



AT 300 A



Top model of the range GG Machine for the Automatic series.

The machines of the series AT-A are built using our well known and tested ROBUSTNESS STRUCTURE MONO-BLOCK. Made entirely of heavy steel and suitable for spools of stretch film of a width up to 500 mm. The modular system with which they are designed and assembled allows to accomplish the specific requirements of the customer. The DOUBLE SPOOL solution makes it possible to achieve extremely high performances, projecting the AT-A series to levels of absolute excellence and consolidating GG Machine's position as global market leader in the industry. The use of material which reduces wear and spare parts caps the maintenance costs.

In the series AT – A the cycle is fully automatic.

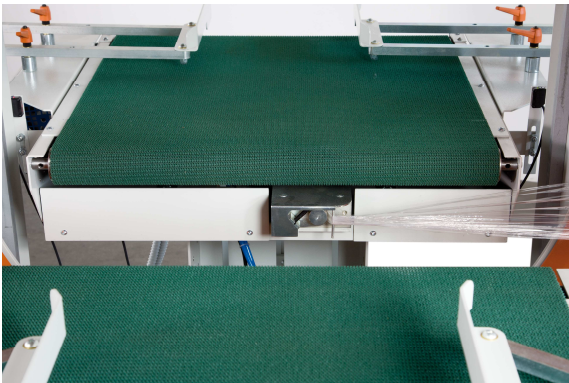
Their employment can happen with or without the aid of the operator and they can be insert in completely automatic lines.

CARATTERISTICHE TECNICHE / TECHNICAL FEATURES	
<i>Machine meeting CE safety standards (2006/42/CE)</i>	
MACCHINA / MACHINE	AT 300 A
Ring diameter (mm)	340 mm
Ring speed RPM order by Inverter	170 RPM (with film spool 125) 120 RPM (with film spool 250)
Rotation steel unit, high load capacity, driven by wheels which are dragged by belt	STD
Spool holder and gear roller with mechanical adjustable clutch	STD
Automatic unit of hooking, holding and cutting film	STD
Motorised Belt conveyors input and output length (mm)	650 mm (with film spool 125) 800 mm (with film spool 250)
Motorised Belt conveyors input and output width (mm)	250 mm
Belt conveyors height adjustable	STD
Conveyors speed (m/min) order by Inverter	Variable
Top pressures group Steel rollers coated in PVC Rollers diameter : 44 mm Rollers length : 320 mm	STD
Lateral side guides input and output	OPT
Power supply 220 V 1 Ph + PE	STD
Power supply 400 V 3 Ph + PE	OPT
Frequency (Hz)	50-60 Hz
Installed power (kW)	1,5 (with film spool 250) 1,5 (with film spool 125)
Max Absorption	6,5 A
Working pressure bar	6 bar
Compressed air consumption	10 NL/Cycle

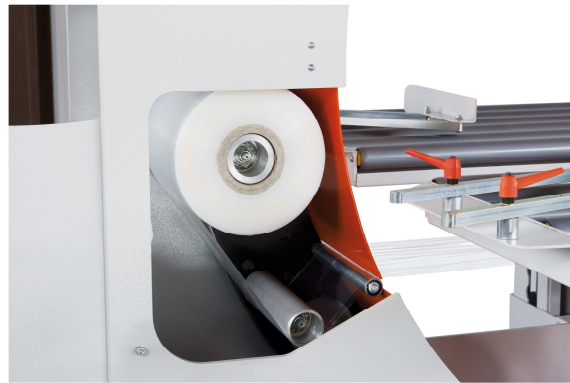
CONTROLLO / CONTROL	
PLC OMRON	STD
8 type of banding (follow table)	STD
Programmable Terminal with Display	STD
Ring speed variable in digital mode by touch panel	STD
Belt conveyors speed variable by touch panel	STD
Machine ready to be added to work cells or integrated lines	OPT
Automatically belt conveyors Re-start after every end cycle for a variable time	STD
Wrap cycle automatically start	STD
Touch Screen colour display Ability to create and store up to 10 working cycles different from each other	STD
CARATTERISTICHE BOBINA FILM / PROPERTIES FILM SPOOL	
Max external diameter (mm)	250 mm
Film width (mm)	125- 250 mm
Core diameter (mm)	76 mm
Film thickness (mm)	17-50 µm
Film colour	Trasparent or opaque



DISTINGUISHING MARKS



The automatic film hooking , cutting and holding unit allows the automation of the wrapping process.



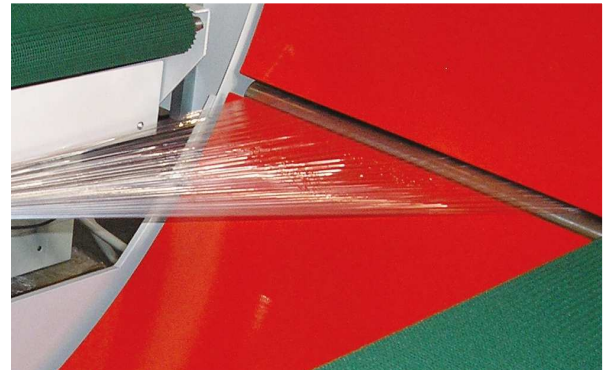
The spool holder and the gear roller have a mechanically adjustable clutch , which enables easily to regulate the tension of the stretch film through a tubular spanner 19.



The motorised conveyors are fixed directly on the central structure of the machine through two groups of support that allow the movement of heavy products.



Vertical pressure with free rollers in the input and Output pneumatically operated ensures a stable Position of the product during the wrapping.



The complete closure of the machine ensures the highest security level.



The functions are managed from the control panel with a colour touch screen , connected directly to the plc control , which manages all functions of the machine. The ability to store a list of recipes allows custom programming according to the packaging requirements of each product.



OPTIONALS



Mechanical pre-stretch of the film
Reduces the consumption of the stretch film
and it allows a better packaging at a lower cost.



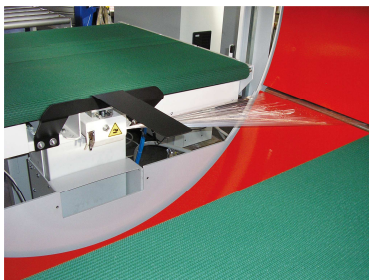
Unit of hooking and cutting of the film with
integrated END FILM WELDING. Ensures the
hooking, the cutting and the welding of the
film, with a perfect close fitting on the
product.



This is our exclusive system insert the
THREAD-PACKAGE OPENER that allows an
easy opening of the packing without the use
of a blade or other tools that could damage
the surface of the product.



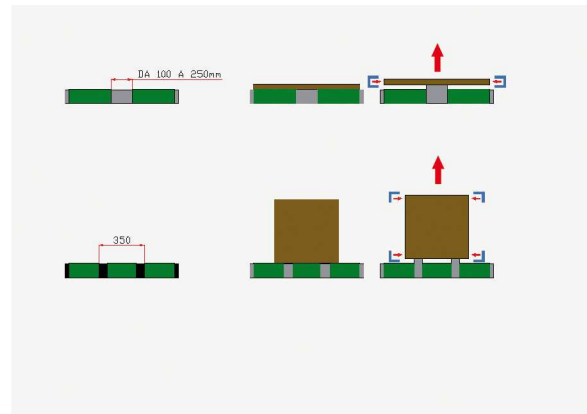
Pneumatic centralising unit. Centralises on the
conveyor automatically the product, of any
width. Device that finds his application for
products the wrapping of products width
different widths.



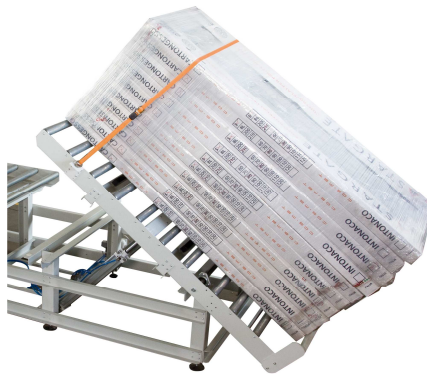
BRIDGE FOR SHORT PIECES
allows for wrapping products
with reduced lengths.



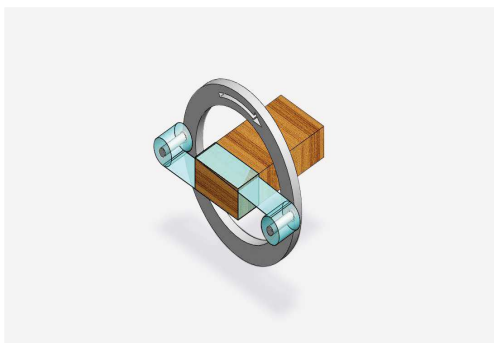
PRESENCE OF FILM signalises that the Stretch film is finished or broken .



PNEUMATIC ELEVATOR with single or double elevator bar. Lifts the product from the conveyors enables to apply the corner protections around the perimeter of the product .



FREE TILT ROLLER CONVEYOR system to load and upload the product vertically. Facilitates the positioning of bulky products.



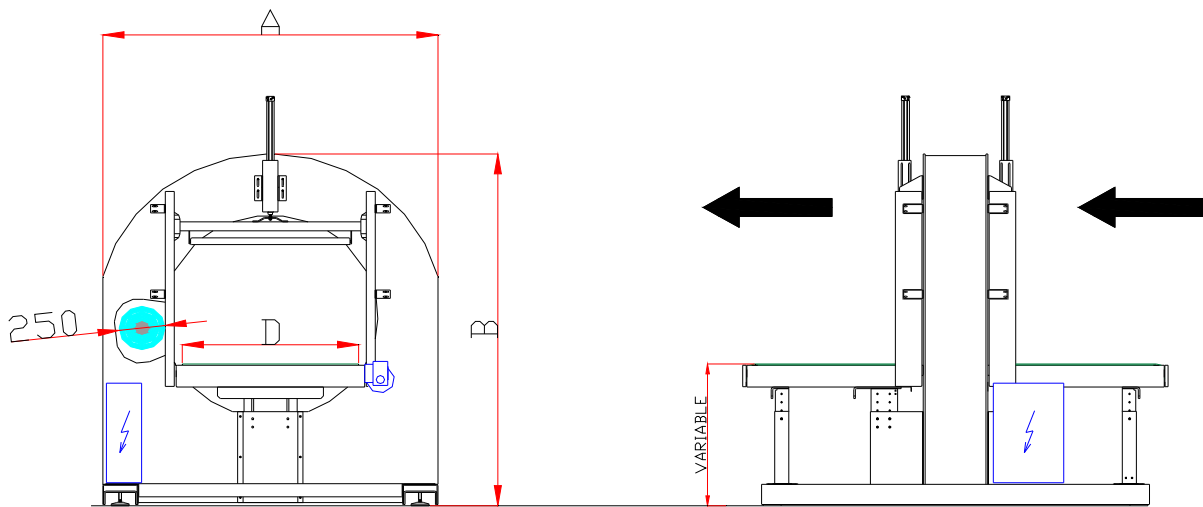
DOUBLE SPOOL . This optional accessory makes it possible to achieve high production capacity.



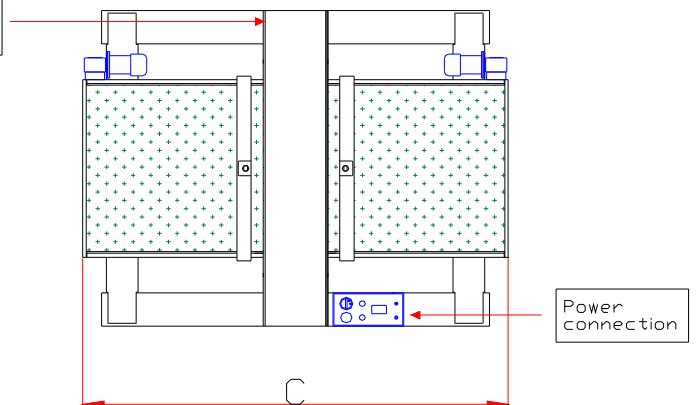
8) WORKING MODES <i>Automatic (type "A") packaging machine</i> <i>Different wrapping types and relevant programs</i>		
Program type Program no. Start	Description	and wrapping layout
Automatic 1 Belt start control	Joined head and end wrappings	
Automatic 2 Belt start control	Separate multi-wrappings	
Automatic 3 Belt start control	Joined multi-wrappings	
Automatic 4 Belt start control	Separate head and end wrappings	
Automatic 5 Belt start control	Single wrapping	
Wrapper OFF 6 Belt start control	Belts only	
Semiautomatic 7 Belt start control	Operator's choice	Press pedal control ON Release pedal control OFF
Semiautomatic 8 Belt start control	Operator's choice	Press and release pedal control ON Press and release pedal control OFF



COMPONENT LIST	
ELECTRONIC	
PLC	Brand OMRON - Japan
INVERTER	Brand YASKAWA - Japan
SECURITY RELÉ	Brand OMRON - Japan
TOUCH SCREEN	Brand OMRON - Japan
PNEUMATIC	
PISTON	Brand UNIVER o AIRTAK Italy
MOTORS	
RING MOTOR	Brand MGM - Italy
CONVEYOR MOTORS	Brand CANTONI o TECHTOP - Italy
OTHER COMPONENTS	
Mechanical components	made by GG MACCHINE Italy
Structural components	built under our drawings



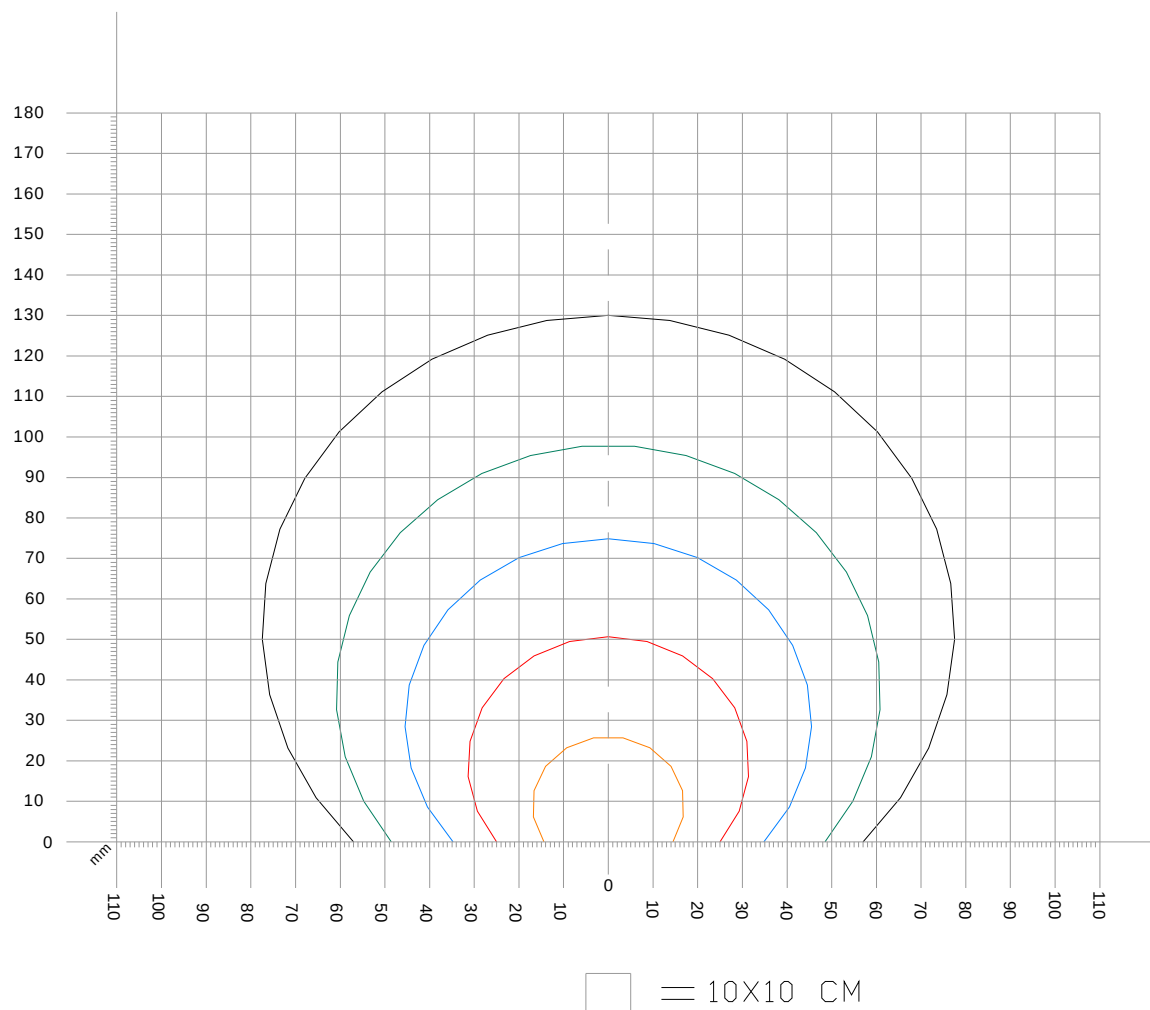
Airconnection
Tube 8mm
6 bar





SIZE DIMENSIONS MACHINE						
MODEL	Film H	A mm	B mm	C mm	D mm	Weight kg
AT 300 A	125 mm 250 mm	1000 mm 1000 mm	1530 mm 1530 mm	1280 mm 1420 mm	250mm	350 Kg 450 Kg
AT 600 A	125 mm 250 mm	1350 mm 1350 mm	1720 mm 1720 mm	1600 mm 1720 mm	400mm	450 Kg 600 Kg
AT 900 A	125 mm 250 mm 500 mm	1525 mm 1525 mm 1525 mm	1830 mm 1830 mm 1830 mm	1600 mm 1720 mm 2080 mm	650mm	600 Kg 750 Kg 900 Kg
AT 1200 A	125 mm 250 mm 500 mm	1900 mm 1900 mm 1900 mm	2180 mm 2180 mm 2180 mm	2260 mm 2400 mm 2750 mm	1000mm	800 Kg 1000 Kg 1200 Kg
AT 1600 A	125 mm 250 mm 500 mm	2260 mm 2260 mm 2260 mm	2450 mm 2450 mm 2450 mm	2260 mm 2400 mm 2750 mm	1240mm	1000 Kg 1200 Kg 1400 Kg

WORKING DIMENSIONS



AT 300
DIAMETRO DI PASSAGGIO - DIAMETER FOR PASSING 340 mm

AT 600
DIAMETRO DI PASSAGGIO - DIAMETER FOR PASSING 630 mm

AT 900
DIAMETRO DI PASSAGGIO - DIAMETER FOR PASSING 910 mm

AT 1200
DIAMETRO DI PASSAGGIO - DIAMETER FOR PASSING 1220 mm

AT 1500
DIAMETRO DI PASSAGGIO - DIAMETER FOR PASSING 1550 mm