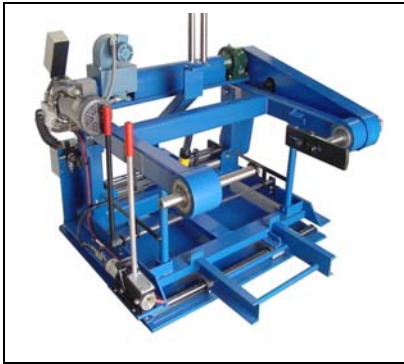


Many wire extrusion or respooling applications require special take-up capabilities. The key application need is to eliminate side-thrust and bending action forces usually found with a normal take-up traverse. These forces adversely affect product as it is being spooled. Products such as flat cable and sensitive electronic cables are more likely to benefit from any improvements at the take-up. A properly designed unit allows the product to traverse while maintaining a straight wire path.



Our Lloyd & Bouvier traversing reel shaftless take-up is designed with pneumatic reel lifting. The 36" unit shown at the left is fabricated new from 2" x 4" steel box tubing. The manual pintles are easily adjustable and allow for various reel widths. The frame is mounted on 1-1/2" diameter steel shafts to traverse on linear bearings. The rolling-ring style 30 mm traverse is fully adjustable for various traverse widths and product diameters. The unit is driven by AC variable speed motors and drives and controlled by a pneumatically loaded catenary arm dancer with reducer for controlling product tension. Other sizes are available to fit various customer requirements.

Existing used equipment can be converted to traversing reel capability. The Davis Electric POS 96" shaftless take-up shown at the right is completely rebuilt and adapted for heavy duty traversing reel requirements. The take-up has electric screw lifting, electric in/out of outboard pintle arm, and is driven by AC variable speed motors and drives. A 4-speed transmission and reducer provide for a wide range of products. The frame is mounted on four sets of dual wheels, and run on low profile tracks. Two sets of wheels on one side of the take-up are motorized and driven by a ball screw traverse to provide the fully adjustable traversing motion. A catenary arm dancer controls product tension and take-up reel speed.



For further information on traversing reel equipment, or to obtain a quotation, please contact: Brian Bouvier, Mike McKee or Eli Lloyd at Lloyd & Bouvier, Inc., 56 Sterling Street, Clinton MA 01510. Call 978-365-5700; Fax: 978-365-9700. See www.lloydbouvier.com for our current inventory.