



2600mm floor type pay-off/Take-up Stand

19.] Main Specification

- 19.1.) Type: Floor rail way type with traversing type.
- 19.2.) Application: For cable core pay-off/take-up in the process of cable manufacturing or rewinding.
- 19.3.) Drum size: 2600mm/D1 X 1400mm/W2.
- 19.4.) Cable core: 110mm Max.
- 19.5.) Line Speed: MPM Max.
- 19.6.) Loading Capacity: 8 Ton
- 19.7.) Cable tension: Kg
- 19.8.) Driving motors:
 - 19.8.1.) Pay-off/Take-up motors: AC motors with vector inverter
 - 19.8.2.) Pay-off/Take-up Traversing motor: AC servo motor with driver.
 - 19.8.3.) Lifting motor: 3HP AC reduction motor
 - 19.8.4.) Clamping motor: AC reduction motor

20.] Machine Composition:

- 20.1.) 2600mm Floor type pay-off/take-up stand 1set/each
- 20.2.) Loading/Unloading Unit 1set/each
- 20.3.) Drum clamping device 1set/each
- 20.4.) Traversing system 1set/each
- 20.5.) Touch roller device 1set/each
- 20.6.) Motor & operation panel 1set/each

21.] Detail of machine specifications:

- 21.1.) Pay-off/Take-up stand
 - 21.1.1.) Type: Floor type with drum traversing device.
 - 21.1.2.) Stand material: made of ■ square channel.
 - 21.1.3.) Loading capacity: 8 Ton
 - 21.1.4.) Drum Size: 1600mm/OD X 1080/W2
2600mm/OD X 1400/W2
- 21.2.) Loading/Unloading device:
 - 21.2.1.) Lifting device: Up and down driven by 2 sets of 3HP X 1/30 reduction AC motors through a couple of screws in both side of vertical hanging arm, it can be operated individual or both in same time.
 - 21.2.2.) Lifting speed: 360mm/min
 - 21.2.3.) Lifting capacity: 8 Ton
- 21.3.) Drum clamping device
 - 21.3.1.) Type: Screw lock up, both side support arm close & open to lock and release the drum.



- 21.3.2.) Clamping speed: 10mm/sec for both side.
- 21.3.3.) Clamping force: can be adjusted by torque limiter for each side of support arm.
- 21.3.4.) Support arm moving width: 600mm
- 21.3.5.) Drum support end: 140mm with adaptors for small drums
- 21.3.6.) Driving motor: 1/60 reduction motor
- 21.4.) Traversing device:
 - 21.4.1.) Type: Floor railway .type. The drum moving is done by motors with cable centering control system.
 - 21.4.2.) Driving motor: AC servo motor with driver with speed synchronizing with speed of drum.
 - 21.4.3.) Traversing speed: 10mm/sec Max.
 - 21.4.4.) Traverse width: 1600mm
 - 21.4.5.) A auto/manual switch is available for traversing adjustment.
- 21.5.) Tension control device:
 - 21.5.1.) Type: Driving motor tension control type.
 - 21.5.2.) Tension force: Kg
 - 21.5.3.) Tension adjust: Adjusted by loop detector on operation panel
- 21.6.) Touch roller device:
 - 21.6.1.) Type: Two pieces of vertical traversing guide roller installed in front of the drum and on the center line for drum traversing pitch control.
 - 21.6.2.) Guide roller: with 100mm diameter and 1000 height to keep the cable in the position of drum center line.
- 21.7.) Safety control device:
 - 21.7.1.) Drum clamping position limit switch control with drum rotating motor circuit interlock.
 - 21.7.2.) Drum lifting up and down limit switches with auto stop circuit interlock.
 - 21.7.3.) Traversing width limit switches detecting control.
 - 21.7.4.) All rotating parts should be covered by safety cover.
- 21.8.) Operation panel:
 - 21.8.1.) All the switches, push buttons and pilot lamps will be assembled together in a compact operation panel.
 - 21.8.2.) Type of operation panel: movable horizontal steel rope hanging type.
 - 21.8.3.) Movable distance: whole width of pay-off/take-up stand of front side.
 - 21.8.4.) All wiring inside the machine including DC motor are to be done by seller.
 - 21.8.5.) Control items:
 - Power source control
 - Current/voltage meter
 - Drum loading/unloading
 - Drum traversing
 - Drum clamping
 - Tension control
 - Synchronization control

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