Name: Floor Type Pay Off Stand

1.] Main Specification

1.1.) Model:

MODEL	Drum dia. (mm)	Drum width (mm)	Load (kg)	Speed (MPM)	Cable dia.(mm)
PF-200(M)	1000-2000	600-1600			5-60
PF-225(M)	1100-2250	600-1600			5-70
PF-260(M)	1250-2600	800-1900			10-80
PF-280(M)	1600-2800	1200-1900			10-80

＊(M): Motorize cable-sending type by optional order.

1.2.) Features:

1.2.1.) Type: two poles floor traversing type, drum is hanged by a vertical elastic column each side. Drum traversing on the floor keeps cable straightly send out. On dual drum continuous pay off, the front pay off stand can be moved away for the real drum cable sending out

1.2.2.) Motorize cable sending unit is available by optional order, unit complete with bobbin driven system and speed detect accumulator

1.2.3.) Application: for large cable pay off in the process of cable manufacturing or rewinding

1.3.) Machine composition:

1.3.1.) Pay off frame..... 1 set
1.3.2.) Drum lifting unit ..... 1 set
1.3.3.) Drum clamping unit ..... 1 set
1.3.4.) Drum traversing unit..... 1 set (Option)
1.3.5.) Floor rail way..... 1 set
1.3.6.) Cable sending device..... 1 set (Option)

1.4.) Remarks:

1.4.1.) If the above specification differs from that of the quotation or sales contract, according to the quotation or sales contract.

2.] Detail specifications:

2.1.) Gate frame:

2.1.1.) Type: two poles gate type, drum is hanged by the elastic frame stand each side. Frame stand is made of strong □ square column

2.1.2.) Machine is traversing on the floor keeps cable straightly sending out.

2.1.3.) On dual drum continuous pay off, the front pay off stand can be moved away for the cable of real drum sending out

2.2.) Drum lifting:

2.2.1.) Up and down of drum driven by 2 sets of motor plus reduction motor through a couple of ball screws in both side of elastic square column

2.2.2.) Lifting operation can be done individual or both at the same time

2.2.3.) Lifting speed: 6mm/sec.

2.3.) Drum clamping device:

2.3.1.) Type: Horizontal elastic column with screw locking, both side of support columns move close or open to lock and release the drum

2.3.2.) Cramping speed: 6mm/sec. (both side)

2.3.3.) Cramping force: can be adjusted by torque limiter for Max. and Min. space of support columns

2.3.4.) Drum support end: 80-125mm with adaptors for small drums

2.3.5.) Driven unit: AC reduction motor through a closing screw and torque limit spring, motor will automatically stop while succeed of drum locking

2.3.6.) Drum adaptors for non-standard drums locking are available by option

2.4.) Drum traversing: (Option)

2.4.1.) For dual pay off stand only, to move away the 1st pay off drum to give space for cable passing way of the drum on the 2nd pay off stand

2.4.2.) Also available for drum traversing during pay off of large cables, keeps cable send out straightly

2.4.3.) Moving speed: 4mm/sec.

2.4.4.) Traversing pitch, stroke and reverse revolution are done by Inverter control

2.4.5.) Quick traverse: before starting of next drum, quick remove cable to the starting position. This attachment also available for hand adjust of traversing pitch

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2.9.4.) Control items:

a.) Power source control

b.) Ampere/voltage meter

c.) Drum lifting

d.) Drum traversing

e.) Drum clamping

f.) Brake system

g.) Cable sending (option)

2.10.) Excluded items:

2.10.1.) Drums

2.10.2.) Cable sending device

2.10.3.) Pressure air supply

2.10.4.) Wiring, piping and installation work

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Name: Floor Type Pay Off Stand

1.] Main Specification

1.1.) Model:

MODEL	Drum dia. (mm)	Drum width (mm)	Load (kg)	Speed (MPM)	Cable dia.(mm)
PF-360	1800-3600	1400-2100			20-120
PF-400	2000-4000	1600-2400			20-140

1.2.) Features:

1.2.1.) Type: two poles floor traversing type, drum is hanged by a vertical elastic column each side. Drum traversing on the floor keeps cable straightly send out. On dual drum continuous pay off, the front pay off stand can be moved away for the real drum cable sending out

1.2.2.) Machine completed with motorize cable sending device

1.2.3.) Application: for large cable heavy duty pay off in the process of PVC/PE cable sheathing, cable armouring or rewinding

1.3.) Machine composition:

1.3.1.) Pay off frame..... 1 set
1.3.2.) Drum lifting unit ..... 1 set
1.3.3.) Drum clamping unit ..... 1 set
1.3.4.) Drum traversing unit..... 1 set
1.3.5.) Floor rail way..... 1 set
1.3.6.) Cable sending device..... 1 set (option)
1.3.7.) Loop tension control..... 1 set (Option)

1.4.) Remarks:

1.4.1.) If the above specification differs from that of the quotation or sales contract, according to the quotation or sales contract.

2.] Detail specifications:

2.1.) Gate frame:

2.1.1.) Type: two poles gate type, drum is hanged by the elastic frame stand each side. Frame stand is made of strong □ square column

2.1.2.) Machine is traversing on the floor keeps cable straightly sending out.

2.1.3.) On dual drum continuous pay off, the front pay off stand can be moved away for the cable of real drum sending out

2.2.) Drum lifting:

2.2.1.) Up and down of drum driven by 2 sets of motor plus reduction motor through a couple of ball screws in both side of elastic square column

2.2.2.) Lifting operation can be done individual or both at the same time

2.2.3.) Lifting speed: 6mm/sec.

2.3.) Drum clamping device:

2.3.1.) Type: Horizontal elastic column with screw locking, both side of support columns move close or open to lock and release the drum

2.3.2.) Cramping speed: 6mm/sec. (both side)

2.3.3.) Cramping force: can be adjusted by torque limiter for Max. and Min. space of support columns

2.3.4.) Drum support end: 80-150mm with adaptors for small drums

2.3.5.) Driven unit: AC reduction motor through a closing screw and torque limit spring, motor will automatically stop while succeed of drum locking

2.3.6.) Drum adaptors for non-standard drums locking are available by option

2.4.) Drum traversing:

2.4.1.) Drum traversing: drum traversing during pay off of large cables, keeps cable send out straightly

2.4.2.) Traversing pitch, stroke and reverse revolution are done by Inverter control

2.4.3.) Quick traverse:

a.) before starting of next drum, quick remove cable to the starting position. This attachment also available for hand adjust of traversing pitch

b.) For dual pay off stand drum exchange, to move away the 1st pay off drum to give space for cable passing way of the drum on the 2nd pay off stand

2.5.) Cable motorize sending unit:(Option)

2.5.1.) Driven system: driven motor is installed on the lifting column through the following transmission:

2.5.2.) AC motor->timing pulley->1:6 four speeds gear box->worm gear-> driven shaft->pay off drum

2.5.3.) Speed control: synchronize with line speed by use detector loop control device

Name: Floor Type Take-up Stand

1.] Main Specification

1.1.) Model:

MODEL	Drum dia. (mm)	Drum width (mm)	Load (kg)	Speed (MPM)	Cable dia.(mm)
TF-200	1000-2000	600-1600			5-60
TF-225	1100-2250	600-1600			5-70
TF-260	1250-2600	800-1900			10-80
TF-280	1600-2800	1200-1900			10-80

1.2.) Features:

1.2.1.) Type: two poles floor traversing type, drum is hanged by a vertical elastic column each side. Drum traversing on the floor keeps cable straightly haul off. On dual drum continuous take up, the front take up stand can be moved away for the real drum cable passing

1.2.2.) Application: for large cable pay off in the process of cable manufacturing or rewinding

1.3.) Machine composition:

1.3.1.) Take up stand ..... 1 set

1.3.2.) Loop tension control..... 1set (Option)

1.4.) Remarks:

1.4.1.) If the above specification differs from that of the quotation or General Specification, according to the quotation or General Specification.

2.] Detail Specifications:

2.1.) Gate frame:

2.1.1.) Type: two poles gate type, drum is hanged by the elastic frame stand each side. Frame stand is made of strong □ square column

2.1.2.) Machine is traversing on the floor keeps cable straightly haul off

2.1.3.) On dual drum continuous take up, the front take up stand can be moved away for the cable of real drum sending out

2.2.) Drum lifting:

2.2.1.) Up and down of drum driven by 2 sets of motor plus reduction motor through a couple of ball screws in both side of elastic square column

2.2.2.) Lifting operation can be done individual or both at the same time

2.2.3.) Lifting speed: 6mm/sec.

2.3.) Drum clamping device:

2.3.1.) Type: Horizontal elastic column with screw locking, both side of support columns move close or open to lock and release the drum

2.3.2.) Cramping speed: 6mm/sec. (both side)

2.3.3.) Cramping force: can be adjusted by torque limiter for Max. and Min. space of support columns

2.3.4.) Drum support end: 80-125mm with adaptors for small drums

2.3.5.) Driven unit: AC reduction motor through a closing screw and torque limit spring, motor will automatically stop while succeed of drum locking

2.3.6.) Drum adaptors for non-standard drums locking are available by option

2.4.) Drum traversing:

2.4.1.) For wide type pay off stand only, to move away the wide pay off drum to give space for cable passing way of the drum on the 2nd pay off stand

2.4.2.) Also available for drum traversing during pay off of large cables, keeps cable send out straightly

2.4.3.) Moving speed: 4mm/sec.

2.4.4.) Traversing pitch, stroke and reverse revolution are done by Inverter control

2.4.5.) Quick traverse: before starting of next drum, quick remove cable to the starting position. This attachment also available for hand adjust of traversing pitch

2.5.) Drum driven unit:

2.5.1.) Driven system: Driven motor is installed on the lifting column through the following transmission:
Servo motor->timing pulley->1:6 four speeds gear box->worm gear-> driven shaft->take up drum

2.5.2.) Speed synchronization: controlled by detecting accumulator

2.6.) Brake unit:

2.6.1.) Pneumatic disk brake to be used for machine stop, disk flange diameter 500mm attached with two pieces of brakes

2.7.) Safety control device:

2.7.1.) Drum clamping position limit switch control with drum rotating motor circuit interlock

Name: Floor Type Take-up Stand

1.] Main Specification

1.1.) Model:

MODEL	Drum dia. (mm)	Drum width (mm)	Load (kg)	Speed (MPM)	Cable dia.(mm)
TF-360	1800-3600	1400-2100			20-120
TF-400	2000-4000	1600-2400			20-140

1.2.) Features:

1.2.1.) Type: two poles floor traversing type, drum is hanged by a vertical elastic column each side. Drum traversing on the floor keeps cable straightly haul off. On dual drum continuous take up, the front take up stand can be moved away for the real drum cable passing

1.2.2.) Application: for large cable heavy duty take up in the process of PVC/PE cable sheathing, cable armouring or rewinding

1.3.) Machine composition:

1.3.1.) Take up stand .....1 set
1.3.2.) Drum lifting unit .....1 set
1.3.3.) Drum clamping unit .....1 set
1.3.4.) Drum traversing unit.....1 set
1.3.5.) Floor rail way.....1 set
1.3.6.) Loop tension control.....1 set

1.4.) Remarks:

1.4.1.) If the above specification differs from that of the quotation or General Specification, according to the quotation or General Specification.

2.] Detail Specifications:

2.1.) Gate frame:

2.1.1.) Type: two poles gate type, drum is hanged by the elastic frame stand each side. Frame stand is made of strong □ square column

2.1.2.) Machine is traversing on the floor keeps cable straightly haul off

2.1.3.) On dual drum continuous take up, the front take up stand can be moved away for the cable of real drum sending out

2.2.) Drum lifting:

2.2.1.) Up and down of drum driven by 2 sets of motor plus reduction motor through a couple of ball screws in both side of elastic square column

2.2.2.) Lifting operation can be done individual or both at the same time

2.2.3.) Lifting speed: 6mm/sec.

2.3.) Drum clamping device:

2.3.1.) Type: Horizontal elastic column with screw locking, both side of support columns move close or open to lock and release the drum

2.3.2.) Cramping speed: 6mm/sec. (both side)

2.3.3.) Cramping force: can be adjusted by torque limiter for Max. and Min. space of support columns

2.3.4.) Drum support end: 80-150mm with adaptors for small drums

2.3.5.) Driven unit: AC reduction motor through a closing screw and torque limit spring, motor will automatically stop while succeed of drum locking

2.3.6.) Drum adaptors for non-standard drums locking are available by option

2.4.) Drum traversing:

2.4.1.) Drum traversing: drum traversing during take up of finished cables, keeps cable send out straightly

2.4.2.) Traversing pitch, stroke and reverse revolution are done by Inverter control

2.4.3.) Quick traverse:

a.) Before starting of next drum, quick remove cable to the starting position. This attachment also available for hand adjust of traversing pitch

b.) For dual take up stand drum exchange, to move away the 1st take up drum to give space for cable passing way of the drum on the 2nd take up stand

2.5.) Drum driven unit:

2.5.1.) Driven system: driven motor is installed on the lifting column through the following transmission:
Server motor->timing pulley->1:6 four speeds gear box-> worm gear-> driven shaft->take up drum

2.5.2.) Speed synchronization: controlled by detecting loop control

2.6.) Brake unit:

2.6.1.) Pneumatic disk brake to be used for machine stop, disk flange diameter 500mm attached with two pieces of brakes

Name: Floor Type Reversible Cable Rewinding Machine

1.] Main Specification

1.1.) Model:

MODEL	Drum dia. (mm)	Drum width (mm)	Load (kg)	Speed (RPM)	Cable dia.(mm)
WF-200	1000-2000	600-1600		40	5-60
WF-220	1100-2200	600-1600		40	5-80
WF-260	1250-2600	800-1900		30	10-100
WF-280	1600-2800	800-1900		30	10-120

1.2.) Features:

1.2.1.) Type:

a.) Two poles floor traversing type, drum is hanged by a vertical elastic column each side. Drum traversing on the floor keeps cable straightly haul off.

b.) Pay off/take up both complete with motors and mechanical clutch. Pay off/take up alternative operation, machine can be operated either from left to right or from right to left

1.2.2.) Application: Rewinding of cable core form drum to drum with constant line speed operation

1.3.) Machine composition:

1.3.1.) 2600mm reversible pay off stand ..... 1 set
1.3.2.) Cable guide roller stand ..... 1 set
1.3.3.) Wheel type length counter ..... 1 set
1.3.4.) 2600mm reversible take up stand ..... 1 set
1.3.5.) Take up traversing unit..... 1 set
1.3.6.) Electric control panel ..... 1 set

1.4.) Remarks:

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

1.4.2.) If the above specification differs from that of the quotation or sales contract, according to the quotation or sales contract.

2.] Detail specifications:

2.1.) Gate frame:

2.1.1.) Type: two poles gate type, drum is hanged by the elastic frame stand each side. Frame stand is made of strong □ square column

2.1.2.) Machine is traversing on the floor keeps cable straightly haul off. Pay off don't has the traversing function, the cable traversing by manual when operation reversely

2.2.) Drum lifting:

2.2.1.) Up and down of drum driven by 2 sets of motor plus reduction motor through a couple of ball screws in both side of elastic square column

2.2.2.) Lifting operation can be done individual or both at the same time

2.2.3.) Lifting speed: 6mm/sec.

2.3.) Drum clamping device:

2.3.1.) Type: Horizontal elastic column with screw locking, both side of support columns move close or open to lock and release the drum

2.3.2.) Cramping speed: 6mm/sec. (both side)

2.3.3.) Cramping force: can be adjusted by torque limiter for Max. and Min. space of support columns

2.3.4.) Drum support end: 80-125mm with adaptors for small drums

2.3.5.) Driven unit: AC reduction motor through a closing screw and torque limit spring, motor will automatically stop while succeed of drum locking

2.3.6.) Drum adaptors for non-standard drums locking are available by option

2.4.) Drum traversing/moving:

2.4.1.) Also available for drum traversing during pay off of large cables, keeps cable send out straightly

2.4.2.) Moving speed: 4mm/sec.

2.4.3.) Traversing pitch, stroke and reverse revolution are done by Inverter control

2.4.4.) Quick traverse: before starting of next drum, quick remove cable to the starting position. This attachment also available for hand adjust of traversing pitch

2.4.5.) Pay off stand has the quick traverse function, but don't has the cable traversing function, the cable traversing by manual when operation reversely

2.9.) Operation panel:

2.9.1.) Operation plate will be assembly together in a compact operation panel on the lifting column

2.9.2.) Operation: for up/down and open/close of drum, just operate a 4-way directions switch on each side of the stand.

2.9.3.) A select switch is provided for Independent and/or synchronous operation on each side of stand

2.10.) Wheel type length counter:

2.10.1.) Type: Up and down pulley type with upper wheel measuring. Upper wheel free motion with a slide block to touch cable by air cylinder

2.10.2.) Material: Up counter wheel made of medium carbon steel with tungsten carbide spray coating, diameter 159.15mm±0.01mm. Under wheel made of carbon steel with rubber surface

2.10.3.) Counter:

a.) Standard type: Digital type length counter with 5 figures + proximity sensor

b.) Optional type: Digital type length counter with 5 figures + encoder or mechanical length counter

2.10.4.) Measuring accuracy: 2/1000 Max.

2.10.5.) Adjustable guide rollers to be fitted at inlet and outlet position of counter wheel for different diameter cable

2.10.6.) Air cylinder: To be fitted on the up counter wheel for keeping touch cable. Air pressure can be adjusted for proper pressure

2.10.7.) Counter included with pre-setting for length reaches

2.10.8.) Guide roller stand: 80mm U type wheel with stand, installed between the length counter and pay-off/take-up

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