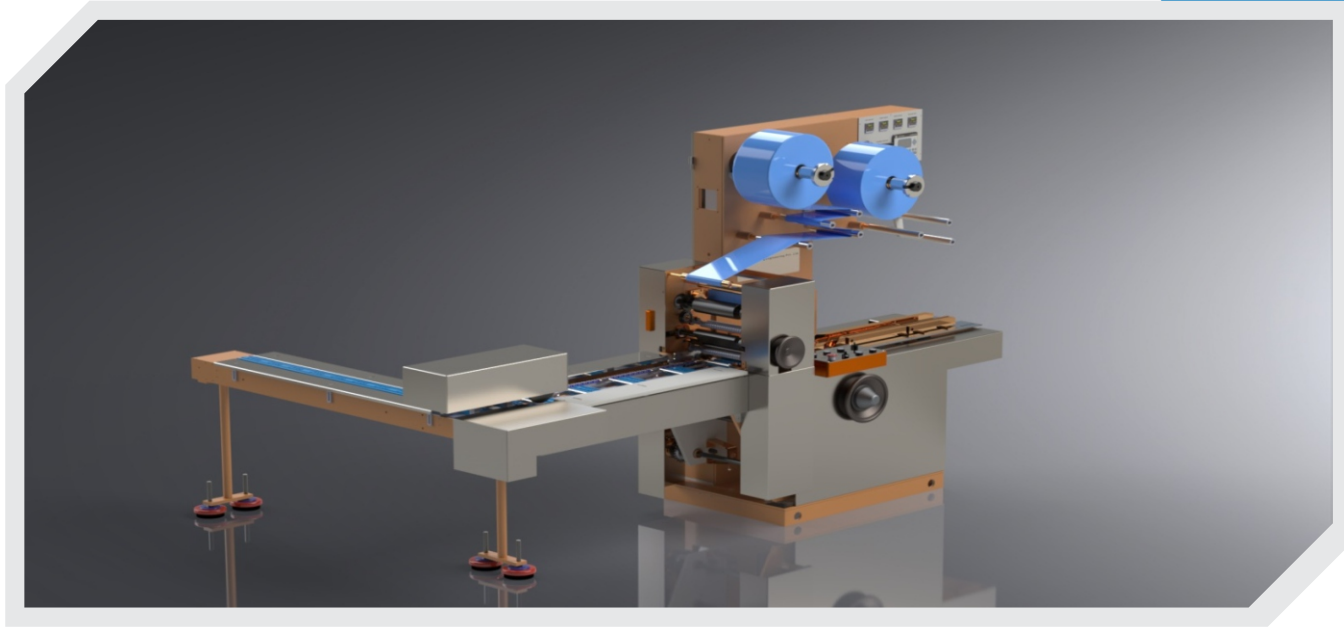


SWIFT - VX

DETERGENT/LAUNDRY SOAP WRAPPING MACHINE



Soap Wrapping Machine has been designed to pack detergent cakes in single wrap of wrapping paper. It has been designed to handle heat sealable films, laminates and Polly coated wrapping material. The machine is built from high precision components having the desired metallurgical and heat treatment characteristics, resulting in lower wear and tear, long life and less maintenance.

The final result is a design of a robust, highly reliable, low maintenance, operator friendly machine having a high productivity and efficiency with negligible rejections.

WORKING PRINCIPLE

The soap cakes are fed onto a continuous motion Infeed Conveyor. The Infeed Pushers take the soap cakes to the wrapping feed station. With the help of pulling rollers, the reel fed wrapper is positioned between the cake and tumbler box. The wrapper is cut to the required length as the Infeed Pushers push the soap along with the cutter wrapper into the tumbler box. Spring-loaded end blocks retain the product in position. The tumbler box then indexes by 180 degrees, resulting in top folding. The next incoming cake pushes the previous packed cake forward which is further pushed into the sealing zone. In sealing zone, Top heaters do the long seam sealing and the delivery Pushers carry the packet forward. The end folds of the packet are completed by the plough folders and sealed by side heaters before being conveyed to the discharge chute/conveyor.

FEATURES

1. High productivity
2. Double bobbin to save reel change over time
3. Height adjustable discharge conveyor
4. Digital temperature controllers for all heater
5. No-product-no-wrapper provided through photocell.
6. VFD speed control
7. Provided hand wheel for fine setting
8. Hand Operated Centralised Lubrication System
9. PLC / Servo system for wrapper cut length.
10. Web Break Interlock
11. Easy Soap Size Changeover
12. Easy Link ability and Low maintenance cost

TECHNICAL SPECIFICATION

Model Swift –VX

Product Range

Length : 60-140 mm (± 1 mm)
 Width : 50-62 mm (± 1 mm)
 Height : 12-40 mm (± 1 mm)

Wrapper

Max Dia. : 500 mm
 Core Dia. : 76 mm
 Material : Paper/Poly/Hot Melt
 Lamination

Maximum Speed

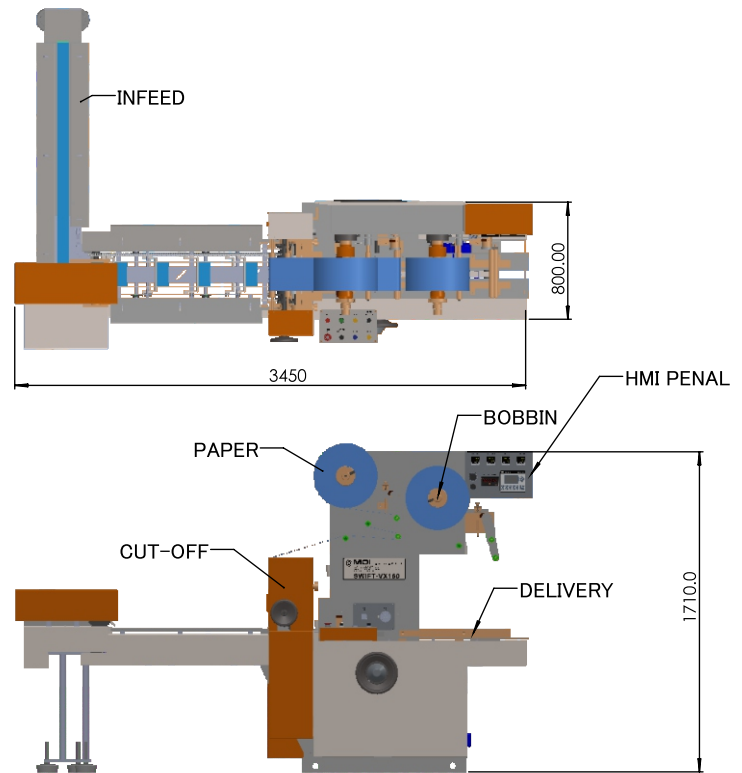
Upto 170 cake/minute

Electrical

Supply input : 415, 3 Phase, 50 Hz.
 Installed power : 3 kW
 Motor : 2 HP

Dimension

Length : 3450 mm
 Width : 800 mm
 Height : 1710 mm
 Weight : 700 kgs



The information contained herein is intended to convey a fair and reasonable idea of equipment. The specifications are subject to change as a result of research and development and/or specific customer requirement without, however, detracting from performance in anyway.