



## SPR DRIVE DESIGN

The SPR (single precision roller) drive is accomplished by utilizing a single roller mounted to the frame with 2-bolt flange, precision bearings. Rotation is delivered via a B-hub sprocket keyed to the roller shaft. The A-plate sprockets welded to the roller tube deliver rotation to the rest of the rollers through a series of roll-to-roll chain loops. The easily removable and interchangeable single sprocket allows for close to 180 degrees of chain wrap in every configuration and an added dimension of speed flexibility. The innovative sliding drive take-up provides a maintenance friendly method of adjusting the drive chain tension.



**STANDARD DRIVE** [shown with guards removed]

## FEATURES

- One drive roller instead of two
- Horizontal sliding chain tensioning
- Drive sprocket independent from the roller for easy replacement
- Modular design — compatible with all other Omni equipment
- Motor placement can be either side of the conveyor frame
- Many motor/reducer combinations available



**SPR DRIVE** [shown with guards removed]

## BENEFITS

- Equivalent reliability, better precision — no additional cost
- Increased component durability
- Improved sprocket/chain engagement
- Easier to adjust chain tension
- Easier to adjust conveyor speeds

Standard control packages are available ranging from simple on/off switches to modular controls with devices that can be mounted and wired to a conveyor mounted termination point, allowing for easier integration during installation.