



630mm Auto-Changeover Dual Spooler

1.] Main specification:

1.1.) Complete set which do not need any wirings job except power source connection.(Plug and Play design)

1.2.) New Features :

Our new desing of Dual spool with auto change over device is to make this machine more compact and easy installation, User just connect the three wires(power source) then everything is set. This machine can be co-operate with either high speed tandem line (for telephone cable) or the wire drawing machine (copper or aluminum) excepts these modifications above, it has more User-friendly design :

1.2.1.) Built-In dancer / accumulator with highly sensitive air pressure control valve. This design can let this machine become a “complete” set without anything needed. Built-In accumulator support the necessary speed control signal therefore no external wirings needed to the main machine.

This is also a “universal” take-up devices which is even not for cable rewinding only but can be used on others production field, such as rope, tape... Mod Bus High speed control technology which control the rotation of Dual spooler by not as traditional way but via “Communicate with motor controller with industry standard communication protocol which is also used in modem vehicle such BMW , Benz...) This new approach is inevitable since it overcome all the traditional signal flaws by just 2/4 wires which replace hundreds wires for utilizing traditional technology . IOW, it is much more easier for diagnosis and maintenances.

1.2.2.) This dual spooler can be used on different sizes of bobbins, such as 500/560/630mm and it is custom-design for more flexibility.

1.2.3.) All steps while changeover being executed is controlled by CCCS which control the processes and calculate the corresponding by real situation, such as current line speed, annealing condition (for wire drawing machine), and cable diameter control system (for extrusion machine).

After calculation, CCCS will optimize the best changeover condition and timing for executing changeover to increase the changeover successful rate.

1.2.4.) Build-In horizontal accumulator which save installation space, cost and wiring job (no need)

1.3.) Type: Tandem type with Auto-bobbin change over device.

1.4.) Applications: Non stop double spooling for wire drawing or extrusion line.

1.5.) Conductor dia: 0.3-4.5mm



1.6.) Line speed: 1800MPM Max.

1.7.) Bobbin size: 630mmOD×475mmAW DIN-46397

1.8.) Driven Motor: 25HP AC motor 2 sets

2.] Machine composition:

2.1.) Speed detect accumulator 1set (option)

2.2.) Main body of dual spooler..... 1set

2.3.) Wire Auto-change over unit 1set

2.4.) Length counting device..... 1set

2.5.) Pneumatic loading system..... 1set

2.6.) Motors with control panel..... 1set

2.7.) Conveyor 2sets

2.8.) Touch Screen monitor + PLC 1set

2.9.) Air compressed clamp cylinder..... 2sets

2.10.) Tool Box 1set