

# FISCHBEIN®

A DURAVANT COMPANY

## SEWING HEADS MODELS 100-101

- **Self-lubrication of moving parts**
- **Exceptional reliability**
- **Low vibration**
- **Easy functioning**



Head 100



Head 100 with oil remote



Head 101 for tape sewing:  
possibility to sew with  
or without crepe paper

### KEY FEATURES

- Completely sealed in oil, avoiding dust and dirt, a filtered self-lubrication system ensures a very long life of the parts, reducing maintenance and costly downtimes, consequently avoiding losses of money
- Compact design and a robust "body"
- Very low weight
- Variable speed, adjustable by pulley for an easy synchronisation with the speed of the infeed and/or of the conveyor
- Adjustable stitch length
- Easy adjustments of thread tension
- Fast thread and tape cutting system

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## SEWING HEADS MODELS 100-101

Model 100 plain sew and Model 101 tape Sewing Heads are state-of-the art innovations in bag closing technology. With an easily adjustable sewing speed from 8 to 23,8m/min for Model 100 (up to 1900 rpm – 21,9m/min for Model 101), the Models 100 and 101 are perfect for sewing every type of open mouth bag including paper, polyethylene, polypropylene, woven polypropylene, jute, cotton, burlap, nett.

Built with the world-famous Fischbein® craftsmanship, the Model 100 and Model 101 Sewing Heads are constructed with heavy-duty metal components for unmatched durability you can rely on for years to come. Even in the most demanding working environments, Fischbein's pressurized, self-lubrication system protects moving parts and ensures maximum productivity with low maintenance.

### MODEL 100 STANDARD SEW SPECIFICATIONS

- Maximum speed: 23,8m/min (up to 1900 rpm)\*
- Closure type is plain sew
- Material thickness: maximum 8mm
- Stitch length is adjustable from 7 to 11,5mm, standard setting: 9mm (optional: model up to 12,5mm)
- Stitch type is single needle, double thread chain stitch, type 401
- Start/stop by micro-switch or photoelectric switch (not included)
- Thread cut by a shear type knife (optional: rotary knife)
- Air consumption: 0,015l/cut with rotary knife or 0,03l/cut with thread pusher
- Pressurized self-lubrication system (recommend Fischbein® lubricant)
- Net weight: 25,5kg (without knife) - 26,5kg (with standard knife)
- Shipping weight: 28,5kg (without knife) – 29,5kg (with standard knife)
- Thread: synthetic (20/4 or cotton/polyester; recommend Fischbein® polyester sewing thread)
- Optional: oil remote
- Optional: plain sew with filler cord

### MODEL 101 TAPE SEW SPECIFICATIONS

- Possibility to sew with/without crepe paper!
- Maximum speed: 21,9m/min (up to 1900 rpm)\*
- Closure type is tape sew
- Crepe tape width for model 101: 60mm
- Material thickness: maximum 8mm
- Stitch length is adjustable from 7 to 11,5mm, standard setting: 9mm
- Stitch type is single needle, double thread, type 401 or single thread for sewing with "easy open" tape, type 101
- Start/stop by photoelectric switch (not included)
- Thread/tape cutter is a scissors style (air operated clipper)
- Air pressure requirement: minimum of 6 bar
- Air consumption: 0,016l/cut
- Pressurized self-lubrication system (recommend Fischbein® lubricant)
- Net weight: 29kg
- Shipping weight: 32kg
- Thread: synthetic (20/4) or cotton/polyester; recommend Fischbein® polyester sewing thread
- Free top above the sewing line: max. 20mm
- Equipped for filler cord

Both Models 100 and 101 Sewing Heads are easily adaptable to your existing equipment.

A wide variety of accessories is available: pedestals, power infeed systems, a full range of conveyors, thread and tape break detectors, taggers, bag kickers and photoelectric controls for system integration.

\* Max. Speed, calculated with a stitch length of 12,5 mm for Model 100 (11,5mm for Model 101), depends upon product and bag material

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