

Hugo Beck Flexo 500S Shrink-Wrapping System: Show Demonstrator

Technical Information

Model:	FLEXO 500 S - US Version + SL 5015/23 S-e
For Packaging:	Various products
Dimensions:	width: 2" – 17" Length: 3" endless Height: Up to 7"
Packing material:	PE: 1,25 – 2,25 mil Polyolefin: 60 – 75 gauge Centrefold
Product In-feeding:	manually onto a flighted conveyor
Capacity:	up to 80 packs per minute, dependant upon in-feeding situation, product measurement and film characteristics.

Our **solution** for packaging various products in film is as follows:

1. In-feeding: **Item 1.1**

Product in-feeding by separate **finger chain conveyor**, regular driven, incl. side guides.

Usable length of chain:	2,000 mm
Working height:	850 +/- 50 mm
Total length of chain:	2,400 mm
Table width:	approx. 400 mm

2. Packaging machine: **Item 2.1**

Hugo Beck Horizontal Form, fill, and seal automatic for complete packaging in film, with intermittent operation.

FLEXO 500 S

This robust and universal film packaging machine is manufactured and assembled by using the most modern and newest technologies according to the CE-regulations.

Flexo 500 S Technical Data:

Passing width:	25-450 mm
Passing height:	Max.200 mm
Length of product:	Min. 80 mm, max. Not limited.
Width of film roll:	Max. 550 mm, centre folded film, reel diam.350mm
Film trim strip:	Max. 100 mm width
Mains connection:	220 Volt, 3 Ph, GND, 60 Hz
Standard version	With marking of leads for identification
Control:	Type Rockwell/Allen Bradley Electro
construction:	According to VDE regulations Current
supply:	3 KVA
Working height:	Adjustable from 800 – 900 mm
Operation side:	On passing direction right
Colour:	Hugo Beck Standard
Dims of machine:	Approx. 2,140 mm L x 1,450 mm W
Panel instruction:	English

Flexo 500 S Machine equipment and features:

- Robust and strong steel construction with compact design
- Ergonomically arranged operation panel
- PLC-control unit incl. Touchscreen for easy operating with symbols, product parameter memory.
- Starting impulse by photocell (vertical and horizontal, switchable)
- Speed of the infeed/outfeed belt adjustable by operating panel
- Film roll bracket lateral with end control and power driven film forwarding rods
- Film perforation device
- Film dispensing by film shaft
- Film trim winding device, film trim max. width 100mm, including frequency transformer for soft start and cut control
- Transverse welding with permanently heated welding element, maintenance-free
- Longitudinal welding unit for continuous side sealing, electro-mechanical operation, permanently heated, maintenance-free
- Simple adjustment for robust side seams (**new principle – registered design**)
- Central adjustment in size (width and height) by 2 cranks, scaled print register control
- Automatic height, width and film roll adjustment as per the product measurements
- Including transformer for 480 Volt supply

3. Shrink Tunnel: Item 3.1

1 HUGO BECK SHRINK TUNNEL, type SL 5015/23

This **Hugo Beck** shrink tunnel has been designed and manufactured for achieving an optimum result in shrinking, not depending on product or dimensions of the product.

Design, technical aspects, and production according to the CE-regulations.

Shrink Tunnel Technical Data:

Width of passage:	500mm
Height of passage:	230mm
Length of tunnel hood:	1,500mm
Working height:	adjustable from 820 - 900mm
Max. temperature:	250°C
Voltage:	230V/3Ph, N, PE, 50/60 Hz, incl. marking of leads.
Heating power:	max. 19 kW
Colour:	Hugo Beck Standard
Panel instruction:	English
Operation panel:	in passing direction on right

Shrink Tunnel machine consisting of:

- Frame and covering parts painted, moveable and with safety rolls to lock
- Tunnel hood extremely insulated with double curtain
- Air blowing system and central heating at the bottom, adjustable
- Air blowing system on the top
- Temperature adjustable by thermostat
- Conveyor belt: rod-chain conveyor with self-tensioning chain and heat resisting cover as well as rotating chain rods to be switched on or off.
- Diameter of rod: 10 mm and Axle spacing: 1"