



---

## SPECIFICATION

---

**1.] Copper Tape & 96 bobbin Wire Screening Machine.....1set  
C/W CCCS Auto Loading/Unloading system.**

1.1.) Main Specification:

- 1.1.1.) Type: Tandem rigid type with auto loading/unloading system
- 1.1.2.) Copper wire size: Max.
- 1.1.3.) Steel wire size: Max.
- 1.1.4.) No. of wire: 96 wires
- 1.1.5.) Bobbin size of pay-off: 315-355mm/OD X 180/D2 X 200/W1 X 236/W2 X 127/D4
- 1.1.6.) Bobbin arrangement: 12rows X 8pcs =96B
- 1.1.7.) Bobbin tension device: Adjustable tension rope type
- 1.1.8.) Cable size: 110mm Max.(fixed tube hole: 130mm/ID)
- 1.1.9.) Rotation: For both S and Z twists are available.
- 1.1.10.) Wire broken detector for each one of 96 pay-off bobbins.: Pulse detecting type.
- 1.1.11.) Counter system: one is on control panel and the other one is on caterpillar
- 1.1.12.) Compressor : one set for screening machine only

1.1.13.) Non-metal tapping head:

- Type: Lateral type (eccentric type)
- Broken tape detector: Contact type.
- Illumination system : Fluorescent lamp inside the tapping head
- Tension mode: Hysteresist.
- Pitch control: Either automatically controlled by the CCCS or the operator can control manually.
  - 1) CCCS control mode : operators has to put the Dia of the wire, the width of the cable, and the overlapping ratio needed.
  - 2) Manual control
- No. of head: 2 heads
- Pads per head: 2 pads
- Pad size: 600mm/OD X 75mm/ID X 20-60mm/W

1.1.14.) Metal tapping head

- Type: Lateral type (eccentric type)
- Broken tape detector: Contact type
- Illumination system : Fluorescent lamp inside the tapping head
- Tension mode: Hysteresist.
- Pitch control: Either automatically controlled by the CCCS or the operator can control manually.
  - 1) CCCS control mode : operators has to put the Dia of the wire, the width of the cable, and the overlapping ratio needed.
  - 2) Manual control
- No. of head: 1 head



# PAN-PIONEER Co., Ltd.

## 民鋒股份有限公司

---

Pads per head: 2 pads

Pad size: 600mm/OD X 100mm/ID X 10 X 10-60mm/W

### 1.1.15.) Pay-off Stand

Type: Floor rail way type with drum traversing type

Drum size: 1600-2600mm / OD

Loading capacity: 8 Tons Max.

Tension control: Dancer arm type with speed loop control

### 1.1.16.) Take-up Stand

Type: Floor rail way type with drum traversing type

Drum size: 1600-2600mm / OD

Loading capacity: 8 Tons Max.

Tension control: Dancer arm type with speed loop control

### 1.1.17.) Caterpillar Unit:

Pulling force: Kg

Haul speed: MPM with a 4-step gear selection.

Diameters of cable: 110mm Max.

Length counter: Digital type with counter wheels.



**PAN-PIONEER Co., Ltd.**  
民鋒股份有限公司

---

Item	Description	Q'ty
<b>2.] Machine Composition:</b>		
2.1.)	2600mm motor driving pay-off stand .....	1set
2.2.)	600mm non-metal tapping head.....	2sets
2.3.)	315mm-96B tandem rigid type strander .....	1set
2.4.)	Auto Loading/Unloading system .....	1set
2.5.)	Stranding / Armouring die stand.....	1set
2.6.)	600mm metal tapping head.....	1set
2.7.)	length counter device .....	1set
2.8.)	kg caterpillar .....	1set
2.9.)	2600mm motor driving take-up stand.....	1set
2.10.)	Driving motors and control system.....	1set
2.11.)	Safety cover .....	1set
2.12.)	CCCS: Central computerize control system .....	1set
2.13.)	Strandard spare parts.....	1set
2.14.)	HP air compressor.....	1set
2.15.)	Wire broken detector.....	96units
2.16.)	315mm Reels with dynamic balance test.....	300pcs
<b>Total Amount (Fob)</b>		

---



---

## SPECIFICATION

---

### **Rigid type Wire Screen Machine**

#### **3.] Main Specification**

- 3.1.) Type: Tandem Rigid type with auto loading / unloading system.
- 3.2.) Application:
  - 3.2.1.) For high voltage cable copper wire screening.
  - 3.2.2.) For steel wire armouring.
- 3.3.) Cable diameter: 20-110mm
- 3.4.) Passage hole: 130mm Max.
- 3.5.) Screening & armouring:
  - 3.5.1.) Copper wire diameter: 3.2mm Max.
  - 3.5.2.) Steel wire diameter: 2.6mm Max.(with tapping fixed)
- 3.6.) Bobbin size: 315-355 /D1 X 180/D2 X 200/W1 X 236/W2 X 127/D4
- 3.7.) Bobbin arrangement: 12 rows X 8 pcs = 96B
- 3.8.) Wire tension device: Adjustable tension rope type
- 3.9.) Rotation direction: For both S & Z twists are available
- 3.10.) Wire broken detector: Pulse detecting type
- 3.11.) Driving motor:
  - 3.11.1.) Main motor: DC motor
  - 3.11.2.) Inching motor: AC motor
- 3.12.) Control system: CCCS [Central computerized control system]

#### **4.] Machine Composition:**

- 4.1.) 96B Main body of tandem rigid strander ..... 1set
- 4.2.) Auto loading / unloading device ..... 1set
- 4.3.) Pneumatic system..... 1set
- 4.4.) Inching & positioning device..... 1set
- 4.5.) Die stand ..... 1set
- 4.6.) Driving motor and control panel..... 1set
- 4.7.) CCCS control system..... 1set
- 4.8.) Wire broken detector..... 96sets

**5.] Operation direction: Right hand ( from right to left ).**

**6.] Remarks: safety fence for rotor is prepared by buyer.**



PAN-PIONEER Co., Ltd.

民鋒股份有限公司



No.50 Lane 573 Ping-Dong Rd., Ping-Zhen City , Tao-Yuan County , TAIWAN , R.O.C.

Tel : +886-3-4604789 Fax : +886-3-4604788

E\_mail : [sales@pan-pioneer.com](mailto:sales@pan-pioneer.com) [Http://www.pan-pioneer.com](http://www.pan-pioneer.com)