

ISO9001:2008



Company Profile



President: Mr. Jiang Licai



1994. 6 ANHUI HERRMAN IMPEX CO.,LTD Found.

2001. 2 SHANGHAI HERRMAN IMPEX CO.,LTD Found.

2001. 11 NANJIN HERRMAN CHEMICALS PLANT Found.

2004. 5 ANHUI HERRMAN CHEMICALS PLANT(HUAIBEI PLANT) Found.

2010. 4 ANHUI HERRMAN MACHINERY TECHNOLOGY CO.,LTD Found.

Office Building

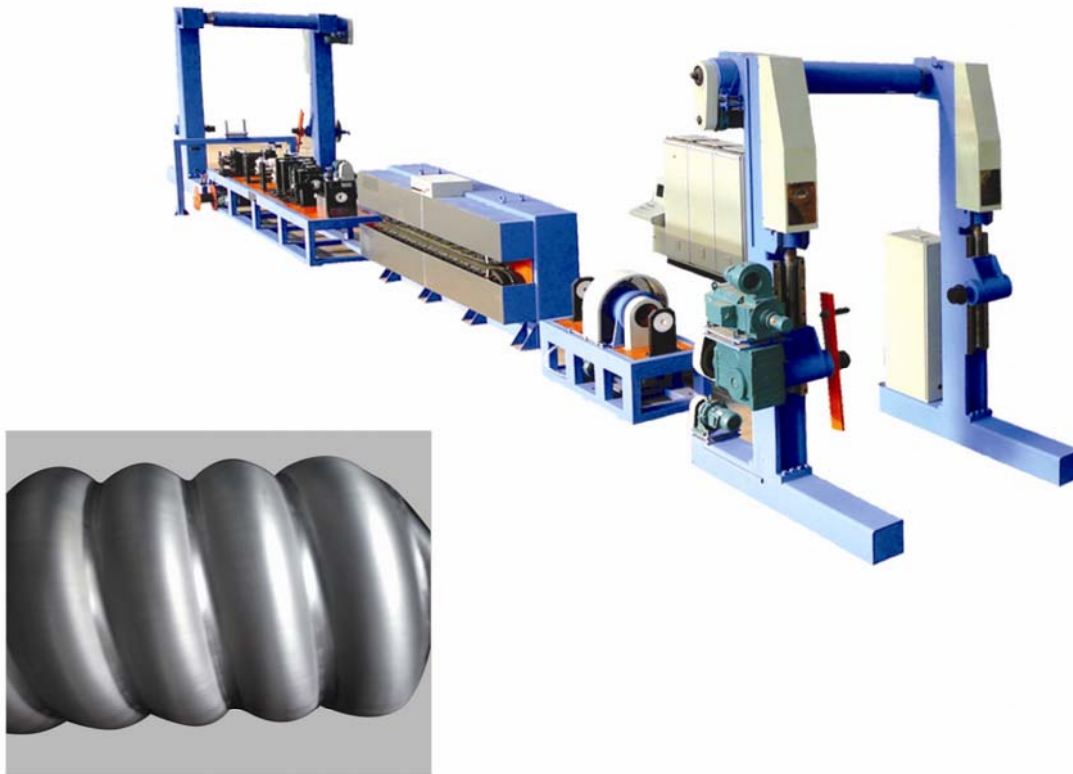


Herrman Customers



Accreditation

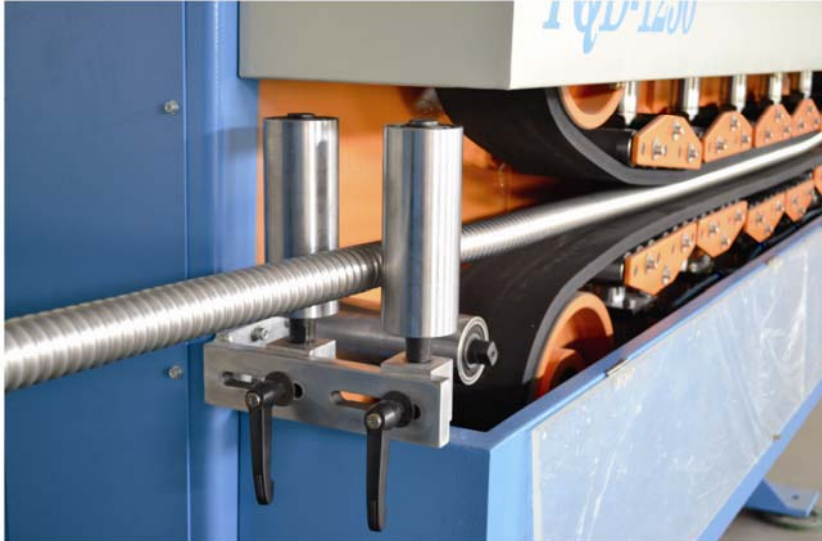




ITEM		SYH200	SYH120	SYH50
Thickness of welding tape(mm)	Aluminium tape	$0.8 \leq \delta \leq 4$	$0.8 \leq \delta \leq 3.5$	$0.6 \leq \delta \leq 2$
	Copper tape	$0.5 \leq \delta \leq 1.5$	$0.5 \leq \delta \leq 1.5$	$0.5 \leq \delta \leq 1$
	Steel Tape	$0.3 \leq \delta \leq 1.0$	$0.3 \leq \delta \leq 1.0$	$0.3 \leq \delta \leq 1.0$
Dia. Of welding pipe (mm)		$\Phi 50 \sim \Phi 200$	$\Phi 30 \sim \Phi 120$	$\Phi 10 \sim \Phi 50$
Linear speed (m/min)		≤ 8	≤ 8	≤ 12
Welding speed (m/min)		≤ 6	≤ 6	≤ 10
Welding current (A)		20~400	20~300	20~200
Total installed capacity (KVA)		110	100	75
Corrugating shape		ring type, sprial type	ring type, sprial type	ring type, sprial type
Corrugating pitch (mm)		10~60	10~40	
P/O reel		PN3150~PN4500	PN2500~PN3700	PN1600~PN2000
T/U reel		PN4000~PN5600	PN2500~PN3700	PN1800~PN2500

Characteristic:

- ★ Suitable for armoring the medium and high voltage cable and Photoelectric composite conductors.
- ★ Al/Cu/Steel pipe is welded by argon arc welding to be hermetically sealed armoring and shielding protector.
- ★ The monitor to monitor the whole production.



Type	Tape Width(mm)	Tape Thickness(mm)	Armour OD(mm)	Max Rotating Speed(rpm)
50	9.5-12.7	0.5-1.0	50	500
100	9.5-19	0.5-1.0	100	400
125	12.7-25.4	0.5-1.2	125	400
500	24-70	0.5-2.0	500	30



Characteristic:

- ★ Suitable for all kinds of Al Tape, Al Alloy Tape, Copper Tape, Galvanized Steel Tape, stainless steel tape
- ★ Steel tape tension control by electromagnetism tension and can be adjusted during the running condition.
- ★ Cable shape: Round, Square, Flat

Graphite & Bitumen Coating Machine

This machine is mainly used for coating/polishing the bitumen and graphite for the cable and underground cable, to avoid the waterproof, mothproofing and corrosion protection.



Multi-heads Drawing Machine

1. Introduction

The line is used for drawing 8 pieces of copper wires at the same time which feature are small floor area, high efficiency, less workers etc. The elongation is steady and average.

2. Type

120/17 8-heads Intermediate Drawing Machine
100/22 8-heads Fine Drawing Machine



3. Main Technical Data

Type	Intermediate Drawing Machine	Fine Drawing Machine
Dia. of input wire (mm)	Φ2.0-2.6 x 8	Φ1.8 x 8
Dia. of output wire (mm)	Φ0.40-0.85 x 8	Φ0.15-0.50 x 8
Max. linear speed (m/min)	1500	1500
Main motor (kw)	200	110
Drawing drum wheel dia. (mm)	120	100
Max. drawing passes	17	22
Annealing wheel dia. (mm)	200	140
Annealing voltage (V)	55	55
Annealing electricity (A)	3000	2000
Take-up Bobbin	630/500	630/500

Characteristic:

- ★ Big size drawing wheel, increasing the bend radius.
- ★ Equipping wire traversing device in annealing device, for extend useful life of nickel strap.
- ★ Automatic polishing nickel strap, improve wires surface quality.

Copper and Aluminum Breakdown Machine with Continuous Annealing



Characteristic:

- ★ Adopting AC motors, it can save electricity 20% than DC motors.
- ★ Half-dipping structure, easy operation and maintenance.
- ★ Special annealing device for Aluminum wires.

1. Introduction

This line is mainly used for drawing the Φ8mm copper rod to Φ1.2~4.5mm hard and soft copper wire, or drawing the Φ9.5~12.0mm Aluminum rod to Φ1.7~5.0mm hard Aluminum wire. The whole line be managed by Siemens PLC. PLC detect linear speed, then account the needed voltage for annealing, ensure the copper wire to reach the best annealing effect. Operation is by touch-screen.

2. Type

450-13 Copper and Aluminum Breakdown Machine with Continuous Annealing

3. Main Technical Data

Type	450-13 Copper and Aluminum Breakdown Machine with Continuous Annealing
Main motor	250kw (AC)
The motor of fixed speed wheel	75kw (AC)
Dia. of drawing wheel	Φ450mm
Quantity of drawing die	13 pcs
In-put dia.	Cu Φ8mm Al Φ9.5~12.0mm
Out-put dia.	Cu Φ1.2~4.5mm Al Φ1.7~5.0mm
Max. speed of Cu wire without annealing	25m/s
Dia. of annealing wheel	Φ450mm
Annealing voltage	55V
Annealing power	360KVA
Annealing elongation	Φ1.3~1.78mm more than 25% Φ2.0~4.0mm more than 32%



1. Introduction

This line is used for drawing the copper alloy contact wire which is used in the electrified railway, drawing the 20~22mm rod to 10.8~14.4mm contact wire.

2. Type

1000/4, 1200/4 etc.

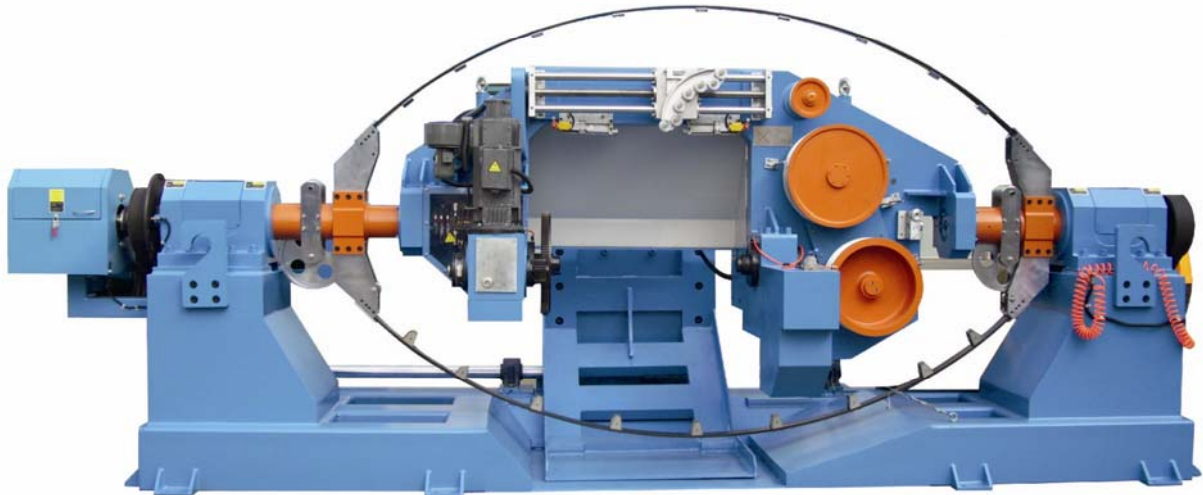
3. Main Technical Data

Type	1200/1+1000/4	1000/4
Inlet Wire Dia.(mm)	20~22	20
Outlet Wire Dia. (mm)	10.8~14.4mm	10.8~14.4mm
Section Elongation	20~47%	20~47%
Max. drawing Speed(m/min)	60	60
Motor power	1 pc of 75kw, 4pcs of 55kw, DC	1 pc of 75kw, 3pcs of 55kw, DC
Ratio of reducer	80~200	80~140
Pay off reel	2000	2000
Take up reel	2000	2000

Double Twister Line (Buncher)

**Type: Ø400, Ø500, Ø630, Ø800, Ø1000,
Ø1250, Ø1600, Ø2000**

It's used for stranding & cabling the computer traverse, earphone cable, electrica wire, telephone cable, automotive wire, network cable, PVC wire, copper wire, control cable, rubber cable, power cable etc



Single Twister Line

Type: Ø400, Ø500, Ø630, Ø800, Ø1000, Ø1250, Ø1600, Ø2000

It's used for stranding & cabling the power wire/cable, CAT 5, CAT 6 and data wire/cable, communication wire/cable etc.



Extruder for UL electric wire, PU, telephone cable, automotive wire and military wire.

Extruding material: PVC, PE and so on.

Main parts: pay-off, straighter, extruder, main controller, ink printer, water trough, accumulator, capstan, take-up and so on.



ITEM	P/O	Screw Dia.	L/D	Output (kg/h)	Motor Power	Wire Dia.	Temperature Control	Cooling Device	Accumulating length (m)	Outlet speed (m/min)	T/U	Electric control
HD-45+35	driven type, PN300-500	Φ45	25:1	50	15HP	Φ0.6-Φ3.0	5 Areas	W/U type	250	Max.500	dual-shaft, PN300-400	PLC + inverter
HD-50+35	driven type, PN400-500	Φ50	25:1	70	15HP	Φ0.6-Φ4.0	5 Areas	W/U type	250	Max.500	dual-shaft, PN400-500	PLC + inverter
HD-60+35	driven type, PN500-600	Φ60	25:1	100	20HP	Φ0.8-Φ8.0	6 Areas	W/U type	250	Max.500	dual-shaft, PN400-500	PLC + inverter



Extruder for UL power wire, audio wire, network wire, insulated wire, building wire

Extruding material: PVC, PU, PE and so on.

Main parts: pay-off, straighter, extruder, main controller, ink printer, water trough, accumulator, capstan, take-up and so on.

ITEM	P/O	Screw Dia.	L/D	Output (kg/h)	Motor Power	Wire Dia.	Temperature Control	Cooling Device	Accumulating length (m)	Outlet speed (m/min)	T/U	Electric control
HD-50	driven type, PN400-500	Φ50	25:1	70	15HP	Φ0.6-Φ4.0	5 Areas	Folding type W / U type	250	Max.500	dual-shaft, PN400-500	PLC + inverter
HD-70	dual-shaft type, PN400-630	Φ70	25:1	150	30HP	Φ1.5-Φ12	6 Areas	single-layer/double-layer/U type	200	Max.500	PN500-630	PLC + inverter
HD-90	big shaft type, PN630-800	Φ90	25:1	250	50HP	Φ3-Φ25	7 Areas	single-layer/double-layer/U type	200	Max.500	PN500-630	PLC + inverter

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High Speed Coiling Machine

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MACHINERY TECHNOLOGY CO., LTD



Double Take Up For Extrusion Machine



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Rewinding Machine



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High Speed Wrapping Machine



This line is a special machine for the purpose of rubber wire and cable's insulating, sheathing as well as for the continuous vulcanizing. The rubber material include natural rubber, SBR, CR, NBR, EPR, CPE, CSP and so on. The cable can be used in mining, marine.etc.



ITEM	XJ-65/14	XJ-90/16	XJ-120/16	XJ-150/16	XJ-60/14+ XJ-65/14	XJ-65/14+ XJ-90/16	XJ-90/16+ XJ-120/16	XJ-65/16+XJ- 120/16+XJ-90/16	XJ-90/16+XJ- 150/16+XJ-120/16
Dia. before extruding (mm)	Φ1.5~Φ4	Φ5~Φ20	Φ12~Φ50	Φ20~Φ8	Φ1.5~Φ10	Φ5~Φ30	Φ15~Φ80	Φ15~Φ80	Φ20~Φ90
Dia. after extruding (mm)	Φ15	Φ30	Φ60	Φ90	Φ20	Φ40	Φ90	Φ90	Φ110
Max.extruding speed (m/min)	40	30	30	20	40	30	20	20	20
Max. output (kg/h)	70	150	380	550	60+70	70+150	150+380	70+150+380	150+550+380
Screw material	38CrMnALA								
Screw type	Dual-screw thread, BM type								
Heating area	5	5	6	6	5+5	5+5	5+6	5+5+6	5+6+6
Main motor (DC)	27	55	110	132	27+27	27+55	55+110	27+110+55	55+132+110
length of vulcanizing pipe (m)	60	84	84	84	60	84	84	84	84
P/O reel	Φ630	Φ1600	Φ2500	Φ2500	Φ630	Φ2000	Φ2500	Φ2500	Φ2500
T/U reel	Φ630	Φ2500	Φ3150	Φ3150	Φ630	Φ2500	Φ3150	Φ3150	Φ3150
Capstan type	Φ630 dual-wheel	TQDV2000	TQDV2500	TQDV3000	Φ630 dual-wheel	TQDV2000	TQDV3000	TQDV3000	TQDV3000



Coloring speed	≤2200m/min (Nitrogen gas)
Structure speed	≤2500m/min
Rewinding speed	≤2500m/min

Characteristic:

- ★ Structure can be horizontal type;
- ★ 2 or 3 fibers can be colored together;
- ★ Higher speed of horizontal type: 2800m/min

HM05 Optical Fiber Secondary Coating Line

The line is used to extrude loose tube in which 2-12 optical fibers are contained. The extruding material can be PBT, PE.

Characteristic:

- ★ Can produce DRY type loosen tube;
- ★ Full automatic dual-reel type
T/U: higher speed; more stable
- ★ Bubble remover: more effective

Operation speed	10~300m/min (Φ1.8)
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HM-12/800 SZ Stranding Line

Advantage: with compacting structure, low noise and easy to maintain



Characteristic:

- ★ With higher speed binder: 100m/m at the pitch of 30mm;
- ★ Higher speed SZ oscillator with 4 motors

Loose tube dia./number of tube	Φ1.2-Φ4.0 mm/12
Production speed: (stranding pitch:70mm; yarn pitch: 30mm)	90m/m

Model SJ90×25 Sheathing Line

Production speed: 70mpm



SJ30 Tight Buffering Line



Equipped with high-speed automatic dual-reel type Take-up

Production speed: 350mpm

Characteristic:

- ★ With the function of resin pre-coating;
- ★ Dual-reel type T/U: higher speed

SJ65 Premise Optical Cable Production Line



Production speed: 100mpm (2 fibers)

Characteristic:

- ★ Cage type aramid yarn pay-off
- ★ Cage type or SZ type tight fiber pay-off for your option



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FTTH Cable Production Line

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Production speed: 100mpm



Characteristic:

- ★ Fiber material: G652, G657;
- ★ Jacketing material: PVC, PE, LDPE

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Steel Wire Flattening Machine



Steel Tape Spiral Armoring Machine



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Optical Fiber Cable Material



Aramid Yarn



Composite Aluminium-Plastics



Composite Steel-Plastics



GEL



FRP



Glass Yarn



PBT



PE



Phosphated Steel Wire



Rip Cord



Water Blocking Rop



Water Blocking Tape



Al Foil Tape



PVC Wrapping Film



Al-Mg Alloy Wire



PVC Resin



Silane Crosslinking Natural Insulation Material



PD Testing System For XLPE Cable Under 500kv



SRS Series Resonance Testing System



Automatic Cyclic Heating Test System



Impulse Voltage Generator



Power-Frequency Withstand Voltage Testing system



Spark Tester



Diameter Gauge



Digital Cable Testing System



Automatic Testing System for Optical Connector Ferrule Micro-geometric Parameters



Optical Fiber Multi-parameter Testing System

1. Introduction

The machine is used for separate automatically all kinds of cables and single wire, such as automotive cables, communication cables etc. The whole line is controlled by PLC.

2. Type

400A, 400B, 600A, 600C, 1200A etc.



Characteristic:

- ★ Recovery ratio is reach to 99%.
- ★ Environmental protection is well.
- ★ High automation.



3. Main Technical Data

Type	400A	400B	600A	600C	1200A
Processing cable range	Φ0.5-Φ20mm	Φ0.5-Φ20mm	Φ0.5-Φ20mm	Φ0.5-Φ20mm	Φ0.5-Φ20mm
Motor Power	22-25KW	15KW	67KW	39KW	118KW+15KW
Output	150-300kg/h	80-150kg/h	400-600kg/h	300-400kg/h	900-1300kg/h
Overall dimension (LxWxH)	3400x2100x2150mm	1600x1500x1700mm	4200x2000x2850mm	3900x2000x2200mm	10000x8700x3100mm

1. Introduction

The machine is used for separate automatically all kinds of cables and single wire.

2. Type

918-F, 918-K, 918-Q, 918-B

3. Main Technical Data

Type	918-F	918-K	918-Q	918-B
Processing cable range	Φ1-Φ32mm	Φ1-Φ42mm	Φ5-Φ90mm	Φ10-Φ200mm
Motor Power	1.5KW	2.2KW	3.0KW	7.5KW
Output	10-30kg/h	20-100kg/h	50-500kg/h	500-5000kg/h
Overall dimension (LxWxH)	540x520x840mm	700x550x840mm	820x790x1210mm	1520x620x1350mm



Paper Wrapper Machine

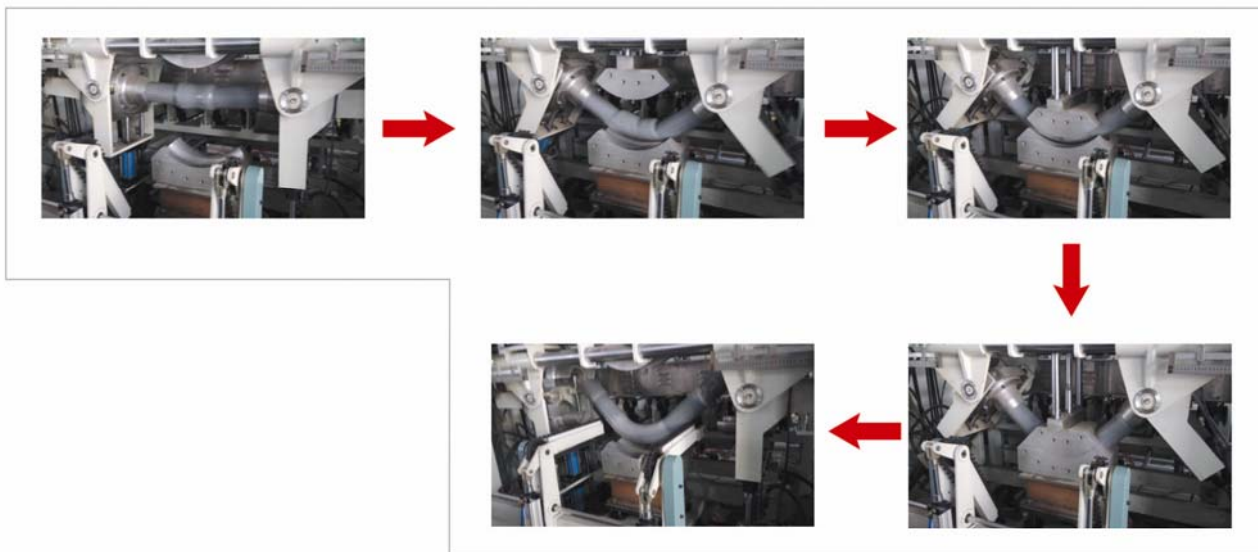
This machine is mainly used for the paper taping for transformer and electromagnetic wire.



Aluminum Longitudinal Tape Applicator Machine



This machine is mainly used for longitudinal tape applicator polyester film, aluminum-plastic composite tape etc on cable surface.



Characteristic:

- ★ The whole line automatic control
- ★ The bending angle can be designed according to the customer's request.
- ★ Suitable for all kinds of pipe bending, High efficiency



Suitable pipe size	32mm-50mm	75mm-160mm
Air Pressure	0.4-0.6Mpa	0.4-0.6Mpa
Pump motor	5.5kw	7.5kw
Max heating temperature	300℃	300℃
Required water pressure	0.2-0.3Mpa	0.2-0.3Mpa
Socket Type	U type & R Type	U type & R Type
Remark	Three piece each time	One pieces each time



Characteristic:

- ★ Suitable for all kinds of PE, PP, PVC pipe belling, High efficiency
- ★ The whole line automatic control and also can connect with the main extruder machine for Synchronized Production

	160	200	250	315	400	500	630
Pipe Size	50-160	63-200	63-250	110-315	160-400	250-500	315-630
Heater	2	2	2	2	2	2	2
Heating Power	8.4kw	10.5kw	12kw	18kw	21kw	21kw	30kw
Total power	20kw	25kw	28kw	42kw	47kw	53kw	67kw
Pipe length	3-8m	3-8m	3-8m	3-8m	3-8m	3-8m	3-8m
Cooling method	Water cooling or Air cooling						
Air pressure	0.6Mpa	0.6Mpa	0.6Mpa	0.6Mpa	0.6Mpa	0.6Mpa	0.6Mpa
Water pressure	0.4Mpa	0.4Mpa	0.4Mpa	0.4Mpa	0.4Mpa	0.4Mpa	0.4Mpa
Hydraulic oil	46# wear resistance hydraulic oil						