



PAN-PIONEER Co., Ltd.

民鋒股份有限公司

Specification

1. 60mm high speed telephone cable tandem line

1.] Main specification:

1.1.) Main Specification Of Drawing Machine:

- 1.1.1.) Type: DB-17 Horizontal dipping type machine
- 1.1.2.) Application: For copper wire drawing and annealing
- 1.1.3.) Supply wire: 2.0-2.6mm
- 1.1.4.) Finished wire: 0.40-0.90mm
- 1.1.5.) Line speed: MPM Max.
- 1.1.6.) Number of dies: 17 pcs
- 1.1.7.) Machine area reduction: 18%-15%
- 1.1.8.) Machine wire elongation: 22%-18%
- 1.1.9.) "CCCS" Central Computer Control operation system for continuous annealer
- 1.1.10.) Driven motor: 100 HP DC for drawing machine. (AC option)

1.2.) Main Specification Of Annealing Machine:

- 1.2.1.) Type: AC single phase electric resistance type
- 1.2.2.) Line speed: MPM Max.
- 1.2.3.) Annealing wire dia: 0.40-0.9mm
- 1.2.4.) Transformer: 120KVA dry type
- 1.2.5.) Contacting Sheave: Preheating zone + Annealing zone
- 1.2.6.) Anti-oxygen steam boiler
- 1.2.7.) Electric control: [MMI+PLC] computer

1.3.) Main Specification Of Insulation Machine:

- 1.3.1.) Type: BM mixing type extruder
- 1.3.2.) Application: Solid PVC/HDPE insulation for telephone wire.
- 1.3.3.) Capacity: 150kg/Hr (soft PVC)
- 1.3.4.) Conductor dia: 0.4-0.90mm
- 1.3.5.) Finishing dia: 0.6-3.0mm
- 1.3.6.) Screw type: BM type, C/R: 3.0
- 1.3.7.) X-head: Fixed center type.
- 1.3.8.) Line speed: 2100MPM Max.(production speed)
- 1.3.9.) Control system: "CCCS" system.
- 1.3.10.) Driven motor:
 - a.) HP DC motor for extruder x 1 set
 - b.) HP DC motor for capstan x 1 set

1/2

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表單編號: FM-012-1



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c.) HP DC motor for dual spooler x 2 sets

1.4.) Main Specification Of 500mm Dual Take-Up Machine:

- 1.4.1.) Type: Dual spooler with auto-change device.
- 1.4.2.) Applications: Non-stop continuous spooling for
- 1.4.3.) telephone wire insulation line
- 1.4.4.) Bobbin size: 500mmODx375mmAW
- 1.4.5.) Line speed: MPM Max.
- 1.4.6.) Wire change: Automatic change
- 1.4.7.) Bobbin change: In/out by manual type
- 1.4.8.) Driven Motor: HP DC motor 2 sets

2.] Machine Composition:

- 2.1.) DB-17 Wire Drawing Machine..... 1 set
 - 2.2.) 120KVA Annealing Machine 1 set
 - 2.3.) Driven Motors 1 set
 - 2.4.) 10KVA Wire Preheater..... 1 set
 - 2.5.) Auto Loader & Hoper Dryer 1 set
 - 2.6.) 60mm Insulation Extruder 1 set
 - 2.7.) Fixed Center X-Head 1 set
 - 2.8.) Laser Meter Detector 1 set
 - 2.9.) Control & Operation Panel 1 set
 - 2.10.) 3M Moving Cooling Trough..... 1 set
 - 2.11.) 50M Multiple Cooling Trough 1 set
 - 2.12.) Dual Wheel Capstan 1 set
 - 2.13.) 2nd Vertical Accumulator 1 set
 - 2.14.) Dual Spooler Take Up..... 1 set
 - 2.15.) Driven Motors 1 set
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