

Wrapping Equipment







WRAPPING EQUIPMENT

100%
MADE in ITALY



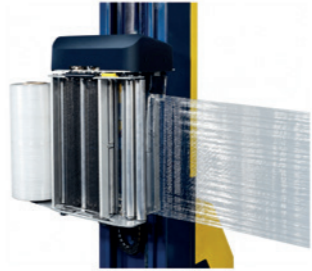

	BeeWrap+	OneWrap	OneWrapPlus
When to chose it...	When space is limited or pallets cannot be moved Maximum mobility and flexibility Warehouses, logistics areas, multiple wrapping points	When you need a reliable automatic wrapping solution Simple, robust, cost-effective automation Standard pallet wrapping with moderate volumes	When load variability and film optimization matter Higher performance with advanced pre-stretch Mixed pallet sizes, need for better load consistency
			
Machine Type	Mobile Robot	Turntable	Heavy Duty Turntable
Automation Level	Semi-Automatic	Semi-Automatic	Semi-Automatic
Max Pre-Stretch	240%	240%	300%
Standard Prestretch	240% (LP)	240% (LP)	250% (LP)
Additional prestretch kits	150% / 200% (LP)	150% / 200% (LP)	150% / 200% / 300% (LP)
Available Carriages	M / FM / LP / MR	EM/ M / MR / FM / SM / LP	M / MR / FM / LP
Turntable Diameter / max load sizes	—	Ø 1500 / 1650 / 1800 / 2200 mm HSD version Ø 1500 mm	Ø 1650 / 1800 / 2200 mm HSD version Ø 1650 mm
Column height options	L 2100 mm - M 2600 mm	L 2100 mm - M 2400 mm	L 2200 mm - M 2600 mm - H 3000 mm*
Max Pallet Height	2100-2600 mm	2100-2400 mm	2200-3000 mm
Max Load Weight	∞	2400 kg - HSD version: 1200 kg	2400 kg - HSD version: 1200 kg
Minimum Load Weight	20 kg	100 kg	100 kg
Suggested output	max 20 p/h (depending on program)	max 20 p/h (depending on program)	max 25 p/h (depending on program)
Storable Programs	9 + 1	9 + 1	9 + 1
Operating Modes	Semi-automatic mode - UP - UP & DOWN - UP with manual top cover - UP & DOWN with manual top cover	Semi-automatic mode - UP - UP & DOWN - UP with manual top cover - UP & DOWN with manual top cover Manual mode	Semi-automatic mode - UP - UP & DOWN - UP with manual top cover - UP & DOWN with manual top cover Manual mode
Safety Bumper	✓	—	—
Safety Laser Scanner	Optional	—	—
Safety fences & lightbarriers	—	Optional	Optional
Photocell for Dark Products	Optional	Optional	Optional
Variable Film Zones	bottom and top layers	bottom and top layers	bottom and top layers
Top Sheet Cycle	Selectable by control panel	Selectable by control panel	Selectable by control panel
Roping System (pneumatic)	—	—	—
Automatic Film Attachment	—	—	—
Automatic Film Cutting	LP only - cutting punch	LP only - cutting punch	LP only - cutting punch
Film Wiping	—	—	—
Handheld Radio Remote Control	Optional	—	—
Industry 4.0 Ready (OptiRun)	—	—	—
Compressed Air Required	—	—	✓ Only in case of top pressor unit
Roping Available	—	—	—
W8Wrap Compatible	—	✓ (TT 15 -16)	✓ (TT 16)
Stainless Steel Version	—	✓	—
Low Temperature Version (-20 °C)	—	Optional	—
Energy saving mode after 10 min.	✓	—	—
Double tracing wheel	Optional	—	—
Top pressor unit (pneumatic)	—	—	Optional (manual activation)
Power supply / battery specs	2x AGM battery 58 Ah / optional 90Ah	220/240V 50-60Hz+N+PE / 400V 50/60Hz+N+PE Others on request	220/240V 50-60Hz+N+PE / 400V 50/60Hz+N+PE Others on request

OneWrap Arm	ProWrap	ProWrap CW / CWS	ProWrap F/A	
When you need compact automation with operator control Automatic film attach & cut (film automatically attached and cut at the end of the cycle) + remote control included Lines with limited space and flexible operation needs	When film saving and load stability are critical TPC – Total Pallet Control (multi-zone wrapping control for optimized film usage and load stability) Structured production environments focused on efficiency	When you need top performance with integrated cutting/welding TPC – Total Pallet Control + automatic film cutting and sealing (film automatically cut and sealed at the end of the cycle) High-throughput lines requiring repeatability	When performance, automation and throughput are top priority Fully automatic, maximum output High-volume industrial lines	
				
Turntable with auto attach-cut system	Advanced Turntable	Advanced Turntable with auto attach-cut & welding system	Fully Automatic Turntable	
Automation Level	Advanced Semi-Automatic	Advanced Semi-Automatic	Fully Automatic	
Max Pre-Stretch	240%	400% (Viking DM)	400% (Viking DM)	
Standard Prestretch	240% (LP)	200% (Viking PW)	200% (Viking PW)	
Additional prestretch kits	150% / 200% (LP)	100% / 125% / 150% / 175% / 225% / 250% / 300% / 350%	100% / 125% / 150% / 175% / 225% / 250% / 300% / 350%	
Available Carriages	LP	FM / Viking PW / Viking DM	Viking PW / Viking DM	
Turntable Diameter / max load sizes	Ø 1650	Ø 1650 / 1800 / 2200 mm - HSD version Ø 1650 mm	Ø 1650 / 1800 mm	
Column height options	L 1900 mm	L 2200 mm - M 2600 mm - H 3000 mm	L 2200 mm - M 2600 mm - H 3000 mm	
Max Pallet Height	1900 mm	2200-3000 mm	2200-3000 mm	
Max Load Weight	2400 kg	2400 kg - HS version: 1200 kg	2400 kg	
Minimum Load Weight	100 kg	100 kg	100 kg	
Suggested output	max 30 p/h (depending on program)	max 25 p/h (depending on program)	max 30 p/h (depending on program)	
Storable Programs	9 + 1	12	12	
Operating Modes	Semi-automatic mode - UP with auto attach-cut - DOWN & UP with auto attach-cut - UP with auto attach-cut & manual top cover - DOWN & UP with auto attach-cut & manual top cover - UP* - UP & DOWN* - UP with manual top cover* - UP & DOWN with manual top cover* Manual mode - *arm excluded	Semi-automatic mode - UP - UP & DOWN - UP with manual top cover - UP & DOWN with manual top cover Manual mode	Semi-automatic mode - UP & DOWN with auto attach-cut / weld - UP & DOWN with auto attach-cut and manual top cover Manual mode	Fully automatic mode - UP & DOWN with auto attach-cut / weld Manual mode
Safety Bumper	—	—	—	
Safety Laser Scanner	—	—	✓	
Safety fences & lightbarriers	Optional	Optional	Optional	
Photocell for Dark Products	Optional	Optional	Optional	
Variable Film Zones	bottom and top layers	✓ 6 Up / 6 Down / 3 middle reinforcements	✓ 6 Up / 6 Down / 3 middle reinforcements	
Top Sheet Cycle	Selectable by control panel	Selectable by control panel	Selectable by control panel	
Roping System (pneumatic)	—	Optional	Optional	
Automatic Film Attachment	✓	—	✓	
Automatic Film Cutting	✓	PW / DM - cutting punch	✓	
Film Wiping	—	—	✓ (option welding)	
Handheld Radio Remote Control	✓	—	Optional	
Industry 4.0 Ready (OptiRun)	—	Optional	Optional	
Compressed Air Required	—	✓ Only in case of top pressor unit / roping system	✓	
Roping Available	—	Optional (Top / Top & Bottom)	Optional (Top / Top & Bottom)	
W8Wrap Compatible	✓	✓ (TT 16)	✓ (TT 16)	
Stainless Steel Version	—	—	—	
Low Temperature Version (-20 °C)	—	Optional	—	
Energy saving mode after 10 min.	—	—	—	
Double tracing wheel	—	—	—	
Top pressor unit (pneumatic)	—	Optional	Optional	
Power supply / battery specs	220/240V 50-60Hz+N+PE / 400V 50/60Hz+N+PE Others on request	220/240V 50-60Hz+N+PE / 400V 50/60Hz+N+PE Others on request	220/240V 50-60Hz+N+PE / 400V 50/60Hz+N+PE Others on request	

CARRIAGES

	EM	M	FM	SM
	Manual film tension adjustment via reel holder control. Ideal for products with fixed weight and density. No pre-stretch required—perfect for light or fragile items.	Film tension adjusted manually using a mechanical brake ring nut. Designed for a limited range of weights and densities. No pre-stretch needed. Suitable for light and delicate products.	Film tension adjusted from the control panel via the reel holder carriage. Programmable for different applications. Suitable for consistent product weights and densities. Ideal for light and fragile loads.	Pre-stretch set by changing the gear transmission ratio, with manual tension control. Designed for basic pre-stretch needs, ensuring product stability and integrity without damage.
				
Technology	Manual tension control (reel holder)	Manual tension with mechanical brake	Panel-controlled tension (programmable)	Basic pre-stretch (gear ratio adjustment)
Standard pre-stretch	-	-	-	60%
Optional pre-stretch kits	-	-	-	30% / 90%

- Optionals for Carriages:
- Film cutting device (only LP carriage)
 - Photocell for dark surfaces can be supplied, specifically designed to detect wrapped items or products with a prevalence of black or dark surfaces (e.g. Automotive field)
 - Pneumatic roping System (Viking PW/DM only); that is activated from the panel. A lever on the carriage is lowered in order to make a rope

	LP	MR	Viking PW	Viking DM
	Motorized pre-stretch with independent motor and electronic tension control from the panel. Programmable for different applications. Ideal for medium to heavy, consistent loads. Ensures optimized film usage without frequent adjustments or monitoring.	Designed for net film wrapping. Manual tension adjustment via mechanical brake ring nut. Suitable for limited weight and density ranges. Ideal for light and delicate products. No pre-stretch required.	Fixed pre-stretch (adjustable via optional kits) combined with electronic tension control from the panel. Optional Gateway for film consumption monitoring and data exchange. Ideal for medium to heavy, consistent loads. Supports high pre-stretch levels, film savings, and frequent ratio adjustments—perfect for automated lines.	Dual motor system for electronic control of both pre-stretch and tension from the panel. Allows different pre-stretch ratios on the same pallet, even with sharp edges. Optional Gateway enables monitoring and data exchange. Ideal for heavy to very heavy, consistent loads. Supports high film savings and frequent adjustments—perfect for highly automated lines.
				
Technology	Panel-controlled tension (programmable)	-	Panel-controlled tension (programmable)	Panel-controlled tension (programmable)
Standard pre-stretch	OneWrap/BeeWrap+: 240% / OneWrapPlus 250%	-	200%	Panel controlled pre-stretch up to 400%
Optional pre-stretch kits	150% / 200%	-	100% / 125% / 150% / 175% / 225% / 250% / 275% / 300% / 350%	-

Pre-Stretch & Lay-On Force
Smarter wrapping. Stronger results.

Maximize Efficiency with Pre-Stretch

Unlock the full potential of your stretch film. Thanks to advanced motorized rollers operating at different speeds, SIAT carriages deliver pre-stretch levels of over 400%. The result? Less film consumption, lower costs, and a more sustainable wrapping process—without compromising load stability.

Precision Control with Lay-On Force

Every load is different—your wrapping should be too. Lay-on force controls the tension applied between the carriage and the pallet, ensuring the perfect fit for every application. High tension secures heavy, robust loads, while gentle tension protects delicate products like cartons or plants from damage.

Performance You Can Rely On

By combining high pre-stretch efficiency with precise lay-on force control, you achieve optimal load containment, reduced waste, and consistent, high-quality results—every time.



FILM SAVINGS EXPLANATION

PRE-STRETCH	ORIGINAL FILM LENGTH	FILM LENGTH AFTER STRETCHING
0%	1	1
100%	1	2 METER
200%	1	3 METER
300%	1	4 METER
400%	1	5 METER

Higher pre-stretch = Longer film usage = Less film consumption
More stability with less material.

ACCESSORIES

FEATURES	BeeWrap+	OneWrap	OneWrapPlus	OneWrap Arm	ProWrap	ProWrap CW / CWS	ProWrap F/A
Standard Ramp	-	✓	✓	✓	✓	✓	-
Elongated Ramp	-	✓	✓	✓	✓	✓	-
Pit Frame	-	✓	✓	✓	✓	✓	-
Lifting Frame	-	✓	✓	✓	✓	✓	-
Lifting Disk	-	✓ (HSD only)	-	-	-	-	-
INOX (Stainless steel) ramp	-	✓	-	-	-	-	-
HSD platform	-	HSD 15	HSD 16	-	HS 16	-	-
Weighing System	-	✓	✓	✓	✓	✓	-
Roping System	-	-	-	-	✓	✓	✓
Safety fences and lightbarriers	-	✓	✓	✓	✓	✓	✓
Low temperature version	-	✓	✓	-	✓	-	-
Remote control	✓	-	-	✓	-	✓	-
OptiRun	-	-	-	-	✓	✓	-

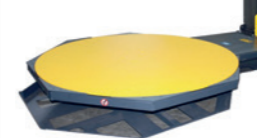
Standard Ramp



Elongated Ramp



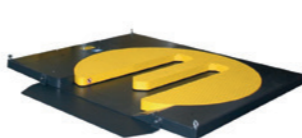
Pit Frame (In-ground) polistirene Blocks or metal structure



Lifting Frame (ideal for electrical fix forks)



HSD platform, useful for electric pallet truck



Weighing System W8Wrap



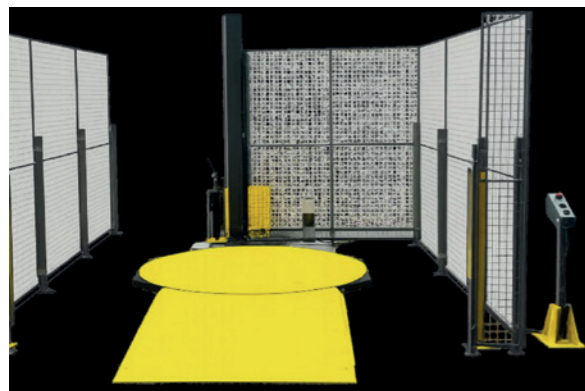
Roping System available for Viking PW and DM, pneumatic device that shrinks the film to create a rope: it gives stability and strength to the filming



Heating set for control panel: device needed when the machine has to be used in low-temperature environments.



Remote control: 1x is available for OneWrapArm, additional remotes or devices for other machines are on demand



External guard: safety system (guards and control devices) that prevents access to the wrapping area. When an access to the area is detected, the monitoring devices control machine operation stop in safe conditions.



OptiRun (previous Gateway installation is mandatory) Connection from ProWrap to cloud to access data from PC, tablet or smartphone anywhere in the world
Records film consumption (grams and meters) and pre-stretch of every pallets
Able to carryout remote maintenance of the ProWrap

TPC | TOTAL CONTROL AT EVERY POINT OF THE PALLET

BEST SOLUTION FOR TOTAL CONTROL & PERFECT RESULTS

TPC is an intelligent wrapping system that divides the pallet into multiple programmable zones along its height. This allows you to apply the exact amount of film, precisely where it's needed, with the ideal containment force for every part of the load.

The result? Superior load stability, reduced film consumption, and complete adaptability to any product type.

SMART, ADAPTIVE WRAPPING

Unlike conventional systems, TPC gives you full control over every key parameter:

- ✓ Film pre-stretch
- ✓ Containment force
- ✓ Turntable speed
- ✓ Reinforcement wraps
- ✓ Roping areas

Each parameter can be independently adjusted during both upward and downward carriage movement ensuring consistent, tailored wrapping performance from bottom to top.

HOW IT WORKS

TPC intelligently segments the pallet into multiple control zones:

- 6 programmable zones during upward movement
- 6 programmable zones during downward movement
- 3 dedicated reinforcement areas for the load body

TAILORED TO EVERY LAYER

For each section of the pallet, you can precisely define:

- Number of layers
- Layer height
- Number of wraps
- Offset from the floor
- Carriage speed (overlap control)
- Film tension
- Pre-stretch level
- Roping function
- Reinforced wraps (on 3 levels)

KEY BENEFITS

- Optimized film consumption
- Improved load stability
- Maximum flexibility
- Advanced control of wrapping parameters
- Reduced material waste
- Enhanced protection during transport



1

15 LAYERS CONTROL



2

MINIMUM FILM CONSUMPTION



3

MAXIMUM STABILITY





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.

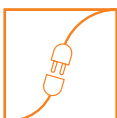
Cod. Brochure: Taping-Equipment-11125

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



Service

Contact our field service Team at servicenow@siat.com



Via Puecher 22,
22078 Turate - Como
www.siat.com

