



PAN-PIONEER Co., Ltd.

民鋒股份有限公司

SPECIFICATION

Item Description

1. DB-17 Medium Wire Drawing Machine c/w

Continuous Annealer & Single Spooler

[CCCS]: Central Computerized Control System.

1.] Main specification:

- 1.1.) Type: water dipping type horizontal tandem drawing
- 1.2.) Application: medium copper wire drawing with Non-hard wire continuous annealing
- 1.3.) Supply wire: copper wire **3.2-1.4mm**
- 1.4.) Finished wire: **1.7-035 mm**
- 1.5.) Line speed: MPM 2steps.
- 1.6.) Number of dies: 17 pcs.
- 1.7.) Mechanical reduction ratio:
 - 1.7.1.) 18.5% for No.1-16 die.
 - 1.7.2.) 15.0% for finish die.
- 1.8.) Continuous annealer:
 - 1.8.1.) Three contact sheave type.
 - 1.8.2.) True RMS (root-mean-square) Power control system with CCCS control system.**
 - 1.8.3.) **Steam/Nitrogen/water** three ways of oxygen-proof for discolor prevention.
 - 1.8.4.) 400L of cooling at the bottom side of annealer.
 - 1.8.5.) Expandable cooling Fin type heat-exchanger.
 - 1.8.6.) 4 sets of ultra high flow air wiper (patented by pan-pioneer).**
- 1.9.) Annealing capacity: **120KVA with A class Transformer**
- 1.10.) Driving motor:
 - 1.10.1.) HP AC for drawing machine.**
 - 1.10.2.) HP AC motor for take-up**



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2.] Machine composition:

2.1.) Drawing machine with 630mm takeup	1set
2.1.1.) Drawing Machine Mainframe	1set
2.1.2.) Two speed gear selector	1set
2.1.3.) Cone type drawing capstan	1set
2.1.4.) Angle adjustable Dynamic Die holder	17sets
2.1.5.) Guide wheel.....	1sets
2.1.6.) Flow back tray.....	1sets
2.1.7.) heat exchanger for drawing lubricant.....	1set
2.1.8.) Inlet guide Roller.....	1set
2.1.9.) Pointing machine	1set
2.1.10.) Vertical type accumulator	1set
2.1.11.) hp AC motor with Inverter for drawing	1set
2.1.12.) hp AC motor with Inverter for takeup	1set
2.1.13.) Length Counter with counter wheel	1set
2.1.14.) Tray for loading / unloading bobbins.....	1set
2.1.15.) 6" LCD touch screen monitor.....	1set
2.1.16.) Control panel for drawing M/C	1set
2.1.17.) Control panel for Takeup	1set
2.1.18.) Ultra high flow air wiper	1sets
2.1.19.) Zero-hard annealing device	1set
2.1.20.) Inching pad	1set
2.1.21.) PID control system for takeup.....	1set
2.2.) Continuous annealer	1set
2.2.1.) Annealing Mainframe.....	1set
2.2.2.) Copper Alloy contact sheave	3set
2.2.3.) 120KVA transformer of annealer.	1set
2.2.4.) True RMS Annealing Power Controller.....	1set
2.2.5.) Annealing Lubricant Tank with pump.....	1set
2.2.6.) Heat exchanger for annealing Lubricant	1set
2.2.7.) Steam generator	1set
2.2.8.) Ultra high flow air wiper	1set
2.2.9.) Steam/Nitrogen/water three way Oxygen isolator.....	1set
2.2.10.) Guide Roller.....	some
2.2.11.) Ball type Water level controller	4sets
2.2.12.) Ball type Steam/Nitrogen water level controller	1set
2.2.13.) Thermal couple with temperature controller.....	1set
2.2.14.) Ultra high flow air wiper	3sets
2.2.15.) Annealing control Panel.....	1set
2.2.16.) Locking door	1set
2.2.17.) Inching pad	1set



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