



AUTOMATIC PALLET WRAPPING MACHINE SMARTWRAP X10 2000KG

- **Automatic Pallet Wrapping Machine SMARTWRAP X10** for heavy pallets **up to 2000 kg**
- **Maximum wrapping height: 2400mm**
- Main Features: **Remote start machine, Soft start&stop, Intelligent Alarm, Stop at original, Adjustable Speed, Pallet grid system, Automatic Height Measurement, Adjustable Wrapping force, can set up to 12 preprogrammed programs**
- **Maximum wrapping speed: 30-40 loads/hour**
- **Automatic cut and clamp film system**, eliminating manual intervention
- **Pallet Grip System** ensures that the film is tightly wrapped, preventing product damage and loss
- Saving Film Consumption: The X10 uses a **pre-stretch rate of up to 300%**, minimizing film usage and waste.
- Multi-layer Function: The X10 allows up to 9 layers to be wrapped on a single pallet, offering customized wrapping and load protection
- **Program Memory**: Automatic pallet wrapper SMARTWRAP X10 can **save up to 12 wrapping programs**
- **High-quality Components**: The X10 uses high-quality components (**SIEMENS** (Germany), **SICK** (Germany), **OMRON** (Japan), **GPG** (Taiwan) ensuring durability and reliability
- Advanced Safety Technology: The X10 features advanced safety technology, protecting operators and minimizing risks.
- Intelligent Operation Guidance System:

The X10 features an LED indicator and touch screen, making it easy to use and minimizing errors

- **Constant Film Delivery Force:** The X10 **applies film evenly and with the correct tension for tight and secure wrapping**
- **Wrap Force Control:** The X10 allows for customized wrapping with variable wrap force control



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Automatic Pallet Wrapping Machine SMARTWRAP X10 is an automated pallet stretch wrapping machine that uses LLDPE stretch film to wrap bulk cargos stacked on the pallet, providing extra support during transportation and storage to protect them from dust, moisture, or damage.

The machine has several functions, including attaching the stretch film to the pallet and allowing the **start of the stretch wrapping cycle without operator intervention**. Wrapping the pallet load according to the **set parameters, cutting the stretch film at the end of the wrapping cycle**, and **applying the film at the end of cycle to the pallet to prevent** it from coming apart during transport.

The pallet wrapping machine is widely used in various industries, such as glassware, tools, electric and electronic, paper, pottery, food and beverage, and more.

The machine has a **maximum wrapping speed of 30-40 loads per hour** and a **maximum wrapping height of 2400mm (optional 1800mm or 3000mm)**. The **turntable speed is adjustable from 3-12 RPM**, and the **turntable size is 1650mm (optional 1800mm or 2000mm)**. The film delivery system uses a **power roller with Stretch Plus**, and the **film width is**

standard at 500mm. The machine has a standard **pre-stretch of 300%** and can accommodate a **film capacity of 250mm in diameter.**

The **control system used is Siemens,** and the machine has several safety features, such as the inside safety belt and **double balance device.** The automatic pallet wrapping machine **weighs 750kg** and has a size of **L:2800mm W:1650mm H:2745mm.**

The mast height of the automatic pallet wrapping machine is 2745mm, and the turntable steel thickness is 10mm, **cut using water-cutting technology.** **The maximum load weight is 2000kg,** and the ramp and weighing scale are optional. The machine does not require an air compressor, and it can operate in temperatures above 0 degrees Celsius.

The Pallet Wrapping Machine X10 is an advanced solution to the problem of securing and protecting palletized loads during transportation and storage. This fully automatic machine **offers a range of features and benefits that make it a highly effective and efficient option** for businesses that need to **wrap pallets of goods quickly and easily.** In this description, we will explore the key features and benefits of the pallet wrapping machine X10 in detail.

AUTOMATIC PALLET WRAPPING MACHINE SMARTWRAP X10 VIDEO

SPECIFICATIONS OF AUTOMATIC PALLET WRAPPING MACHINE SMARTWRAP X10

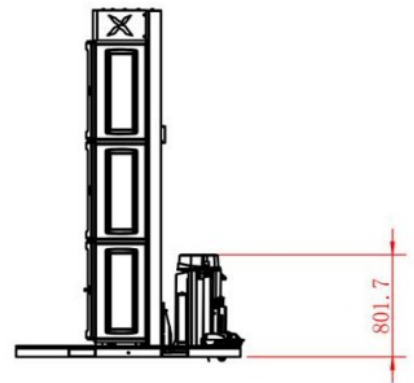
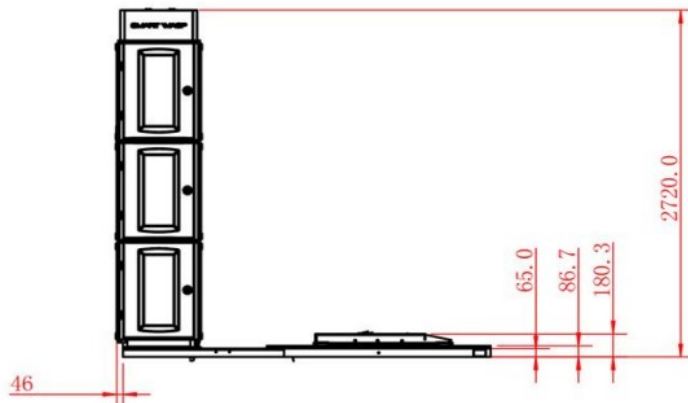
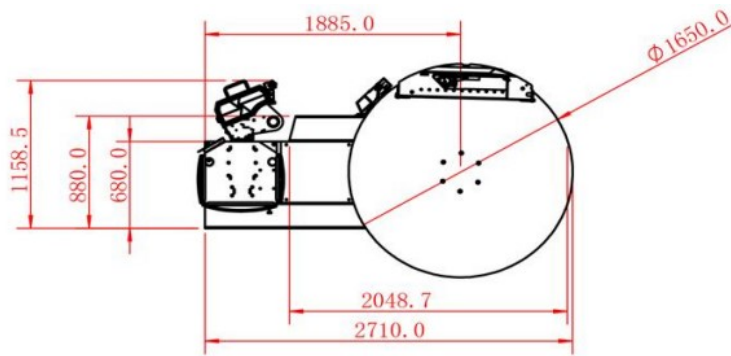
- Maximum wrapping speed: 30-40 loads/hour
- Load size diagonal: 1753 mm
- Maximum wrapping height: 2400mm
- Turntable speed: 3-12 RPM (adjustable)
- Turntable size: 1650 mm
- Turntable drive: 1 PH
- Film cut and attaching to the pallet: Automatic
- Film width: 500 mm
- Pre-stretch: 300%
- Film capacity: 250 mm diameter

AUTOMATIC PALLET WRAPPING MACHINE SMARTWRAP X10 TECHNICAL DATA

Technical Specifications	Details
Model	SMARTWRAP X10
Load size diagonal	1753mm
Maximum wrapping height	2400mm (optional 1800mm or 3000m)
Turntable speed	3-12 RPM (adjustable)
Turntable size	1650mm (optional 1800mm or 2000mm)
Turntable drive	1PH
Film cut and attaching to the pallet	Automatic
Intelli-Sensor	Standard
Wrapping speed	30 - 40 load / H (1x1.2x1.8m pallet Warp Two Layers)

Standard pre-stretch	300% pre-stretch
Wrap force	Variable (Electric)
Standard film width	500mm (optional 750mm)
Film Capacity	250mm diameter
Film paper Core	76 mm (50 mm optional)
Film weight	Maximum 15KG
Film delivery system	Power Roller – Stretch Plus
Film rope system	Standard
Integrated scale	Optional
Machine weight	750 kg
Machine size	L:2800mm W:1650mm H:2745mm
Remote control system	Available
Voltage	220/110V/50HZ
Maximum load weight	2000KG
Ramp and weighing scale	Optional
Air compressor	Not required
Machine power	2.2KW
Soft start&stop	Included
Intelligent Alarm	Included
Stop at original	Included
Speed Adjustable	Included
Pallet grid system	Included
Measure height	Automatic
Wrapping force	Adjustable
Remote start machine	Yes
PLC	Siemens
Inverter	X-LINE
Touch screen	SMARTWRAP IoT
Sensor brand	SICK (German Brand)
Safety device	film carriage bottom safety sensor
Certificate	CE
Optional device	Ramp, Weighing scale

AUTOMATIC PALLET WRAPPING MACHINE SMARTWRAP X10 FLOOR PLAN



FEATURES OF AUTOMATIC PALLET WRAPPING MACHINE SMARTWRAP X10

Main Features: **Remote start machine, Soft start&stop, Intelligent Alarm, Stop at original, Adjustable Speed, Pallet grid system, Automatic Height Measurement, Adjustable Wrapping force, can set up to 12 preprogrammed programs**



Automatic Cut and Attaching Film to the pallet

The X10 pallet wrapping machine features an automatic cut-and-clamp film system that eliminates the need for manual intervention in the wrapping process. This feature saves time and increases efficiency by ensuring that the film is cut and clamped automatically.

Pallet Grip System

The pallet grip system of the X10 ensures that the film is tightly wrapped around the pallet and products. This feature prevents the products from falling off during transportation and protects them from damage.



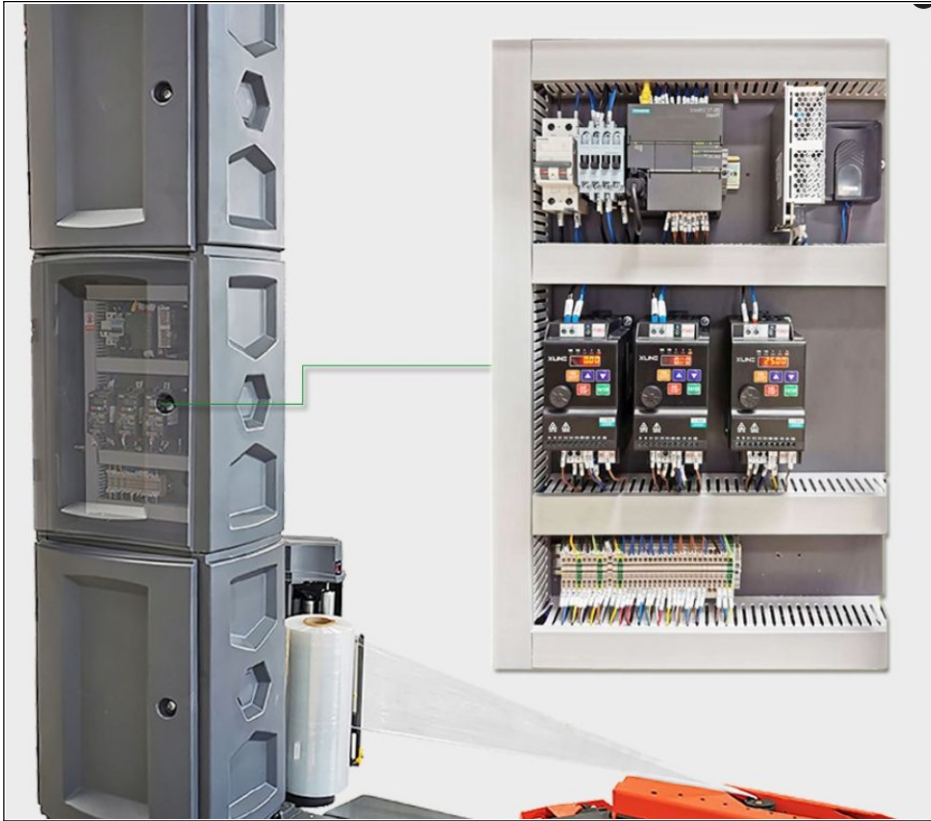
Saving Film Consumption

Automatic wrapper X10 uses a pre-stretch rate of up to 300%, which minimizes the amount of film required for wrapping. This feature saves on film costs and reduces waste.

Multi-layer Function

Automatic pallet wrapper X10 allows for the setting of different wrapping circles and wrapping forces at any height, allowing for up to 9 layers to be wrapped on a single pallet. This feature allows for customized wrapping and ensures that the load is secured and protected.



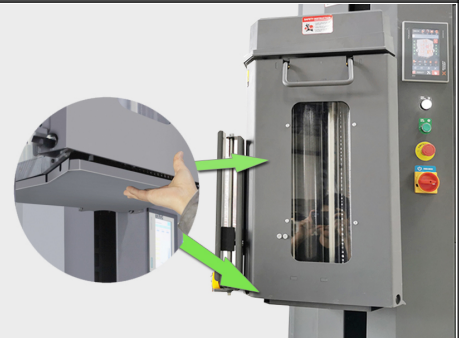


High-quality Components

The X10 automatic wrapping machine uses high-quality components, such as a Siemens PLC, a SICK proximity switch, an AUTONICS photoelectric switch, a WEIDMULLER terminal block, an X-LINE inverter, and an OMRON 24 DC supply. These components ensure the durability and reliability of the machine.

Advanced Safety Technology

The X10 features advanced safety technology, including a safety device under the film carriage to protect the operator. A transparent board for easy problem identification, an up-and-down belt deviation, and a damaged alarm system to avoid the carriage dropping down.



Intelligent Operation Guiding System

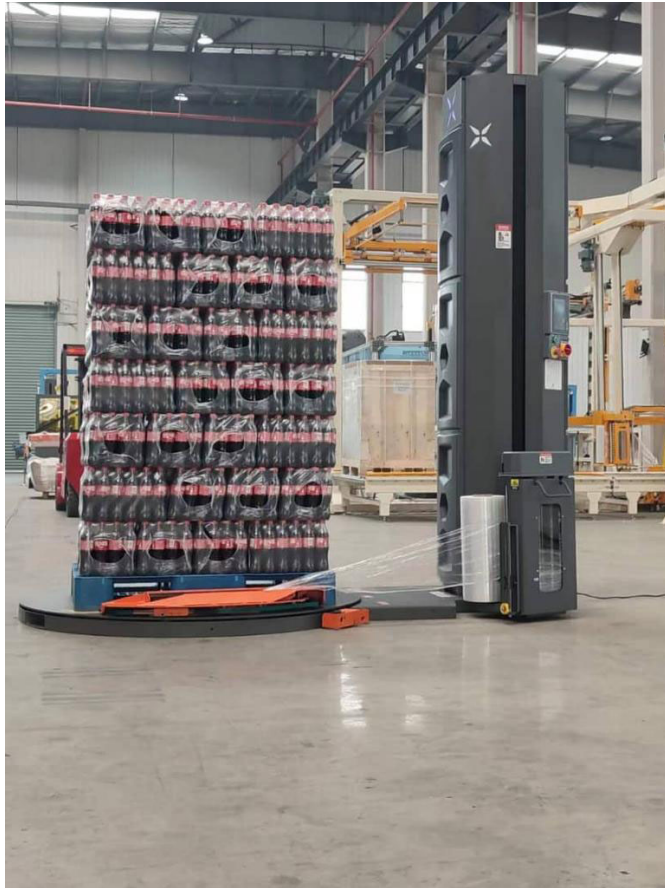
The X10 features an intelligent operation guiding system with an LED indicator that shows the status of the machine:

Ready for work--Blue color

During working--Green color

Alarm--Red color

Automatic pallet wrapping machine X10 uses a touch screen that guides the user on how to operate the machine. This feature ensures that the machine is easy to use and minimizes the risk of errors.



BENEFITS OF AUTOMATIC PALLET WRAPPING

MACHINE SMARTWRAP X10

1. **Improved Efficiency:** The X10 pallet wrapping machine can wrap pallets quickly and efficiently, freeing up workers to perform other important tasks. This leads to increased productivity and reduces the need for manual labor.
2. **Reduced Film Usage:** The X10 pallet wrapper is equipped with a film pre-stretch system that can stretch the film up to 300%. This reduces the amount of film used and ultimately saves costs.
3. **Increased Safety:** The X10 pallet wrapping machine is equipped with advanced safety features such as an alarm system, safety device under film carriage, and transparent board that makes it easy to identify problems. This ensures the safety of the operator and reduces the risk of workplace accidents.
4. **Consistent Quality:** The X10 pallet wrapper ensures consistent wrapping quality regardless of the operator, as it uses advanced automation technology that eliminates variations in the wrapping process.
5. **Versatility:** The X10 pallet wrapper can wrap pallets of different sizes and shapes, making it suitable for a wide range of industries and applications.
6. **Increased Customer Satisfaction:** The X10 pallet wrapping machine ensures that products are delivered to customers in excellent condition. The machine's precise and consistent wrapping quality ensures that products are well-protected during transport and storage, leading to increased customer satisfaction.
7. **Wrap Force Control:** The X10 features a variable wrap force control that allows the user to adjust the amount of tension applied to the film. This feature allows for customized wrapping and ensures that the load is secured and protected.
8. **Constant Film Delivery Force:** The X10 features a constant film delivery force that ensures that the film is applied evenly and with the correct tension. This feature ensures that the load is wrapped tightly and securely.
9. **Integrated Scale option:** The X10 offers an integrated scale as an optional feature, which allows for the weighing of the load during wrapping. This feature ensures that the load is within

weight limits and helps to prevent damage during transportation.

HOW DOES SMARTWRAP X10 AUTOMATIC PALLET WRAPPING MACHINE WORK?

The SMARTWRAP X10 pallet wrapping machine is designed to efficiently and effectively wrap palletized goods for safe transport and storage. The machine's working principle is as follows:

1. The operator loads the goods onto the turntable of the wrapping machine and affixes the film to the first surface of the goods manually, following the operating instructions.
2. The operator starts the wrapping machine, and the turntable begins to rotate from its initial position. At the same time, the film holder releases the film in coordination with the speed of the turntable. The film is wrapped around the goods as the turntable rotates.
3. Depending on the packaging requirements of the goods, the film begins to rise after wrapping a certain number of turns at the bottom of the goods. The film holder, turntable, and film release work together to achieve the overall packaging of the goods.
4. When the film reaches the top of the goods, a photoelectric sensor senses the height of the goods. The film carriage begins to descend after completing the top winding.
5. When the film holder reaches the bottom, the turntable starts to decelerate, and the film is cut in coordination with the turntable. At this point, a packaging cycle ends, and the machine enters a standby state, ready for the next pallet to be wrapped.
6. Once the machine finishes cutting the film and attaching the remaining film to the pallet, a complete packaging cycle is finished, and the machine is in a standby state, waiting for the next cargo to be wrapped and packed.

Automatic pallet wrapper SMARTWRAP X10 standard pallet wrapping machine simplifies the packaging process and ensures the safety of goods during transport and storage. With its automatic cutting and clamping system, the X10 **automatic pallet wrapping machine eliminates the need for manual intervention in the wrapping process**. The pallet grip system ensures that the goods remain securely in place during transport, preventing them from falling off even under violent vibrations. The machine's multi-layer function and intelligent operation guiding system make it easy to customize the wrapping process according to different packaging requirements. The **SMARTWRAP X10 machine also helps to reduce the cost of film consumption** with its **high pre-stretch rate**, which minimizes the amount of film needed for each wrapping cycle. With its advanced safety technology, the machine ensures that operators are protected during the wrapping process. The transparent board, belt deviation, and damaged alarm system make it easy to identify problems and prevent accidents.

Automatic pallet wrapping machine SMARTWRAP X10 will greatly improve your **packaging efficiency, reduce labor costs, and increase the safety** of your workers. If you are interested in **purchasing the automatic wrapper SMARTWRAP X10** or have any questions, don't hesitate to **place an order or request a quote**, please fill out the inquiry form on our website or contact our sales representatives. We will respond promptly to your inquiry and provide you with all the information that you need to make an informed decision.