

Smart Solutions™

## Empress® Series Sewing Heads Models 100 and 101

Compact design  
Low noise/vibration  
Quick thread/tape cutting system  
Patented self-lubricating system

With their compact design and smooth performance, Fischbein's Empress Series sewing heads are the latest in trouble-free bag-sewing technology. The Model 100 Standard Sew and Model 101 Tape Sew heads offer variable speeds and low vibration. With sewing speed adjustable from 35 to 55 feet, these Empress Series sewing heads are ideal for sewing every type of open mouth bag, including paper, woven polypropylene, and jute.

Backed by the famous Fischbein craftsmanship, the Model 100 and Model 101 sewing heads are constructed from heavy-duty metal components for unrivaled durability you can rely on for years to come. Even in the most demanding work environments, Fischbein's patented, pressurized, self-lubricating systems protect moving parts and ensure maximum productivity with low maintenance.

Fischbein's Model 100 and 101 sewing heads integrate easily with your existing equipment. They can be used with the standard two-thread stitch or with a single-thread stitch, and width adjusts 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 various mounting pedestals, power infeed systems, a full range of conveyors, bag-top folders, thread- and tape-break detectors, bag coders, and photoelectric controls for system integration.



# FISCHBEIN

# Empress® Series Sewing Heads

## Model 100™ Standard Sew Specifications

### MAXIMUM OPERATING SPEED

55 linear feet/minute (16.7 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 (5 to 9 cm)

Stitch width . . . . .Standard 2.5 SPI

### START/STOP

Micro-switch or photoelectric switch (not included)

### THREAD CUTTER

Guillotine style

### PNEUMATIC

Maximum 50 PSI

Air consumption 2 to 3 SCFM

### WEIGHT

Net weight: 57 pounds (26 kg)

Shipping weight: 63 pounds (29 kg)

### LUBRICATION

Pressurized self-lubricating; Fischbein brand lubricant recommended

## Model 101™ Tape Sew Specifications

### MAXIMUM OPERATING SPEED

55 linear feet/minute (16.7 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

Stitch range . . . . .2 to 3.5 SPI (5 to 9 cm)

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: 10 to 12 SCFM

### WEIGHT

Net weight: 62 pounds (28 kg)

Shipping weight: 65 pounds (29 kg)

### LUBRICATION

Pressurized self-lubricating; Fischbein brand lubricant recommended

**FISCHBEIN® COMPANY**