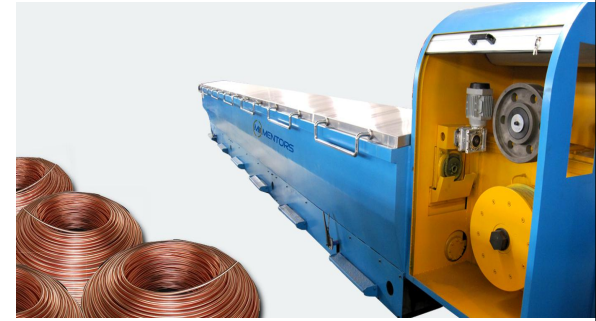


Zhangjiagang Mentors Machinery Co ., Ltd.

Wire Drawing Machine Series



Sales Director : Shelley Sun

Company Introduction

- ◆ Mentors is a professional manufacturer and exporter of wire drawing machine & cable making equipment in wire and cable field.
- ◆ Mentors combines the advanced technology with China manufacturing advantage, and is providing equipment and project with European Standard from our modern China facility to worldwide customers.
- ◆ Our products have exported to more than 20 countries. Such as Russia, Brazil, Iran, Egypt, Malaysia, Indonesia, Vietnam, Iraq, Syria, Kenya and so on.
- ◆ The main type of our products: Wire Drawing Machine, Annealing Machine, Bunching Machine and Extruder.
- ◆ Everything is possible. You can set the standard. Our Machine design can follow your idea.

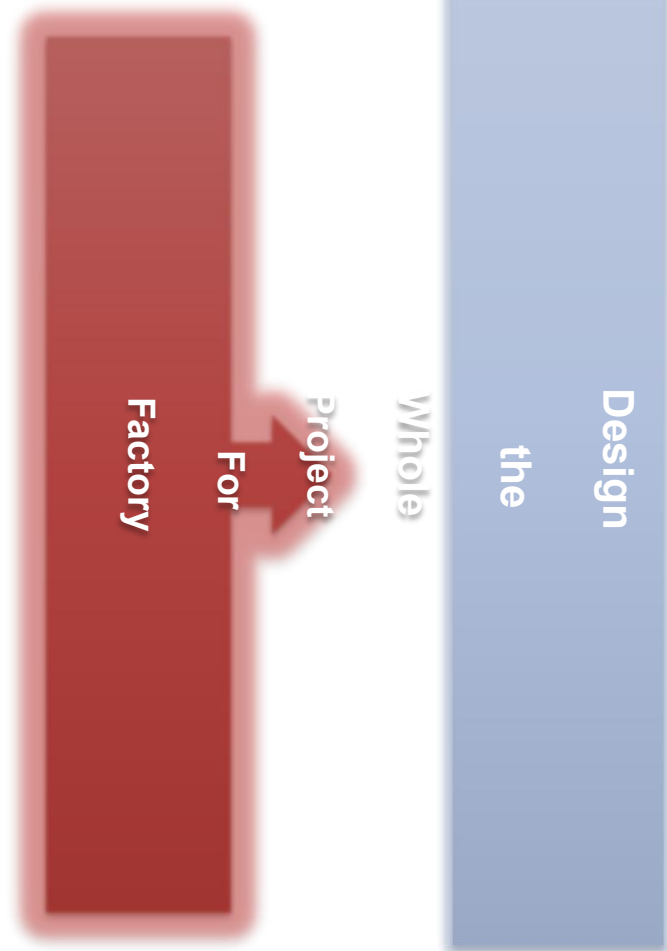
Our product

◆ Wire drawing M/C

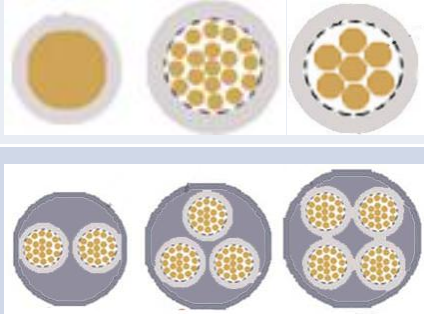
◆ Annealing M/C

◆ Bunching M/C

◆ Extrusion Line



Product Form

Type	Usage	Caption	Information we need
Wire Drawing M/C	Raw material: 1) Copper 2) Aluminium		1)Raw material: Copper or others 2)Inlet wire and outlet wire range 3)For copper, whether need annealing part
Twisting M/C	Twisting No: 1)Bare copper 2)Core wire	 7 strands	1)Single bare copper wire size 2)The total quantity for twisting.
		 19 strands	1)Single core wire diameter 2)The total quantity for twisting
Wire & Cable Extruder M/C	Insulator : 1)Primary insulation 2)External sheath		The finished product diameter range

Wire Drawing M/C

☐ Rod Breakdown M/C

Inlet wire: 8mm , Outlet wire: 1.2-3.5mm

- ☐ Rod Breakdown M/C
- ☐ Annealing M/C
- ☐ Double spool take up M/C
- ☐ Coiler

☐ Intermediate Wire Drawing M/C

Inlet wire : 2.6-3.2mm ,Outlet wire : 0.4-1.6mm

- ☐ Intermediate Wire Drawing M/C
- ☐ Continuous Annealing M/C
- ☐ Pneumatic single spool take up M/C
- ☐ Coiler (optional)

Inlet wire : 0.5-1.2mm , Outlet wire: 0.08-0.4mm

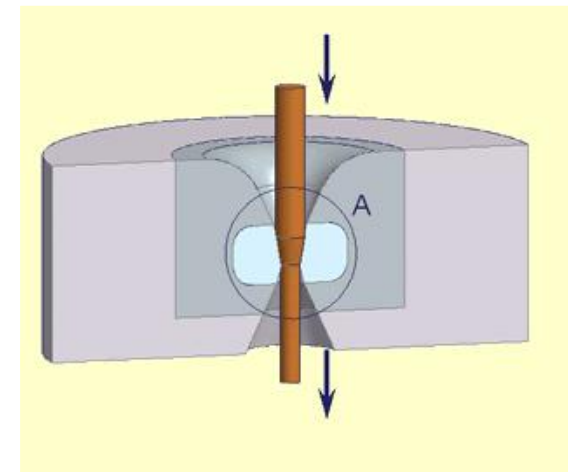
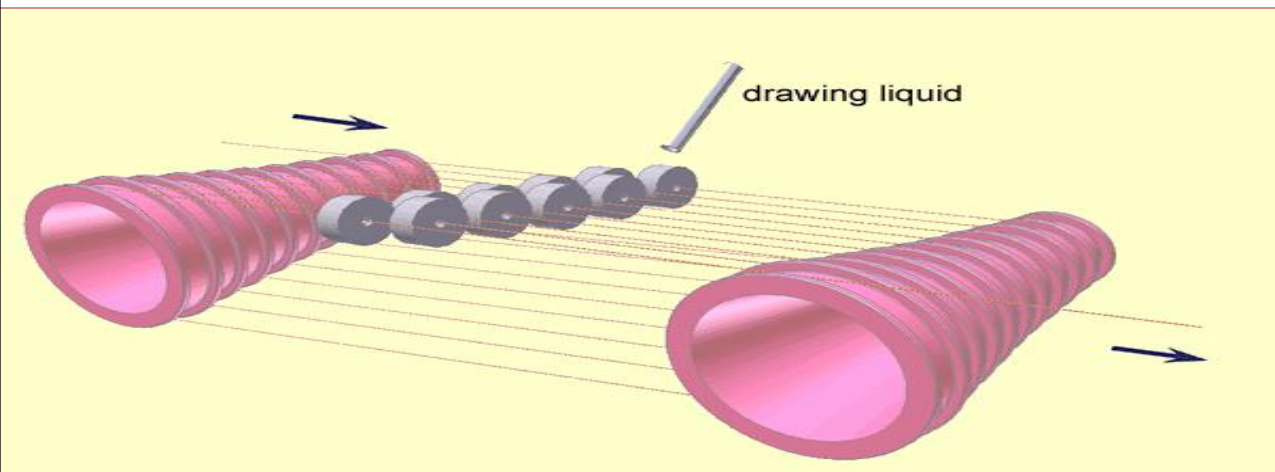
☐ Fine Wire Drawing M/C

- ☐ Extremely Fine Wire Drawing M/C

Inlet wire : 0.12-0.45mm , Outlet wire: 0.04-0.15mm

Wire Drawing M/C

- ◆ Usage: Drawing the copper or other raw material from big size to small size. To choose machine according to the inlet wire and outlet wire.



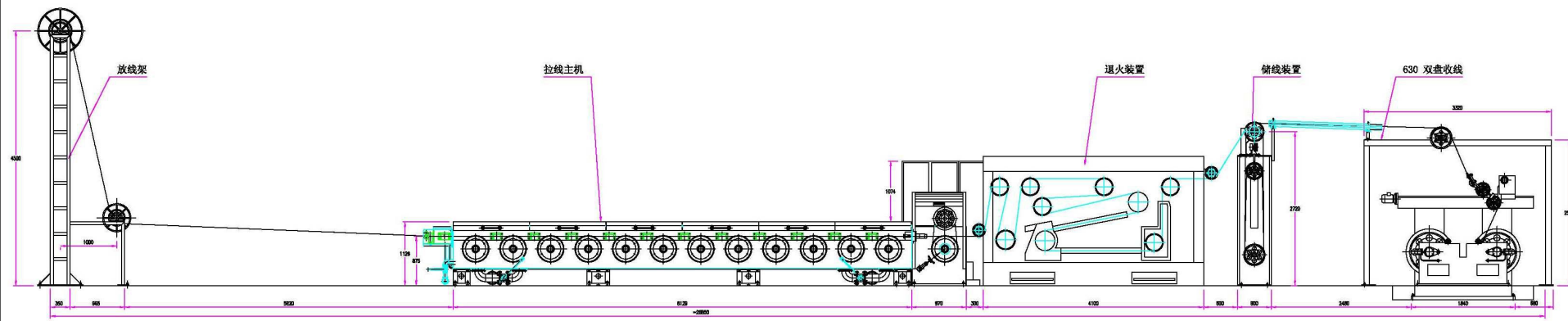
Wire Drawing M/C

□ Rod Breakdown M/C



Wire Drawing M/C

□ The Scope of Supply



Pay off stand

Wire drawing

Annealing M/C

Tension
Stand

Take up M/C

◆ *Main Spec for single wire, two wires machine is optional choice :*

Type	SY-450/9	SY-450/11	SY-450/13
Inlet Dia.	8mm		
Outlet Dia.	2.0-3.5mm	1.5-3.5mm	1.2-3.5mm
Max. Die No	9	11	13
Drawing Drum Dia.	450		
Max. Drawing Speed	20m/s	22m/s	25m/s
Fix Speed Capstan Motor	75KW DC		
Main Motor	280KW DC		
Take Up Type	Double Spool Take Up or Coiler		

Wire Drawing M/C

☐ Copper Rod Breakdown M/C

☐ Rod Breakdown M/C

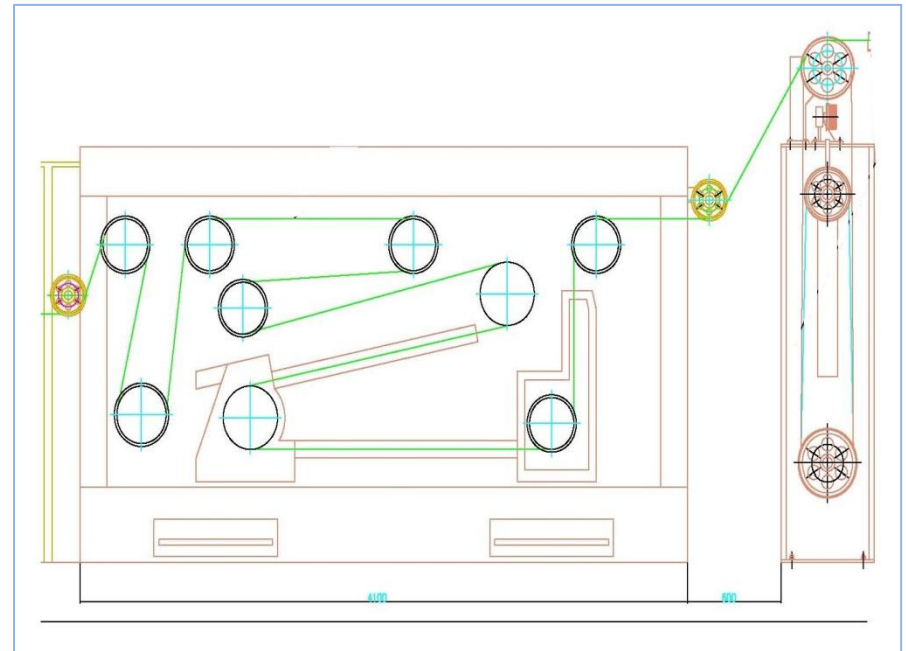
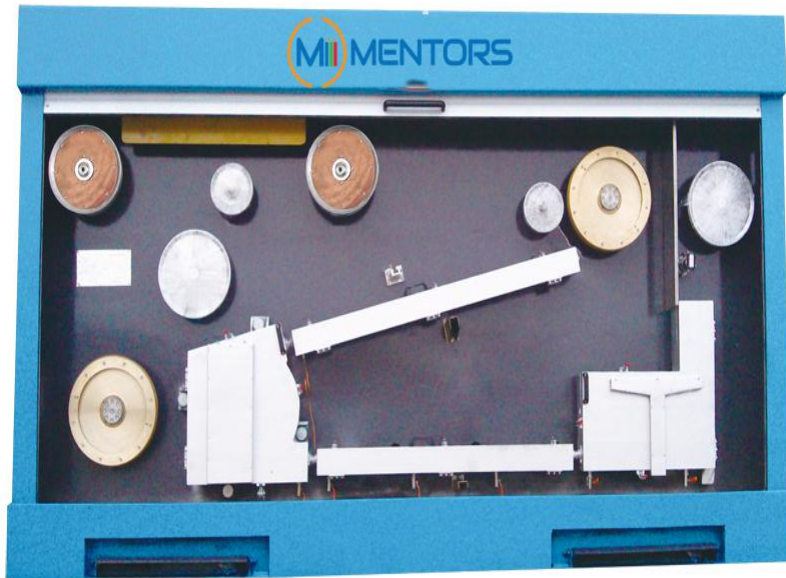
☐ Annealing M/C

☐ Take Up M/C

Copper Rod Breakdown M/C



Annealing M/C



450T Continuous Annealing M/C



◆ 450T Copper Continuous Annealing M/C

Name	Technical Parameter
Wire range	1.2mm-3.5mm
Max. Speed	25m/min
Annealing structure	Horizontal type
Annealing current	MAX: 6000A DC
Annealing voltage	MAX: 65 V DC



Copper Rod Breakdown M/C



Rod Breakdown M/C



Annealing M/C



Take Up M/C



◆ Usage: After drawing, the wire took by bobbin or coiler



Double Spool Take Up M/C



Coiler

Wire Drawing M/C



MENTORS

Wire Drawing M/C

☐ Intermediate Wire Drawing M/C

☐ Wire Drawing M/C

☐ Annealing M/C

☐ Take Up M/C

Wire Drawing M/C



Intermediate Wire Drawing M/C



◆ The Main Type

Type	SY-17DH	SY-13DH
Inlet Dia.	2.6-3.0mm	2.6-3.0mm
Outlet Dia.	0.4-1.6mm	0.68-2.0mm
Max. Die No	17	13
Slip Ratio of M/C	20%	20%
Max. Speed	2000m/Min	2000m/Min
Take Up Bobbin Size	500-630 MM	500-630 MM
Main Motor	55KW	55KW
Take Up Motor	11KW	11KW

Wire Drawing M/C

☐ Intermediate Wire Drawing M/C

☐ Wire Drawing M/C

☐ Annealing M/C

☐ Take Up M/C



◆ Technical Parameter

Type	SY-350T	SY-250T	SY-250T/B
Wire range	1.2-3.0mm	0.4-1.2mm	0.6-2.0mm
Annealing current	2500/4000A	1200-1500A	2000A
Annealing voltage	60V	60V	60V
Max. Speed	15m/Min	25m/Min	25m/Min

Wire Drawing M/C

Intermediate Wire Drawing M/C

 Wire Drawing M/C

 Annealing M/C

 Take Up M/C



◆ Usage: for taking up finish product



Pneumatic Spool Take Up M/C

Wire Drawing M/C

Fine Wire Drawing M/C



Wire Drawing M/C: Fine Wire Drawing M/C

◆ Online Annealing is optional choice, there are four main types for without Annealing:

Type	SY-B28	SY-B18	SY-B22	SY-B24
Inlet Dia.	0.8-1.6mm	0.8-1.6 mm	0.6-1.38 mm	0.5-1.0 mm
Outlet Dia.	0.15-0.40 mm	0.16-0.52 mm	0.1-0.32 mm	0.08-0.25 mm
Max. Die No	28	14	22	24
Slip Ratio of M/C	13%	15%	15%	13%
Speed	1500m/Max	1200m/Max	2500m/Max	2500m/Max
Take Up Bobbin Size	Φ300 /Φ400	Φ300 mm	Φ300 mm	Φ300 mm
Main Motor	15KW	18.5 KW	11KW	11KW
Take Up Motor	4KW	4KW	4KW	4KW

Thanks for watching!

Welcome to
Zhangjiagang Mentors Machinery Co ., Ltd.



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