No.50 Lane 573 Ping-Ton Rd., Ping-Chen City, Tao-Yuan County, TAIWAN, R.O.C.
Tel: +886-3-4604789  Fax: +886-3-4604788
E_mail: sales@pan-pioneer.com  Http://www.pan-pioneer.com
Floor Type Take-up / Pay-off Stand [With traversing device]

0.] Model:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Drum dia (mm)</th>
<th>Drum width (mm)</th>
<th>Load (T)</th>
<th>Speed (MPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF-200(M)</td>
<td>1000-2000</td>
<td>600-1600</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>TF-260(M)</td>
<td>1250-2600</td>
<td>800-1900</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>TF-320(M)</td>
<td>2000-3200</td>
<td>800-1900</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>TF-400(M)</td>
<td>2600-4500</td>
<td>1200-1900</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

0.] Features:

0.0.) 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.

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

0.] Machine composition:

0.0.) Take up stand………………………………………………………………………………1set
0.0.) Drum traversing device…………………………………………………………………1set
0.0.) Loop tension control. …………………………………………………………………….1set
0.0.) Operation/control panel …………………………………………………………………1set

0.] Detail specifications:

0.0.) Gate frame:

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

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

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

0.0.) Drum lifting:

0.0. .) 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
Lifting operation can be done individual or both at the same time

Lifting speed: 6mm/sec.

Drum clamping device:

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

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

Cramping force: can be adjusted by torque limiter for safety clamping.

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

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

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

Drum traversing:

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

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

Moving speed: 4mm/sec.

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

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

Drum driven unit:

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

Speed synchronization: controlled by detecting accumulator

Brake unit:

Pneumatic disk brake to be used for machine stop, disk flange diameter 500mm attached with two pcs of brakes

Safety control device:

Drum clamping position limit switch control with drum rotating motor circuit interlock
0.0. ) Drum lifting up and down limit switches with auto stop circuit interlock
0.0. ) All rotating parts have been covered by safety cover Driven motors:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Lift</th>
<th>Clamp</th>
<th>Traverse</th>
<th>Driven</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF-200(M)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TF-260(M)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TF-320(M)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TF-400(M)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

0.0.) Loop tension control:

0.0. ) Application: for take up tension control on the extrusion line of large cable extrusion
0.0. ) Type: AC/DC motor with loop control arm and angle detector, the cable pass through the loop arm. In case of up & down of loop arm, to adjust the take up drum speed automatically

0.0.) Operation panel: Operation plate will be assembly together in a compact operation panel on the lifting column
0.0. ) Operation: for up-down and open-close of drum, just operate a 4-way directions switch on each side of the stand.
0.0. ) A select switch is provided for independent and/or synchronous operation on each side of stand