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## Automotive wire production line

### 1. 500mm-630mm high speed bunching machine



<b>Model</b>	JO-φ500B	JO-φ630B
<b>Max rotate speed</b>	2500rev/min	2200rev/min
<b>Twisting</b>	Suitable for above seven strand of the silver jacketed wire, tinned wire, enameled wire, bare copper wire, copper-clad steel, copper cladding aluminum	
<b>Feed wire diameter</b>	φ0.08-φ0.45mm	φ0.18-φ0.62mm
<b>Twisting area</b>	0.035-2.5mm <sup>2</sup>	0.18-6.0mm <sup>2</sup>
<b>Lay length</b>	40 Segment 6.3-50.4mm	34 Segment 11.6-100mm
<b>Twist direction</b>	Left and right can freely selected	Left and right can freely selected
<b>Take-up bobbin</b>	Standard ABS bobbin: Outer diameterφ500x	Standard ABS bobbin: Outer diameterφ630x
	Outer width300xinner width250xinner	Outer width360xinner width300xinner

	holeφ56mm	holeφ80mm
Polish rod traverse	φ20mm	φ30mm
Center height of main shaft	700mm	850mm
Method of main shaft lubrication	Oil lubricating, natural circulation cooling	
Brake	Adopt Japan original enter port brand NSK Electromagnetic brake	
Bearing	Electromagnetic brake, B type inside the brake by magnetic powder clutch automatic adjustment	
Take-up tension	Use 2.5kg Magnetic clutch	Use 5kg Magnetic clutch
Protection	Inner and outer broken-wire automatic brake, meter count arrived will automatic shut-down	
Safety protection	All the doors can be opened, and lifting no place can not start or automatic braking	
Instruction	Machine state, have corresponding fault should indicator instructions	
Control	By PLC + converter control	
Noise figure	About 80db	About 75db
Main motor power	5.5KW	7.5KW
Machine size (mm)	(L)2780×(W)1280×(H)1260	(L)3400×(W)1500×(H)1600

## 2.φ70+35 Extrusion production line



Model	JO-50+35mm	JO-60+35mm	JO-70+35mm	JO-80+35mm
Pay-off type	Active single shaft tension pay-off		Double cone type	Double cone type
Pay-off wire spool	PN400-500mm	PN500-600mm	PN400-630mm	PN630-800mm
Screw diameter	φ50mm	φ60mm	φ70mm	φ80mm

<b>Screw L/D ratio</b>	25:1BM	25:1BM	25:1BM	25:1BM
<b>Extrusion output</b>	70kg/h	100kg/h	150kg/h	200kg/h
<b>Main motor power</b>	15HP	20HP	30HP	40HP
<b>Wire diameter specification</b>	φ0.6-4.0mm	φ0.8-8mm	φ0.15-12mm	φ3.0mm
<b>Temperature control</b>	5Segment	6Segment	6Segment	6Segment
<b>Cooling device</b>	Folding type W model/U model			
<b>Capstan power</b>	3HP	4HP	5HP	7.5HP
<b>Accumulator type</b>	Inclined/horizontal	horizontal	horizontal	horizontal
<b>Accumulate length</b>	250m	250m	200m	200m
<b>Outlet wire speed</b>	MAX500m/min	MAX500m/min	MAX500m/min	MAX500m/min
<b>Take-up type</b>	Double shaft bundle install/shaft install			Axis double-disc/shaft install
<b>Take-up spool</b>	PN400-500mm	PN400-500mm	PN500-630mm	PN800-1250mm
<b>Electric control</b>	PLC or Common			