

Smart Solutions™

# Empress® Series Sewing Heads Models 200 and 201

- Fast
- Compact design
- Low noise/vibration
- Self-lubricating system
- Quick thread/tape cutting system
- Pneumatic needle cooler

With its Empress Series sewing heads, Fischbein Company has entered the arena of high-production bag-sewing applications. Fast and powerful, the Model 200 Standard Sew and the Model 201 Tape Sew are built for precision, durability and smooth operation.

Both models offer variable speeds, low noise/vibration and a unique pneumatic needle-cooling system. With sewing speed adjustable to 75 linear feet per minute, these Empress Series heads are ideal for sewing every type of open mouth bag including paper, woven polypropylene, and jute.

Even in the toughest working environment, Fischbein's heavy-duty precision components will give years of dependable performance. Built with traditional Fischbein craftsmanship, the Model 200 and 201 sewing heads feature Fischbein's pressurized, self-lubricating system. Fully enclosed and completely maintenance-free, this exclusive system protects moving parts from dust, ensuring maximum productivity.

Depending on operating speed, both models are adaptable to existing equipment and can be used with the standard two-thread stitch or the single-thread stitch. Stitch width can be varied from 2 to 3.5 stitches per inch.

A wide variety of accessories are available for Fischbein's Empress Series sewing heads. Among them are a high-performance mounting pedestal, high-speed power infeed system, full range of conveyors, bag-top folders, thread- and tape-break detectors, bag coders and photoelectric controls for system integration.



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# Empress® Series Sewing Heads

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## Model 200™ Standard Sew Specifications

**MAXIMUM OPERATING SPEED**  
75 linear feet/minute (22.9 meters/minute)

**MATERIAL**  
Maximum thickness 8 mm (0.3 inch)

**SEWING THREAD**  
Fischbein brand polyester sewing thread recommended

**CLOSURE TYPE**  
Standard sew

**OPERATIONAL SPECIFICATIONS**  
Stitch . . . . .Federal type 401, single-needle, double-thread chain stitch  
Stitch range . . . . .2 to 3.5 SPI (50 to 89 mm)  
Stitch width . . . . .Standard 2.5 SPI

**START/STOP**  
Micro-switch or photoelectric switch (not included)

**THREAD CUTTER**  
Rotary air knife

**PNEUMATIC**  
Maximum 50 PSI  
Air consumption 10 to 12 SCFM

**WEIGHT**  
Net weight 57 pounds (26 kg)  
Shipping weight 63 pounds (29 kg)

**LUBRICATION**  
Pressurized self-lubricating; Fischbein Synthetic Oil (#31080) recommended

## Model 201™ Tape Sew Specifications

**MAXIMUM OPERATING SPEED**  
75 linear feet/minute (22.9 meters/minute)

**MATERIAL**  
Maximum thickness 8 mm (0.3 inch)  
Crepe tape 1.25 to 2.5 inches (3.2 to 6.4 cm) wide

**SEWING THREAD**  
Fischbein brand polyester sewing thread recommended

**CLOSURE TYPE**  
Tape sew

**OPERATIONAL SPECIFICATIONS**  
Stitch . . . . .Federal type 401 single-needle double-thread chain stitch or Federal type 101 single-thread  
Stitch range . . . . .2 to 3.5 SPI (50 to 89 mm)  
Stitch width . . . . .Standard 2.5 SPI

**START/STOP**  
Micro-switch or photoelectric switch (not included)

**THREAD/TAPE CUTTER**  
Scissors style

**PNEUMATIC**  
Minimum 90 PSI required  
Air consumption: 18 to 20 SCFM

**WEIGHT**  
Net weight: 62 pounds (28 kg)  
Shipping weight: 65 pounds (29 kg)

**LUBRICATION**  
Pressurized self-lubricating; Fischbein Synthetic Oil (#31080) recommended

## FISCHBEIN® COMPANY

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Represented by: