

❖ Thürlings »80B«

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The machine can be fitted with different bag closing systems developed by THÜRLINGS. In special cases two different bag closure systems can be fitted for optional use. The packaging machine “80B” stands out due to a robust closed construction, a large bag format range, simple format changing and a high performance. The maximum capacity is 60 bags per minute and depends on the film quality, film thickness, and sealing capacity, bag length and on the product filling behaviour.

Possible bag sealing systems:

- ★ Cliphead for standard clip (twin wire clipband)
- ★ Cliphead with heat sealing device (plastic clipband with/without metal wire)
- ★ „Hog“ ring cliphead (2,5 mm thick Al wire)
- ★ Twisthead (single wire with plastic/paper covering)
- ★ Heat sealing station (for flat spreaded bags)
- ★ Heat sealing station with cardboard header (card feeder for flat bags)
- ★ Automatic transfer of block bottom bags to Thürlings Closing machine 85B
- ★ Automatic bag transfer to external bag closing unit

Output:

- 60 bags/min.
- 60 bags/min.
- 50 bags/min.
- 50 bags/min.
- 50 bags/min.
- 50 bags/min.
- 50 bags/min.
- 60 bags/min.

Products/Machine application

Thürlings packaging machines are mainly used for packaging loose goods and free flowing products, but also for materials in lumps, and pastelike mediums can be processed. Due to the low filling/fall height the conditions are very good for fragile products or those products giving off dust. Up to three filling positions are available for manual filling, dependent on the bag filling system. All automatic filling systems can be synchronised. Thürlings are able to offer a wide range of auxiliary fittings for problematic products.

Operational and design features

The Thürlings 80B produces various bags from flat film and hands the bags over to a horizontal intermittent rotating table. There the bags are presented for filling. Filling can be carried out manually or fully automated by synchronising with a product dosing system. The filled bags are closed by the integral bag closing system and transferred onto a discharge conveyor belt. The closure of the filled bags depends upon the type of bags and product.

Technical Data

- Bag types: Flat bags, side gusset bags, bags with sealed bottom
- Packaging materials: both side sealable Polypropylene (OPP), laminated materials, 40 - 100 µm
The film should also be antistatic.
- Bag formats: (dependent on bag type)
- Width: 60-160 mm / depth: 40-100 mm / Height butt end bag: 190-320 mm
- Film tear off length: 220-420 mm
- Stack width: 60-160 mm
- Foile width: 215-535 mm (Special measurements on requests)

≥ 15

≤ 160

- Longitudinal seam offset: max. 60 mm
- Roll diameter: max. 600 mm
- Filling weight: max. 500 g, higher on request
- Clip wire: two wires 0,4 to 0,8 mm Ø, plastic or paper covered, band width 8 mm
- Reel diameter clip wire: core diameter 150 mm, outer diameter 350 mm
- Labels/tags: 62-90 mm length, 24-70 mm width (other dimensions on request)
- Reel diameter labels/tags: core diameter 70 mm, outer diameter 400 mm
- Electrics: 230/400 V; 3phase/ 50 Hz; 7,5 kW
- Pneumatics: 6 bar
- Colour: Standard RAL 1013
- Weight: Approx. 2500 kg

