

Empress™ Series

SEWING HEADS

# FISCHBEIN®

## DESIGNED FOR HIGH PRODUCTION!

The new Empress Series marks Fischbein's much-anticipated entrance into the world of high-production bag-sewing applications. Fast and powerful for smooth performance with low vibration, Model 200 Standard and 201 Tape Sewing Heads are specially designed to meet the demands of high-production. Built for precision and durability, the Empress Series features a linear sewing speed that is fully adjustable up to 108 feet per minute, making these new sewing heads perfect for closing every type of open-mouth bag including paper, woven polypropylene and jute. Both models feature a unique pneumatic needle cooling system.

Regardless of how tough the working environment is, Fischbein's heavy-duty precision components will give you years of dependable performance. Built with traditional Fischbein® craftsmanship, the Model 200 and 201 high-production Sewing Heads feature our patented, pressurized, self-lubricating system. Totally enclosed and completely maintenance free, this exclusive system protects moving parts from dust—ensuring maximum productivity and low maintenance.

Depending on operating speed, both models are adaptable to existing equipment and can be used with either standard two-thread stitch or single-thread stitch. Stitch width can be varied from 2 to 4 stitches per inch. A wide variety of accessories are available including a high-performance mounting pedestal, high-speed power infeed system, a full range of conveyors, bag-top folders, thread and tape break detectors, bag coders and photoelectric controls for system integration.



## Models 200, 201

## PRODUCT FEATURES

- Fast.
- Compact design.
- Variable operating speed.
- Low noise.
- Patented self-lubricating system.
- Quick thread and tape cutting system.
- Pneumatic needle cooler.

## MODEL 200 STANDARD SEW SPECIFICATIONS

Maximum speed of 108 feet per minute.\*  
 Closure type is standard sew.  
 Material thickness maximum 8.0 mm.  
 Stitch width is adjustable from 2-4 per inch (6.5-12.5 mm), standard setting 2 1/2 SPI.  
 Stitch type is single needle, double thread chain stitch, Federal Type 401.  
 Start/Stop by micro-switch or photoelectric switch (not included).  
 Thread cutter is rotary air knife.  
 Air pressure requirements maximum of 50 PSI  
 Air consumption is 10-12 SCFM.  
 Pressurized self-lubricating (recommend Fischbein Synthetic Oil #31080).  
 Net weight is 57 pounds (26 kg), shipping weight is 63 pounds (29 kg).  
 Thread synthetic (12/5) (recommend Fischbein Brand Sewing Thread).

*\*Max. speed calculated at 2 stitches per inch and depends upon product and bag material.*

## MODEL 201 TAPE SEW SPECIFICATIONS

Maximum speed of 108 feet per minute.\*  
 Closure type is tape sew.  
 Crepe tape width for Model 201 ranges from 1 1/4 to 2 1/2 ".  
 Material thickness maximum 8.0 mm.  
 Stitch width is adjustable from 2-4 per inch (6.7-12.5 mm), standard setting 2 1/2 SPI.  
 Stitch type is single needle, double thread, Federal Type 401 or single thread for "easy opening" Federal Type 101.  
 Start/Stop by micro-switch or photoelectric switch (not included).  
 Thread/Tape cutter is scissors style.  
 Air pressure requirement is minimum of 90 PSI.  
 Air consumption is 18-20 SCFM  
 Pressurized self-lubricating (recommend Fischbein Synthetic Oil #31080).  
 Net weight is 62 pounds (28 kg), shipping weight is 65 pounds (30 kg).  
 Thread synthetic (12/5) (recommend Fischbein Brand Sewing Thread).

*\*Max. speed calculated at 2 stitches per inch and depends upon product and bag material.*