

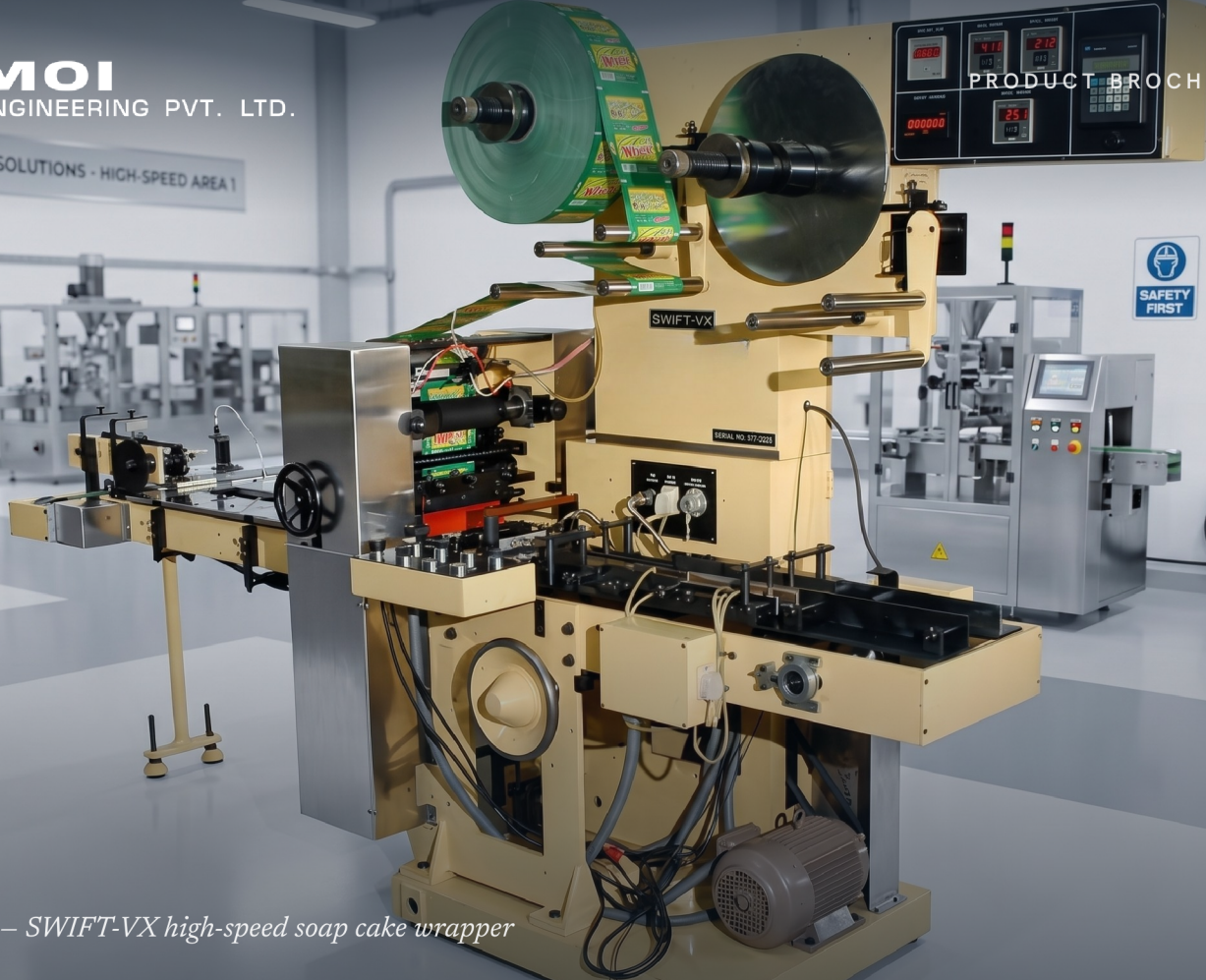


Fig. 01 – SWIFT-VX high-speed soap cake wrapper

SOAP & DETERGENT · SOAP WRAPPING MACHINE

SWIFT-VX Detergent Soap Cake Wrapping Machine

170 Cakes / Minute · Nearly Triple a Conventional Line

Nearly triple the throughput from a single 700 kg machine – wrapping detergent cakes and laundry bars in paper, poly or hot-melt lamination at 170 a minute.

Soap cakes feed on a continuous-motion conveyor and overhead pushers drive each bar into a folding turret — tripling wrapped output without tripling floor space, operators or energy.

Running on just 3 kW with a 2 HP motor, and a 500 mm reel capacity that keeps the line running longer between material loads — output that outpaces competitors, not your budget.

EST. 1960

ISO 9001:2015

50+ COUNTRIES

1,000+ INSTALLATIONS

170

CAKES / MIN

60–140

MM CAKE LENGTH

3 kW

INSTALLED POWER

700

KG MACHINE WEIGHT

THE PROCESS

Feed · Cut · Fold · Index · Seal

From loose cake to a sealed wrap

Pusher-fed cakes and a reel-fed wrapper meet in a rotating turret that folds and heat-seals the film — one continuous, high-speed loop.

01	Feed	Soap cakes ride a continuous-motion conveyor while full-face overhead pushers move each bar to the wrapping station.
02	Cut Wrapper	Reel-fed wrapper — heat-sealable BOPP or laminate, often with an inner stiffener — is positioned and cut to length.
03	Fold	Pushers drive the cake and cut wrapper into the turret, folding the film neatly around the bar.
04	Index	The turret indexes to complete the top and end folds while spring-loaded blocks hold the cake firmly in place.
05	Seal	Roller sets form the long seal, the end folds are heat-sealed, and the finished bar is discharged for cartoning.

ENGINEERED FOR PRECISION

Nearly triple the output

170 cakes a minute against a conventional 60/min line — transforming your production economics from one footprint.

500 mm reel capacity

A large reel diameter cuts changeovers and keeps the line running longer between material loads.

Material flexibility

Handles paper, poly or hot-melt lamination across cakes from 60–140 mm long and 12–40 mm high.

Lean footprint & power

Just 700 kg on a 3,450 × 800 mm base, running on 3 kW / 2 HP — industry-leading output per watt.

GOOD TO KNOW

What it wraps

Robust rectangular detergent and laundry cakes — 60–140 mm long, 50–62 mm wide, 12–40 mm high — that tolerate firm folding.

Built for the bar

Purpose-built for pusher-fed laundry and detergent bars — distinct from the gentler handling premium toilet soaps require.

1960

Soap-bar wrapping is a dedicated machinery category. The SWIFT-VX is built for robust rectangular laundry and detergent cakes — pusher-fed and tolerant of firm folding — engineered and supported by MOI since 1960.

SPECIFICATIONS

SWIFT-VX

Technical Specifications

PERFORMANCE

 Output capacity **Up to 170 cakes/min**

 Wrapper materials **Paper, poly, hot-melt lam.**

 Max reel diameter **500 mm**

 Core diameter **76 mm**

PRODUCT FORMAT

 Product length **60 – 140 mm**

 Product width **50 – 62 mm**

 Product height **12 – 40 mm**

BUILD & UTILITIES

 Application **Detergent & laundry cakes**

 Power supply **415 V, 3-Phase, 50 Hz**

 Installed power **3 kW**

 Motor **2 HP**

 Dimensions (L×W×H) **3450 × 800 × 1710 mm**

 Weight **700 kg**

WHY MANUFACTURERS CHOOSE IT

— 170 cakes a minute — nearly triple a 60/min line

— 500 mm reel capacity, fewer changeovers

— Paper, poly or hot-melt lamination flexibility

— Just 700 kg and 3 kW — output per watt that leads

DELIVERY & SUPPORT

Installation & commissioning

On-site set-up and start-up by MOI engineers.

Operator training

Hands-on training for operators and maintenance teams.

Spares & service

Genuine spare parts and ongoing maintenance support.

APPLICATIONS

Detergent cake wrapping · Laundry soap packaging · Bar soap wrapping lines — high-speed wrapping for the soap & detergent industry, feeding cartoning and bundling downstream.