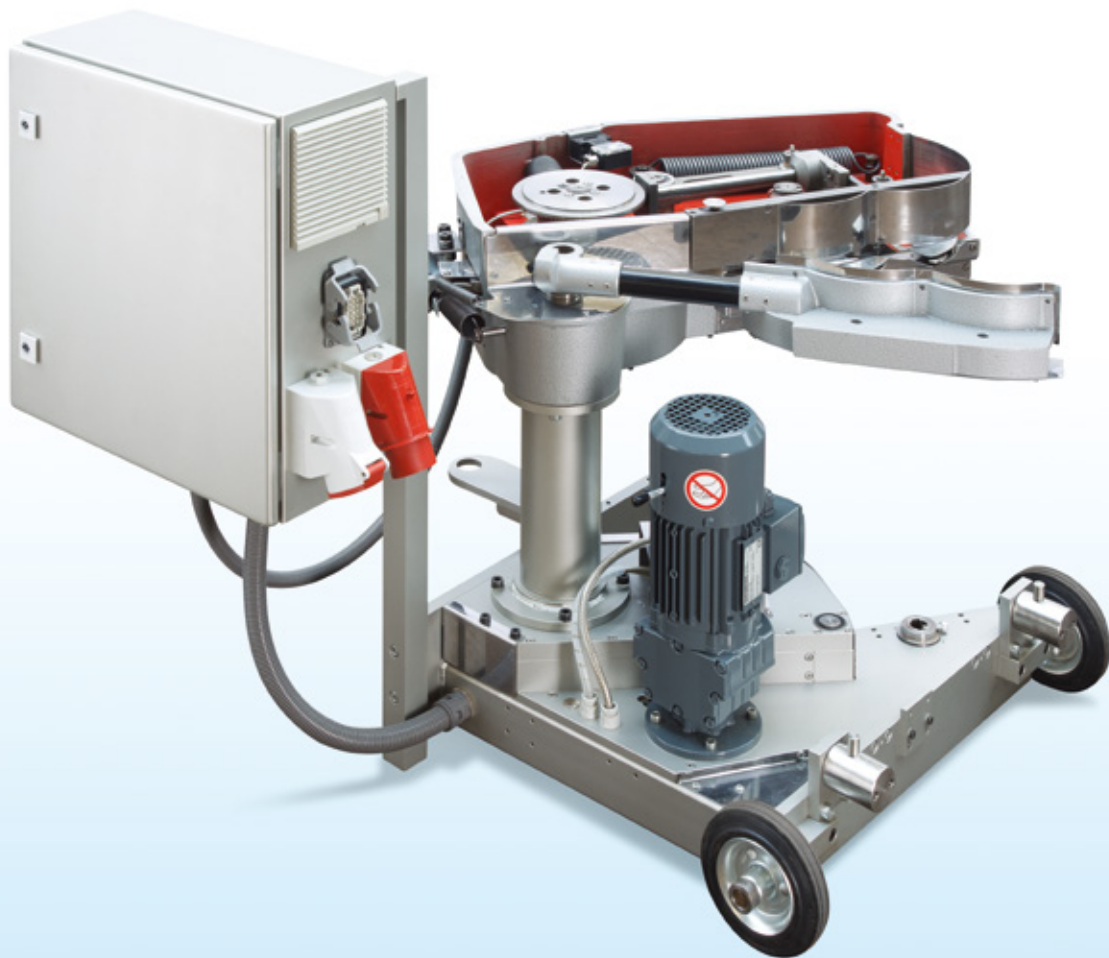# Thürlings »Clipper 70B«

Model CLIPPER 70B is an automatic bag closing unit which applies a clip or twist closure to automatic or manual fed bag.

Model CLIPPER 70B is an automatic bag closing unit which applies a clip or twist closure to automatic or manual fed bag.

The clip is cut from reel fed stock, and can be date – coded. With an optional accessory it is possible to feed and secure a label under the clip closure.

Operation

Automatic combination with Form/Fill/Seal Machines

The unit is synchronised from the FFS Machine by means of a cam switch. The bags, released by the FFS Machine, drop into a pneumatic closed chamber; the start impulse from the bagging machine causes the chamber to pivot 180° so as ensure that the clip end overlap is at the rear of the bag where the vertical seam is located. The Clipper applies the clip closure and with its hinge movement pulls the bag from the chamber for discharge. Whilst de clipping movement takes place, the chamber returns to its start position, ready for the next bag. The low design makes it possible to position the CLIPPER 70B below the sealing jaws of the FFS Machines. A conveyor can transport the closed bags to table height.

Possible bag closing systems:	Output:
★ Cliphead for standard clip (twin wire clipband)	60 bags/min.
★ Cliphead with heat sealing device (plastic clipband with/without metal wire)	60 bags/min.
★ Twisthead (single wire with plastic/paper covering)	50 bags/min.

Manual fed bags

This unit incorporates two different levels. Manual loaded bags drop on the upper flap and initiate the clipping sequence for the previous bag located on the lower level base. Whilst this earlier bag is being clipped, the next bag drops to the lower level in the chute, ready for the next clipping start signal.

Possible bag closing systems:	Output:
★ Cliphead for standard clip (twin wire clipband)	45 bags/min.
★ Cliphead with heat sealing device (plastic clipband with/without metal wire)	45 bags/min.
★ Twisthead (single wire with plastic/paper covering)	45 bags/min.

Technical Data

Bag types:	flat, cross and block bottom, gussetted bags
Bag materials:	paper, cellophane, polyethylene, polypropylene
Bag sizes:	up to 250 mm bag width, up to 300 mm bag length (bottom of bag to center of clip), longer bags on request
Clip wire:	two wires Ø 0,4 to 0,8 mm, 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
Twist wire:	one wire Ø 0,4 to 0,6 mm, plastic or paper covered, band width 3-5 mm
Reel diameter twist wire:	core diameter 28 mm, outer diameter 210 mm
Electrics:	230/400 V; 1,0 kW; 3 phase 50 Hz
Colour:	silver-grey
Weight:	320 kg