



Fig. 01 – SWIFT-TT twin-track soap wrapping machine

SOAP & DETERGENT · SOAP WRAPPING MACHINE

SWIFT-TT High-Output Soap Wrapping Machine

Swift Twin Track · Slow-Speed, High-Production Wrapping

The high-output wrapper built on a slow-speed, high-production concept — folding toilet and laundry soap bars in paper, poly or laminated film at 240 to 300 a minute.

Soap bars are fed automatically through a Divider Unit, folded and sealed in a continuous cycle — a robust, user-friendly machine engineered for continuous detergent-soap production.

PLC-based control with HMI, infinitely variable AC-drive speed control and two-way automatic print registration keep every wrap accurate, with reduced changeover time.

EST. 1960

ISO 9001:2015

50+ COUNTRIES

1,000+ INSTALLATIONS

240–300

SOAPS / MIN

60–115

MM BAR LENGTH

50–65

MM BAR WIDTH

Twin

TRACK CONCEPT

THE PROCESS

Divide · Register · Fold · Seal · Deliver

From loose bar to a finished wrap

Unwrapped soap bars are divided into twin tracks, wrapped in paper, poly or laminated film and sealed — one continuous, automatic loop.

01	Divide Infeed	Soap bars are fed automatically and split by the Divider Unit into two parallel wrapping tracks.
02	Register Film	Two-way automatic print registration aligns the pre-printed wrapper so branding lands square on every bar.
03	Fold Wrap	Paper, poly or laminated film is folded neatly around the bar, tucking the ends for a tight, clean pack.
04	Seal	The folds are sealed to lock the wrapper in place, giving a stable, retail-ready finish on each soap.
05	Deliver	Wrapped soaps are discharged in order, ready for cartoning, bundling or direct distribution.

ENGINEERED FOR PRECISION

PLC control with HMI

A PLC-based system with Human Machine Interface makes set-up, monitoring and changeover simple and repeatable.

Infinitely variable AC drive

Speed is tuned steplessly from 240 to 300 soaps a minute to match upstream and downstream flow.

Two-way print registration

Automatic registration in both directions keeps pre-printed branding accurately positioned at full speed.

Divider-unit auto infeed

Integrated automatic infeed through a Divider Unit with reduced changeover keeps the line productive.

GOOD TO KNOW

What it wraps

Toilet and laundry soap bars — rectangular cakes from 60–115 mm long, wrapped in paper, poly or laminated film.

Slow-speed, high output

A slow-speed, high-production concept: gentle handling of the bar with 240–300 wraps a minute and long service life.

1960

SWIFT-TT — “Swift Twin Track” — carries MOI’s slow-speed, high-production wrapping philosophy: robust, user-friendly machines built from high-precision components, engineered and supported by MOI since 1960.

SPECIFICATIONS

SWIFT-TT

Technical Specifications

PERFORMANCE

 Output capacity **240 – 300 soaps/min**

 Operating concept **Slow-speed, high output**

 Wrapping tracks **Twin track**

 Wrapping material **Paper, poly or laminated film**

PRODUCT FORMAT

 Product length **60 – 115 mm**

 Product width **50 – 65 mm**

 Product thickness **13.5 – 33.5 mm**

BUILD & UTILITIES

 Application **Toilet & laundry soap**

 Control **PLC + HMI**

 Speed control **Variable AC drive**

 Print registration **Two-way automatic**

 Power supply **415 V, 50 Hz, 3-Ph & N**

 Compressed air **2.5 l/min at 4 – 5 bar**

 Dimensions (L×W×H) **3450 × 1200 × 1800 mm**

WHY MANUFACTURERS CHOOSE IT

- 240-300 wrapped soaps a minute, continuously
- Automatic Divider-Unit infeed, reduced changeover
- Accurate branding via two-way print registration
- Robust, user-friendly build from precision components

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

Toilet soap wrapping · Laundry soap wrapping · Soap bar packaging — high-output wrapping for the soap & detergent industry, feeding cartoning and bundling downstream.