunching and unilay standing for fine copper wire.

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OF AMERICA

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1.	Machine type	Horizontal Single Twist Buncher, Capstan-less		
2.	Uses	Smooth bunching and unilay standing for fine copper wire.		
3.	Capacity			
		3-1	Wire ranges	Max. ϕ 0.35mm Min. ϕ 0.08mm
		3-2	Cross section of finished bunch:	
			Max. ϕ 1.25mm ²	Min. ϕ 0.05mm ²
		3-3	Speed	Max. 1,600 r.p.m. Variable speed by AC frequency control unit.
		3-4	Take-up drum	
			Flange dia	406mm
			Barrel dia	215mm
			Overall width	257mm
			Traverse width	216mm
			Bore dia	127mm
			Dynamic balance tolerance	30g
		3-5	Motor	7.5KW Induction motor.
		3-6	Power supply	200V 60Hz 3Phase
4.	Specification of each parts			
		4-1	Machine center height	804mm
		4-2	Direction of twists	left hand.
		4-3	Lay ranges	Max. 35mm Min. 5mm (0.1mm step)

Lay pitch is adjusted by digital direct input system. Control of lay pitch is made by servo motor through Kopp variator and patented planet meshing gears. By this system, accuracy has been greatly improved.

	4-4	Length counter Magnetic revolving wheel type. $\pi D=500\text{mm}$
	4-5	Drum loading & unloading Hoist is attached as option. Drum support: expanding arbor shaft type
	4-6	Traverse Motor traverse. Motor traverse. Traverse pitch and stroke can be easily changed by servo motor and proximity switch.
	4-7	Start: Cushion start by AC frequency control unit.
	4-8	Brake: Electro magnetic brake.
	4-9	Operating panel & Control box On left hand side of the operator, there is an operating panel, Touch screen, which you can access all setting monitor displays for setting speed, length and lay pitch, selecting lay direction, detecting inside & outside wire breakage and some alarm. On right hand side, there is a control cabinet.
5.	Floor space	2400L × 870W × 1182 H mm
6.	Max. noise level	82 db / 1600 r.p.m.
7.	Machine weight	Approx. 2100 kgs.
	Special requirement:	Specified take up steel drum Our machine cannot accept to use plastic drum for take-up drum.