



Options list
CTR 2000



Revision log.

Revision	Note	Date
A	Initial release.	16-01-13
B	New graphical design. 220803 has been updated. Only one set is needed, not two as stated in earlier revision.	18-09-12

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The CTR 2000 is a high performance wrapping machine, equipped with Cyklop's patented pre stretch system **POWER ECOSTRETCH** which is adjustable up to 300%.



STANDARD MACHINE

	Pallet flow	Up to 120 pallets/hour
	Ring speed	Frequency-controlled up to 45 r.p.m. Soft start / stop
	Film carriage speed	Adjustable
	Tension	Adjustable
	Safety norm	IP54
	Pre-stretch system	POWER ECOSTRETCH
	Pre-stretch ratio	7 gears, up to 300 %
	Stretch wrapping programs	15, high flexibility due to variable parameter settings.
	Controller	Siemens PLC S7
Power	Supply	3-phase 400 V+N+PE, 50 Hz
	Loading	16 A (4 kW)
	Control voltage	24 V
	Battery	48 V
Pneumatic	Compressed air (no lube)	6 bar,
	Air flow rate	Approx. 18 NL /cycle
	EX classification	Not approved for ATEX classified areas
Pallet Goods	Max size (length x width)	1200x1000 / 1200x1400 mm
	Max. goods height incl. pallet:	2500 mm*
	Permitted load weight:	Unlimited (depending on conveyor capacity)
Stretch Film	Core diameter	76 mm
	Outer diameter, max	250 mm
	Film width, max	500 mm
	Film thickness	9-35 my
	Operating temperature:	1°C (34°F) to 35°C (95°F) for use in a dry, tempered area.

*) Incl. transport height 300 mm



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STANDARD MACHINE

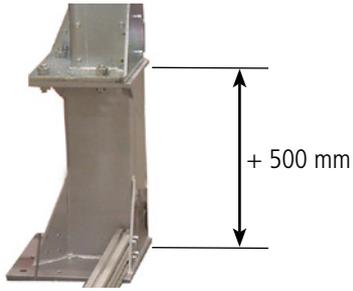
	Pallet flow	Up to 120+ pallets/hour
	Ring speed	Frequency-controlled up to 45 r.p.m. Soft start / stop
	Film carriage speed	Adjustable
	Tension	Adjustable
	Pre-stretch system	POWER ECOSTRETCH
	Pre-stretch ratio	7 gears, up to 300 %
	Stretch wrapping programs	7, high flexibility due to variable parameter settings.
	Controller	Siemens PLC S7
Power	Supply	3-phase 400 V+N+PE, 50 Hz
	Loading	25 A (8 kW)
	Control voltage	24 V
	Slipping	48 V
Pneumatic	Compressed air (no lube)	6 bar,
	Air flow rate	Approx. 35 NL /cycle
	EX classification	Not approved for ATEX classified areas
Pallet Goods	Max size (length x width)	1200x1000 / 1200x1400 mm
	Max. goods height incl. pallet:	2500 mm *
	Permitted load weight:	Unlimited (depending on conveyor capacity)
Stretch Film	Core diameter	76 mm
	Outer diameter, max	250 mm
	Film width, max	500 mm
	Film thickness	9-35 my
	Operating temperature:	5°C (40°F) to 35°C (95°F) for use in a dry, tempered area.

*) Incl. transport height 300 mm

GL2000 TWIN with option ITF

The CTR 2000 Twin is equipped with a slip ring that powers the ring and one additional pre stretch aggregate..

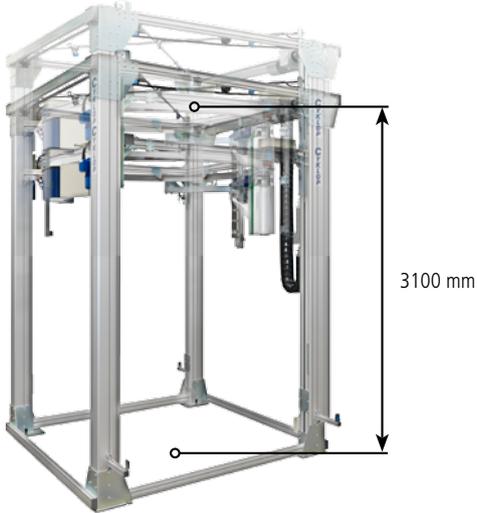
220067 - Extension feet



Extend feets the machine 500 mm.

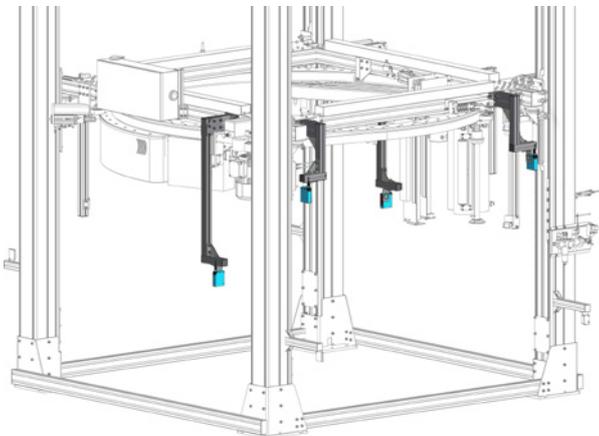
Can be made to custom height.

xxxxxx - Extended masts



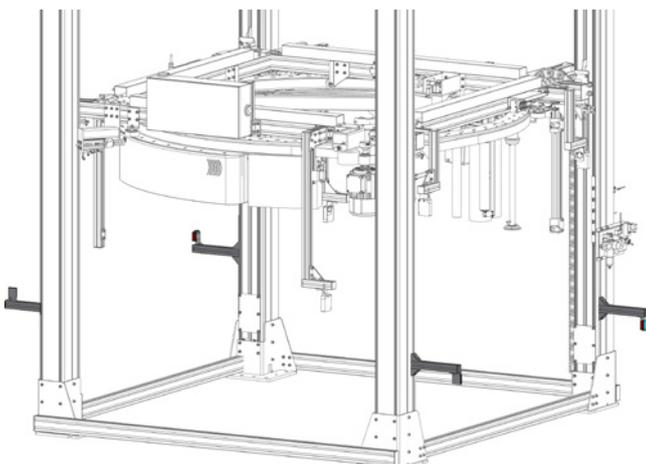
Taller CTR 2000. Used when you have high pallet loads. For pallets with height 1600 mm up to 3100 mm.

220759 - Pallet format control

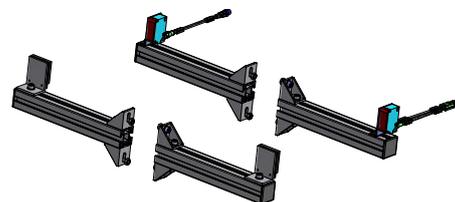


When the ring rotates the photocell works like format control and stops the machine if the pallet is inside the area where the ring moves..

220803 - Pallet check, in & out



Checks that no pallet is situated on the conveyor to make sure that the ring can move freely.



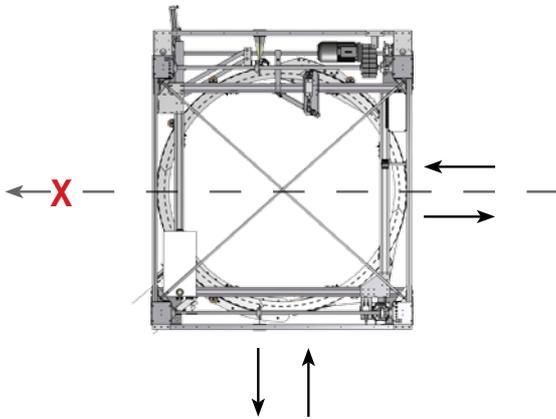
220801 - Welding unit



This is an option where plates weld the end of the film to the pallet.

This option prevents loose ends, so-called film flakes, to appear, in transport and other handling.

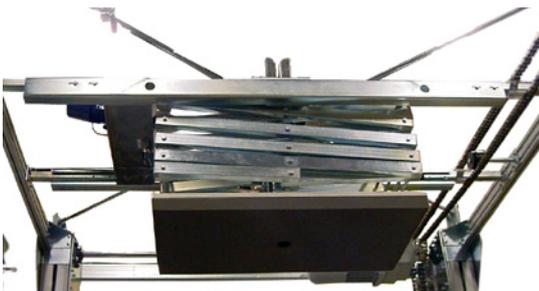
xxxxxx - 90° kit



The 90° degree option is used when a straight line of transportation through the machine is not possible.

For 90 degree in or out transportation.

220765 - Top plate



Top plate is an option consisting of a foam rubber-equipped plate that is lowered onto the goods to increase its stability.

Size: 600 x 1000 mm Standard

Dimensions can be adjusted.

220806 - Modular light tower



Light tower with green and red lights to indicate ok and error. Other colors can be added according to the customers wishes.

220802 - Height seeking device



Scans the pallet to detect the height of the goods. Optimates the wrapping cycle time.

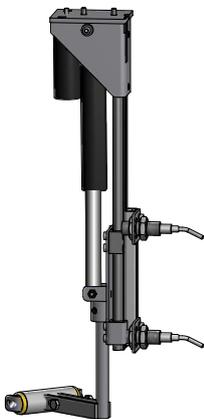
220204 - Extended ring



By moving the aggregate and the battery compartment, the CTR 2000 will manage +100 mm bigger pallet.

Max pallet size: 1820 mm.
(Measured corner to opposite corner).

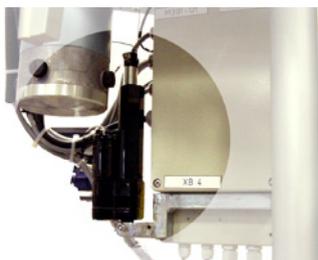
220265 - String roller



Stringroller is an option to tie up the bottom of the film width to a string.

Helps to tie the goods tighter to the pallet.

xxxxxx - Change the pre stretch setting remotely.



Choose desired gear from the display on the front of the electrical cabinet.

The picture shows the servo motor which changes the gears.

220316 - Light beam, one side



Safety application consisting of 1 set of light beams (sender and receiver) and control unit.

220316/1 - Light beams, two sides



Safety application consisting of 2 sets of light beams (sender and receiver) and control unit.

220316/2 - Light beams, three sides



Safety application consisting of 3 sets of light beams (sender and receiver) and control unit.

901238 - Cabinet prepared with relays for lightbeams



For use with one Sick lightbeam.

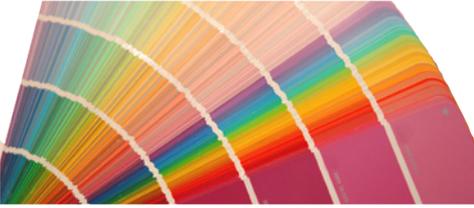
Only hardware included in cabinet. Lightbeams are not included.

901238 - For use with 1 pc lightbeam

901238/1 - For use with 2 pcs.

901238/2 - For use with 3 pcs.

449010 - Custom color



Other colors on battery/aggregate cover etc. Color must be specified upon order.

220159 - Film alarm



Film almost at an end is a option where the operator gets a light signal to warn him that the film roll is about to come to an end.

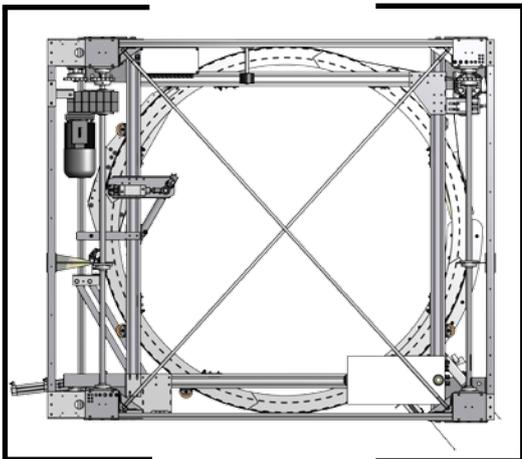
This option helps to minimize the stand still time for changing of the film.

220810 - Extension of cables for the electrical cabinet



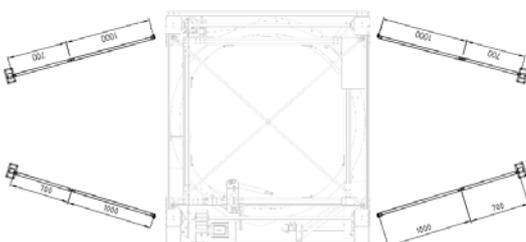
For use when the cabinet needs to be placed far away from the machine. (The standard length supplied is 3m.) Specify how long cables are needed upon order.

xxxxxx - Safety fence for main machine



Safety fence for the CTR 2000. Also includes also a door. Total height: 2300 mm, where of the net is 2200 mm high.

xxxxxx -S afety fence for in or out conveyor



Safety fence covering the in- and/or out-feed conveyors.

Overall height: 2300 mm, of which the net is 2200 mm high.

Order 2 pcs for both in- and out-feed conveyor

xxxxxx- Ewon communication kit



Ewon communication kit which makes it possible to communicate with the machine by distance and to do changes in the program without being at the customer.

901752 - Ethernet communication kit

Adds a Siemens ethernet card. Only hardware. No programming included.

901697 - Profibus communication kit

Adds a Siemens Profibus card. Only hardware. No programming included.

220807 - Service package

Adds a service outlet and LED light inside the main electrical cabinet.

xxxxxx - Air condition for electrical cabinet



Air conditioner to be used in areas where the temperature exceeds xxx °C. Cooling capacity 640W. ???

220725 - ITF (Integrated Topfilm dispenser)



With the ITF a top film can be put on the top of the pallet to produce a dustproof or a waterproof pallet.

Can hold film widths between 1200 and 1600 mm.

Attention!
Waterproofing will decrease the capacity.

220617 - Top film lift for ITF



The top film loader helps to load the top film rollers into the ITF in a safe and easy way..

220235 - Lifting trolley



The lifting trolley helps to load the stretch film rollers into the CTR 2000 in a safe and easy way..

xxxxxx - Frequency control of 1-5 conveyors or more

Frequency-control of 1-5 conveyors or more. Also contains forward/backward function for manual control of the conveyors.

220580 - Cutting by distance



Cuts the stretch film without touching the goods.

220584 - Cutting by distance when using ITF

Same as 220580 but for use when the machine is equipped with a ITF.

xxxxxx - Banderoll

Banderoll wrapping for use with film wider than 85 mm.

220977 - Net film



Option that makes it possible to run net films in the CTR 2000. Net films are often used where you have goods that needs to have good air flow through the

220266 - Battery charger kit



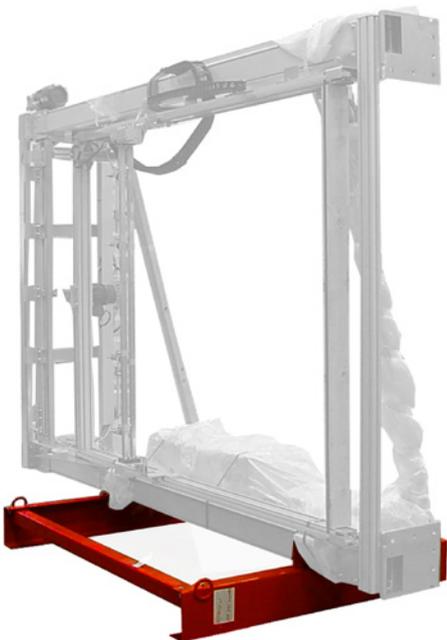
Charger kit containing one Zivan battery charger and 1 set (4 pcs) of Optima batteries.

220033 - Transport frame for CTR 2000



The transport frame is needed when transporting the CTR 2000. The cost for the frame will be refunded upon return to Cyklop Teknik.

220226 - Transport frame for ITF



The transport frame is needed when transporting the ITF. The cost for the frame will be refunded upon return to Cyklop Teknik.

