

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.



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Empress® Series Sewing Heads

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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
StitchFederal type 401, single-needle, double-thread chain stitch
Stitch range2 to 3.5 SPI (5 to 9 cm)
Stitch widthStandard 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
StitchFederal type 401, single-needle, double-thread chain stitch
Stitch range2 to 3.5 SPI (5 to 9 cm)
Stitch widthStandard 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

151 Walker Road
Statesville, N.C. 28625
704.871.1159
Fax 704.872.3303

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Represented by: