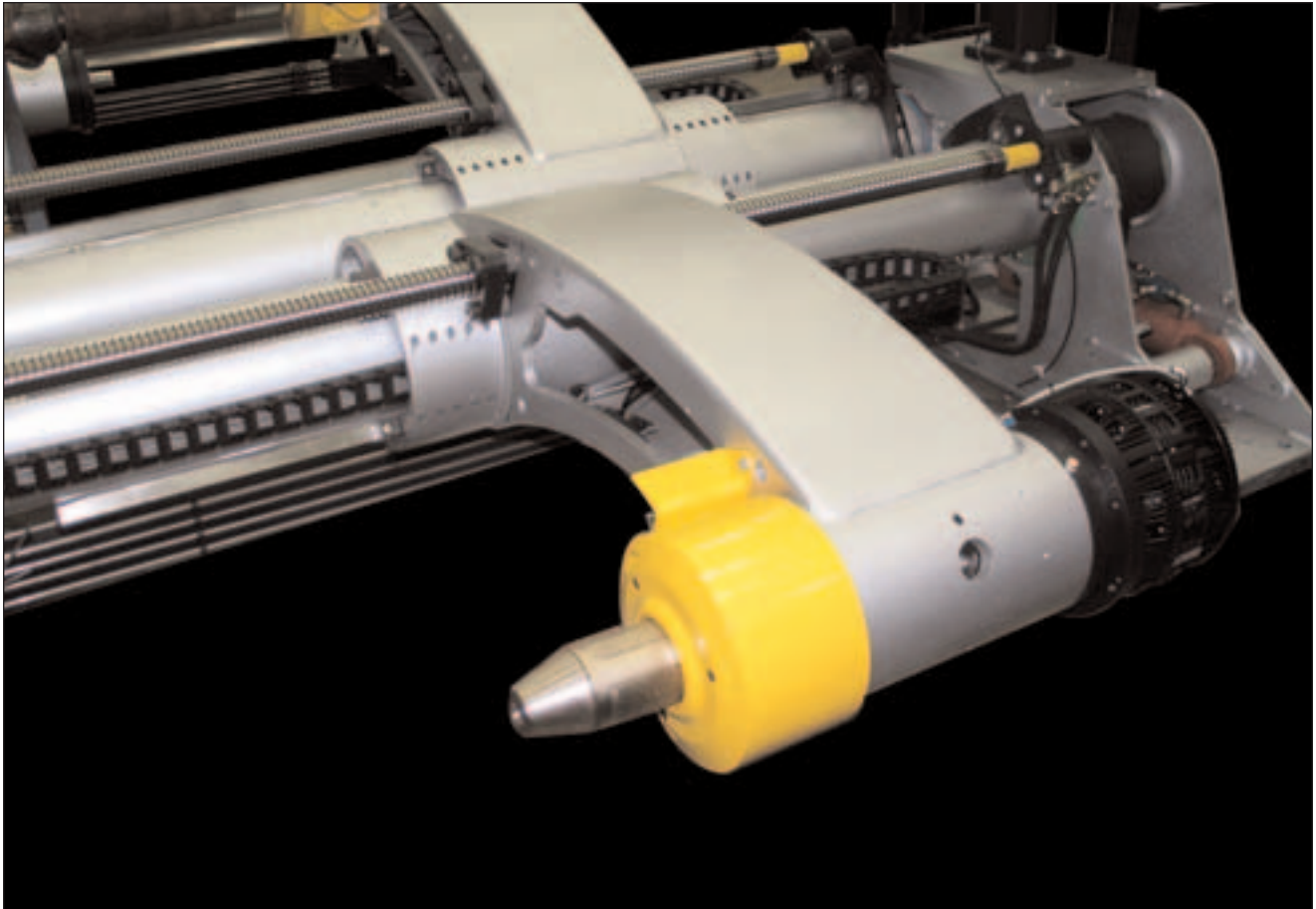


Corrugating Machinery Roll Stand



Features:

- Quick roll loading and unloading allows short wet end orders to be run efficiently.
- PLC controls provide totally automatic operation to allow for quick roll changes.
- Pneumatic disc brakes and high-speed spindles facilitate the efficient running of butt rolls.
- Heavy-duty torque tubes and dual side arm cylinders provide maximum durability for alignment of spindles.
- Expanding chucks allow roll rundown for maximum paper utilization.
- Ability to interface with track provides seamless operation.

Barry-Wehmiller

Corrugating Machinery Roll Stand

Vital for Efficient Wet End Operations

MarquipWardUnited Roll Stands provide the performance and features for more efficient wet end operations. They offer capabilities that will be critical to enhancing future corrugator production. Key trends affecting the industry include:

- **Packaging for performance rather than weight.** The use of performance liners allow for a greater variety of basis weights, thicknesses, and densities.
- **Increased demand for enhanced graphics.** Today's quality graphics often require the use of mottled, clay-coated, and other specialty papers.
- **Larger number of wet end order changes.** Decreasing wet end order length require quick roll changes.
- **Higher corrugator speeds.** Higher roll RPMs along with heavier rolls require more robust roll stands.
- **Wider corrugators.** Increased productivity and more efficient trim is obtained running wider rolls.

All of these trends affect the structural integrity of the roll stands required to run paper rolls on today's corrugators.

Efficient Running of Butt Rolls

Butt rolls can be difficult to run because of the physical size of the Roll Stand spindle and brake. The compact size of the pneumatic brakes that are utilized on MarquipWardUnited Roll Stands minimize the limitation of the butt roll size. The arc subscribed by the roll stand arms allows rolls with diameters as small as 305mm (12") to be loaded.

Marquip WardUnited Low Drag Spindles

The MarquipWardUnited low drag spindles used on the Roll Stands are critical for proper brake control when running butt rolls at today's corrugator speeds. The spindles facilitate precise web tensioning during the entire roll rundown.

ARC 6 Roll Stand

The ARC 6 Roll Stand is the fastest roll stand available. It is capable of loading rolls in less than 40 seconds. This will enhance corrugator production, particularly for high-speed and frequent wet end roll change applications.



The ARC 6 is designed for corrugators that run up to 1000 FPM with maximum roll weight up to 12,000 lbs and for corrugators with frequent roll changes on the wet end. It can be also sold with a high-speed option to allow application on corrugators with speed ratings over 1000 FPM and up to 1500 FPM. This option includes the use of high performance spindles and brakes.

MRC 4 Manual Roll Stand

The MRC 4 Roll Stand is a robust, high-value, long-running unwind solution for applications that do not require automatic roll handling (roll weight limited to 8,000 lbs) but do require the same low maintenance and safety features as the ARC 6 Automatic Roll Stand.

Additional Features:

- RIGID MECHANICAL DESIGN WITH STEEL TORQUE SHAFTS PROVIDE SUPERIOR TORSIONAL CHARACTERISTICS.
- OIL-IMPREGNATED, LOW-FRICTION NYLON BUSHINGS ON PIVOT POINTS AND LINEAR SLIDES ENSURE SMOOTH OPERATION.
- PLC CONTROL (ARC 6 ONLY).
- BALL SCREW DRIVE IS MORE EFFICIENT AND LESS SUSCEPTIBLE TO WEAR THAN A LEADSCREW (ARC 6 ONLY).
- ARMS THAT SLIDE ON PRECISION GROUND KEYS OFFER EXCELLENT DURABILITY AND CORROSION RESISTANCE..

Optional Features:

- VERTICAL BRIDGE SUPPORTS - OPERATOR AND DRIVE SIDE VERTICAL BRIDGE SUPPORTS WITH HORIZONTAL I-BEAM TO SUPPORT BRIDGE FROM ROLL STAND.
- TRACK/TROLLEY SYSTEM.

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