



DONGGUAN JING ONE WIRE & CABLE MACHINE CO.LTD
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Solar energy wire and cable extruder line



Range of application: Suitable for production PVC, PE, PP and Low Smoke Zero Halogen insulated wire

Main accessories brand:

1. Motor: Dongguan motor , Taiwan Teco , Siemens

2. Converter: Japan Yaskawa
3. Temperature controller: Japan RKC (Adopt the solid-state relay, Taiwan CONCH)
4. Appliance: Main appliances adopt imported with original packaging famous brand
- A. Contactor: Taiwan Shihlin or France Schneider
- B. Meter counter: Taiwan FOTEK
- C. Selector switch: Taiwan Tend
- D. Relay: Japan Omron

Main specifications and performance:

- 1、 $\phi 70$ uitable diameter of conductor core wire: $\phi 1.0\text{mm}-\phi 8.0\text{mm}$
- 2、 $\phi 90$ uitable diameter of conductor core wire: $\phi 3.0\text{mm}-\phi 25.0\text{mm}$
- 3、 $\phi 70$ inished outer diameter: $\phi 1.5\text{mm}-\phi 12.0\text{mm}$
- 4、 $\phi 90$ inished outer diameter: $\phi 5.0\text{mm}-\phi 35.0\text{mm}$
- 5、Min. insulation thickness: 0.2mm
- 6、Concentricity: Above 95%
- 7、 $\phi 70$ extrusion output: 150KG/HR(Crosshead opening, soft PVC)
- 8、 $\phi 90$ extrusion output: 250KG/HR((Crosshead opening, soft PVC)
- 9、Line speed of extrusion: 400M/Min(According to the finished outer diameter)
- 10、Center height of machine: 1000mm

Name and specification of equipment	Specification	Brand	Function	Remark
No-axis magnetic powder tension pay-off	$\phi 400-\phi 1250\text{mm}$	JINGONE	pay-off	
Straightening table	$\phi 100\text{mm}$	JINGONE	Straightening before the wire coated	
Double wheel tension stand	700+300	JINGONE	pay-off	
Mainframe of high speed extruder	$\phi 70 \times 25\text{Dmm}$	JINGONE	Extrusion wire	
Mainframe of high speed extruder	$\phi 90 \times 25\text{Dmm}$	JINGONE	Extrusion wire	
Primary and secondary movable water trough	1.5m	JINGONE	For the cooling wire	Constant temperature
Primary and secondary movable water trough	2m	JINGONE	For the cooling wire	Constant temperature
Double layer fixed water trough	before 3 m after 4 m	JINGONE	For the cooling wire	
Horizontal type accumulator	12m	JINGONE	Tension control, wire storage	
Double wheel capstan	$\phi 600\text{mm}$	JINGONE	Wire & cable tension	
Common double-axis take-up machine	$\phi 400-\phi 630\text{mm}$	JINGONE	For the wire coiling	
Temperature system control	$\phi 70+\phi 90\text{PLC}$	JINGONE	For the system control	

box				
Talc applicator	φ100mm	JINGONE	Wire talc applicator	
LSOH screw	φ70mm	JINGONE	Extrusion wire	
LSOH screw	φ90mm	JINGONE	Extrusion wire	
Manual centering crosshead	φ70mm	JINGONE	Extrusion molding	
Manual centering crosshead	φ90mm	JINGONE	Extrusion molding	
Fixed centering crosshead	φ70mm	JINGONE	Extrusion molding	
Fixed centering crosshead	φ90mm	JINGONE	Extrusion molding	
Spare		JINGONE	Spare parts of equipment	
Direction of production line: <input type="checkbox"/> Left pay-off → right take-up <input type="checkbox"/> right pay-off → Left take-up <input type="checkbox"/>				
Installation length of complete set production about 23-25m (Can be according to the customer site)				