

Thürlings »80 B with 85 B«

Beutel- Herstell-, Öffne- und
Schließmaschine 80B mit
Verschließmaschine 85B

Bag making opening and
closing machine 80B with
bag closing machine 85B

ensacheuse 80B
avec machine à
fermer 85B



Thürlings »80B«

The bag manufacturing and closing machine “Thürlings 80B” produces various bags from flat film: flat bags, bags with side gusset and sealed bags with butt end. 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.

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

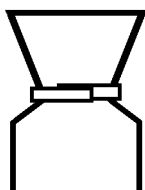
The Thürlings 80B produces various bags from flat film and hands the bags over to a horizontal intermittent rotating table. There the bags are presented for filling. Filling can be carried out manually or fully automated by synchronising with a product dosing system. The filled bags are closed by the 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.

Possible bag closing 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:

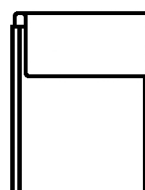
- 60 bags/min.
- 60 bags/min.
- 50 bags/min.
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- 50 bags/min.
- 60 bags/min.



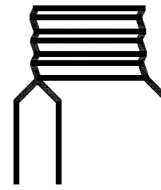
clip



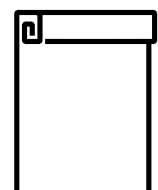
twist



header



sealing



double fold top

Technical Data

Bag types:

Flat bags, side gusset bags, bags with sealed bottom

Packaging materials:

both side sealable Polypropylene (OPP), laminated materials, 40 - 100 μ m
The film should also be antistatic

Bag formats: (dependent on bag type)

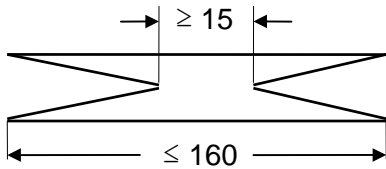
Width: 60 - 160 mm / depth: 40 - 100mm / Height butt end bag: 190 - 320mm

Film tear off length: 220 – 420 mm

Stack width: 60 – 160 mm

Foile width: 215 – 535 mm

Special measurements on requests



Longitudinal seam offset: maximum 60 mm

Roll diameter: maximum 600 mm

Filling weight: Max. 500 g, higher on request

Electrics: 230/400 V; 3phase/ 50 Hz; 7,5 kW

Pneumatics: 6 bar

Colour: Standard RAL 1013

Weight: Approx. 2500 kg

Thürlings » Sealing machine 85B«

Thürlings Sealing Machine 85B seams bags with side gusset by inserting the side gusset and subsequently sealing. This sealing can be carried out as a final end closure or merely in preparation for further types of closures. The Thürlings 85B is an independent machine. The filled bag is fed directly either by a Thürlings rotary machine or in a special manual designs.

The machine is characterised by its robust and enclosed construction, large bag format area, quick and easy format setting and high capacity. This makes it suitable for general use in virtually all production areas.

Operating and construction fea

The filled bag is fed in the individual closing directions in an intermittent running chain ba a Thürlings rotary machine. The insertion of the side gusset into the top of the bag is effected by six fingers, four fingers entering the bag and two finger create the side gusset from outside. This station can also seal the bag or alternatively a roll-wrap seal can be effected at the next station to finally seal the bag.

There is also the possibility of having the station shake the bag once between transfer and the creation of the side gusset or for the bag to be compressed by a stamper.

Hand wheels can be used as a user-friendly method of setting the three levels of the bag (height, as well as width and side gusset depth). The hand wheels are furnished with scales to enable another bag format to be set and the dimensions to be easily reproduced by the operating personnel. The setting of the sealing devices is performed in the same way.

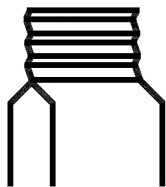
Possible bag sealing systems:

- Introduction of the side gusset followed by sealing
- Introduction of the side gusset followed by roll-wrap seal

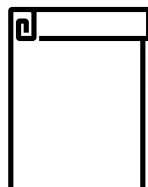
Capacity up to max. :

55 bags/min

50 bags/min



sealing



roll-wrap seal

Technical Specifications

Types of bag:

Prefabricated block bottom / brick bag, bottom bag with side gusset

Material preconditions:

Sealable on both sides OPP foil, laminate or facon-coated paper, 50-100 μm

Bag formats:

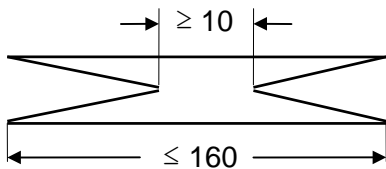
For sealed closure:

Width: 60-160mm / depth: 40-100mm / height: 190-320mm

For roll-wrap sealing:

Width: 60-160mm / depth: 40-70mm / height: 190-320mm

Special dimensions on request



Power: 230/400 V; 3phase/ 50 Hz; 3.8 kW

Pneum. connections: 6 bar

Paint finish: Standard RAL 1013

Weight: approx. 1200 kg

