



T1300

Ring Type High Speed Fully Automatic Pallet Wrapping Machine

- High wrapping speed from 75-95 pallets/hour
- Automatic top sheet dispenser optional
- Automatic paper corner fixer optional
- Automatic cutting and clamping film
- Automatic pallet grip system optional
- SEW & SIEMENS motor drive system
- SIEMENS electronic control system



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Maximum Film Value, Maximum Efficiency

With constant-force film feeding and precise wrapping control, every inch of film delivers maximum value with features like pre-stretch delivery, auto film cutting, and break detection to cut downtime and boost efficiency



Smarter Safety, Faster Wrapping

Built-in safety features ensure worry-free operation: emergency stop cuts motion instantly, pallets wrap only within safe height limits, and film changes are fully protected. This high-speed automatic wrapper saves time while keeping every load secure



Secure Wrapping with Lower Energy Costs

The third-generation model offers significantly improved stability and higher wrapping speed, while reducing total power consumption by 26.5% (11.75KW vs. 16KW in the second generation). This high-speed, fully automatic pallet wrapping machine is designed to securely wrap pallets for storage and transport, delivering greater efficiency and consistency compared to manual wrapping



Built with World-Class Components for Superior Performance

Equipped with top-tier components: SIEMENS servo and PLC, SICK sensors, Weidmuller terminal boards, and FESTO air cylinders—engineered for precision, reliability, and long-lasting performance



Smarter Design, Simpler Operation

Our modular design gives every component its own ID, making upgrades and replacements quick and simple. Modular electrics ensure seamless system integration, while the intuitive visual HMI keeps operation effortless and user-friendly



Engineered for Maximum Stability, From Start to Finish

Delivers a 100% secure film clamp, reliable mechanical film cutting, and full film-roping functionality for maximum load stability



Effortless Pallet Wrapping with Advanced Automation

The Smart Wasp ring wrapper combines servo-driven lifting, rotating, and film feeding with advanced 4.0 software for smooth, reliable operation. Integrated conveyors move pallets to the wrapping station, where a rotating turntable and vertical arm apply precise, programmable wraps—ensuring every load is secure and stable



Stay Connected, Fix Fast with SMART X-line IoT

With X-line SMART IoT, machine status is always visible. Any fault can be diagnosed and resolved instantly by the supplier through SMART X-line, minimizing downtime



Model	Smart Wasp T1300	Spare Parts		Brand	
Maximum wrapping speed	45\60\90 loads/hour	Inverter		SIEMENS	
Max pallet size	1.2x1.2m	Position sensor		SICK	
Maximum Wrapping Height	2000mm	PLC		SIEMENS	
Ring Speed	0-30RPM(Adjustable)	Travel Switch		OMRON	
Ring Size	2200mm	Ring drive Motor		SEW	
Ring Drive Power	1.5 ph	Relay		OMRON	
Film &Clamp Cut	Automatic (Heat type)	Touch screen		SIEMENS	
Max Load Weight	2000KG	Switch		Schneider	
Standard Film Width	500mm	Cylinder		FESTO & AIRTAC	
Constant Film Delivery Force	Standard	Up and down motor		CPG	
Standard Pre-Stretch	250%	Film carriage motor		SIEMENS servo motor	
Conveyor system	Stainless Steel 201 diameter: 76mm				
Film Capacity	Diameter: 250mm	Special Process		Introduction	
Film Delivery System	Servo motor control	Frame		Steel	
Up and down drive system	Belt drive	Printing		Metallic Paint	
Top pressure function	Optional	Fall-proof		Anti drop system	
Lifting up conveyor	Optional	Cutting		Laser	
Top sheet dispensor	Optional				
Paper corner fixer	Optional				
Machine Size	3.2x3x4m				
Machine weight	4000KG				
Voltage	380V/60HZ				

