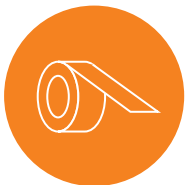


# L-Series

Make every roll a signature



FLEXOGRAPHIC PRINTING MACHINES

100%  
MADE in ITALY

# L-SERIES Flexographic printing machine



Since 1971, Siat has been a global pioneer in Flexographic Printing Machines, setting market standards for speed, precision, and control in packaging tape printing.

Compact, versatile, and easy to use, Siat Flexo machines enable fast, high-quality branded packaging without outsourcing delays.

They print up to 4 colors on various materials — PVC, BOPP, Paper, Water-Activated Paper Tape, and even non-adhesive substrates — ensuring consistent color, high uptime, and minimal waste.

Designed for efficiency, they offer quick setup, easy operation, and low training needs.

The range includes **semi-automatic and automatic models** with modular technologies, adaptable to both direct and multi-step printing workflows.

## BUSINESS BENEFITS

- » **BOOST MARGINS** Bring branded tape production in-house and reduce outsourcing costs while enhancing your packaging offer.
- » **SPEED UP DELIVERY** Respond instantly to custom orders, seasonal promos, or urgent branding needs.
- » **CONTROL THE PROCESS** Eliminate outsourcing dependencies and keep production in-house.
- » **STAND OUT** Help your customers reinforce their brand with every package they ship.

## Why Choose a SIAT Flexo Printing Machine?

- In-house printing → shorter lead times, less outsourcing
- Low capital investment, fast ROI
- Produce premium branded tapes on-demand (seasonal, promos, short runs)
- No minimum order quantities (MOQs), no delays, no quality compromises

## MAIN FEATURES

- » Up to 4-color flexo printing for vivid, high-res graphics
- » Precise registration for consistent results
- » User-friendly, fast changeovers, short setup (ideal for medium-volume jobs)
- » Optional modules: corona treatment, release & primer coatings
- » Handles various tapes: plastic, paper, water-activated, non-adhesive
- » Max print width: 300 mm; tape sizes from 19 mm
- » Safety: exhaust suction system Compact, ergonomic design, minimal training needed
- » Durable steel construction with precise roll-to-roll handling
- » Range: semi-auto electromechanical to fully automatic PLC machines with auto core loading

### Starting material: Input

- Ø Unwinding Inner core: **50mm**
- Ø Max diameter: **400mm**
- ↕ Max width: **300mm**



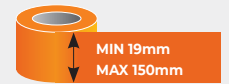
### Printing process

- Number of colors: up to **max 4**
- Print width: max **300mm**
- Print length: from **150mm to 500mm**



### Final material: Output

- Ø Rewinding Inner core: **50mm & 75mm**
- Ø Max diameter: **400mm**
- Slitting & rewinding width: from **19mm to 300mm**



## FLEXO PRINTING PROCESSES

Depending on the material to be processed and printed, different printing processes may be required, as specific treatments can be necessary before and after ink application.

### THE MAIN PRINTING PROCESSES ARE:



**Universal:** 3 steps

Suitable for: untreated BOPP (both solvent-based natural rubber or synthetic hotmelt rubber adhesives).



**Special:** 2 steps

Suitable for: low-noise and no-noise adhesive tapes with BOPP backing and water-based acrylic adhesive.



**Simplified:** 1 step

Suitable for adhesive tapes with "easy printable" pre-treated BOPP, PVC, and paper backings (with solvent-based natural rubber or hotmelt synthetic rubber adhesive). Also used for printing on non-adhesive products.



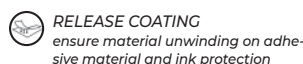
**PRIMER COATING**  
ensure proper ink adhesion



**CORONA TREATMENT**  
ensure proper ink adhesion



**INK PRINTING**  
Up to 4 colors



**RELEASE COATING**  
ensure material unwinding on adhesive material and ink protection

### WHAT CAN YOU PRINT?



**BOPP TAPE**



**PVC TAPE**



**PAPER TAPE**



**PE TAPE**



**WATER ACTIVATED TAPE**



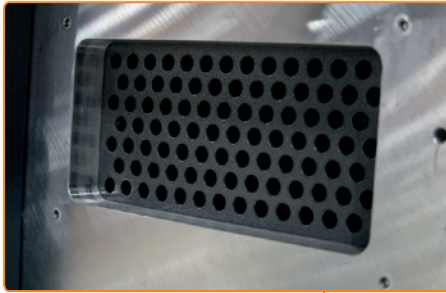
**NON ADHESIVE MATERIAL\***

\* Reach out to SIAT for guidance on how to best process your material and meet all technical requirements.

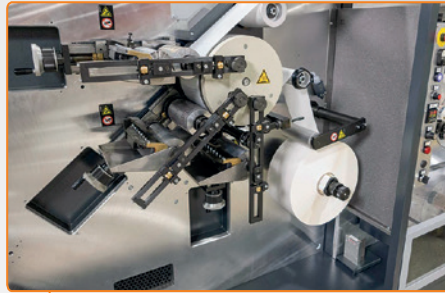
# L-SERIES Flexographic printing machine



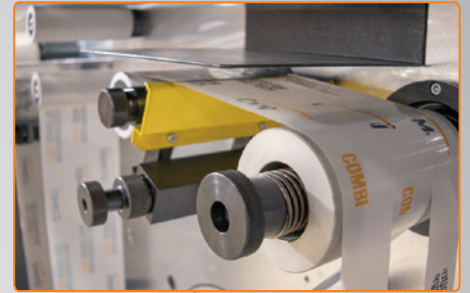
Exhaust suction system.



Precise and quick adjustments to set up to 4 colors printing



Precise material slitting with razor blades or pressure knives



The photo is for illustrative purposes only (model shown L36)



Analogue or Digital HMI

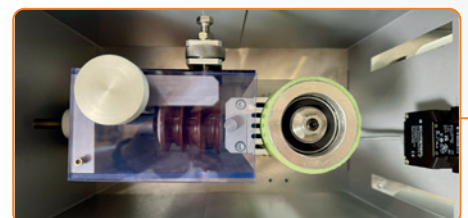
Dedicated Drying Sections for each station



Primer and Release coating stations for non-pre-treated materials



Enclosed Corona Treatment Station



		L33	L33 TC	L36	L36 TC	L46	L46 TC	L444	L444 TC	L333	L333 TC
Type	Automatic loading/unloading reels and tape cutting	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗
	Manual loading/unloading reels and tape cutting	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
HMI	Touch Screen - PLC	✗	✗	○	○	○	○	✓	✓	○	○
	Electromechanical	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
Remote Assistance	SIAT Remote Assistance	✗	✗	○	○	○	○	○	○	○	○
Colors	Print 4 colors	✗	✗	✗	✗	✓	✓	✓	✓	✗	✗
	Print 3 colors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Print 2 colors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Print 1 color	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Input Tape Reel Width	150mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Printable Tape Type	PVC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BOPP Hot Melt	✓	✓	✓	✓	✓	✓	✓	✓	○	○
	BOPP Acrylic	✗	✓	✗	✓	✗	✓	✗	✓	✗	✓
	BOPP Solvent	✗	✗	✓	✓	✓	✓	✗	✗	○	○
	BOPP Easy Print	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
	Paper Masking Tape	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	WAT Paper Tape	✓	✓	✓	✓	✓	✓	✗	✗	○	○
	Not Adhesive Material	○	○	○	○	○	○	✗	✗	○	○
Printing Process	1 Step (Ink only)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2 Steps (Corona + Ink)	✗	✓	✗	✓	✗	✓	✗	✓	✗	✓
	2 Steps (Ink + Release)	✗	✗	✓	✓	✓	✓	○	○	○	○
	3 Steps (Primer + Ink + Release)	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗
	3 Steps (Corona + Ink + Release)	✗	✗	✗	✓	✗	✓	✗	○	✗	○
Treatments	Primer Coating Station	✗	✗	✓	✓	✓	✓	✗	✗	✗	✗
	Release Coating Station	✗	✗	✓	✓	✓	✓	✗	✗	○	○
	Corona Station	✗	✓	✗	✓	✗	✓	✗	✓	✗	✓
Adhesive Side Printing	Option to print also on Adhesive Tape face	○	○	○	○	○	○	✗	✗	○	○
Starting Tape Reel Width	150 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Starting Tape Reel OD - Ø Max	400 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Printed Tape Reel OD - Ø Max	330 mm	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
	160 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ID Ø mandrels/cores	75 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	25mm - 38mm - 40mm - 42mm - 45mm - 50mm	○	○	○	○	○	○	✗	✗	✓	✓
Printed Tape Width	50 - 75mm only	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓
	From 19mm to 150mm width	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗
	Under 19mm - Special Option Required	○	○	○	○	○	○	✗	✗	○	○
Machine maximum speed	0 - 150 m/min	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
	0 - 200 m/min	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗
Type Printing Cylinder	Anilox	✓	✓	✓	✓	✓	✓	✗	✗	✓	✓
	Ceramic	○	○	○	○	○	○	✓	✓	○	○
Cliché Development	from 150,72mm to 502,40mm	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗
	from 169,56mm to 502,40mm	✗	✗	✗	✗	✗	✗	✓	✓	✗	✗

Contact SIAT at [marketing@siat.com](mailto:marketing@siat.com) to receive a tailored quotation and a consultation on the best configuration for your specific technical and production needs.  
Contact SIAT to get a consultation on the best configuration suited to your specific technical and production requirements.

✗ Not Available    ✓ Standard    ○ Optional

## The SIAT Group



Headquartered in Northern Italy, SIAT is established as a quality leader in end-of-line industrial packaging solutions, specializing in taping, strapping and wrapping machines, as well as flexographic printing machines.

Based in Ohio (USA), Combi is a Northern American producer of industrial packaging systems, engineering and manufacturing case erectors, tray formers, case sealers, case packers, robotic packaging systems, and ergonomic monoblock hand-packing stations.



Located in Northern Italy, Tam has been producing small metal parts and providing precision machining services for over 30 years.

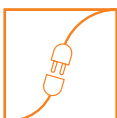
For over 50 years, we have been manufacturing high-tech equipment and are proud to be recognized by our customers as among the leading brands in packaging machinery and components. Our solutions are utilized across various industries, including food and beverage, e-commerce, logistics, packaging, and consumer products.

## Our machines are designed to:



### Increase customer productivity

Our machines boast an average life of 25 years, while our customers pay off their investment in only 4 to 5 months.



### Lower the total cost of ownership

Our machines are designed for easy maintenance and simple installation. They are developed to be user-friendly and durable, while also being easy to integrate and manage.



### Reduce environmental impact

We strongly believe in pursuing this goal through our environmental approach, envisioning the future of packaging as a collaborative effort with our customers to find the most sustainable and secure solutions. Each machine is designed to consume less energy, minimize material usage, and reduce waste.



### Be connected

Thanks to Optirun, the SIAT Group's IoT solutions brand, we can calculate tape and box consumption, monitor film usage, and track all machine parameters to prevent downtime.



### E-commerce

Buy directly at [www.shop.siat.com](http://www.shop.siat.com)



### Service

Contact our field service Team at [servicenow@siat.com](mailto:servicenow@siat.com)



Via Puecher 22,  
22078 Turate - Como  
[www.siat.com](http://www.siat.com)

