



Product

Mistral Tensioning Brakes

Application

Corrugated Packaging Roll Stands

Highlights

- High heat dissipation
- Simple design of easy installation, maintenance
- Easy replacement for competitive models

In this application for a manufacturer that specializes in corrugated containers, Wichita Clutch Mistral brakes were selected to upgrade existing roll stands on a corrugator line that had previously utilized competitive pneumatic brakes. Coupling the Mistral brakes with an adapter for type 143 roll stands allowed the brakes to be easily mounted to the roll stands in replacement of the old brakes.

The Mistral brakes achieve consistent tension control of unwind rolls in a laminating process. The housing of these brakes provide a built-in guard and constant speed fan for excellent heat dissipation.

Wichita Clutch engineers specifically designed Mistral pneumatic tensioning brakes to meet the needs of the corrugated market by consulting extensively with mill roll stand manufacturers and users. The brakes easily adapt to a variety of roll stands and provide long life in an easy-to-install, easy-to-maintain design.

The compact size of the Mistral facilitates the pickup of small, part reels used in short batch runs. For automatic reel loading machines, Mistral offers optional infrared and speed sensors within the brake.

While they are ideally suited to the needs of this market, the versatile Mistral brakes are finding favor in additional tensioning applications, increasing line speeds from 810 ft./min. or slower to 1,140 ft./min.

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