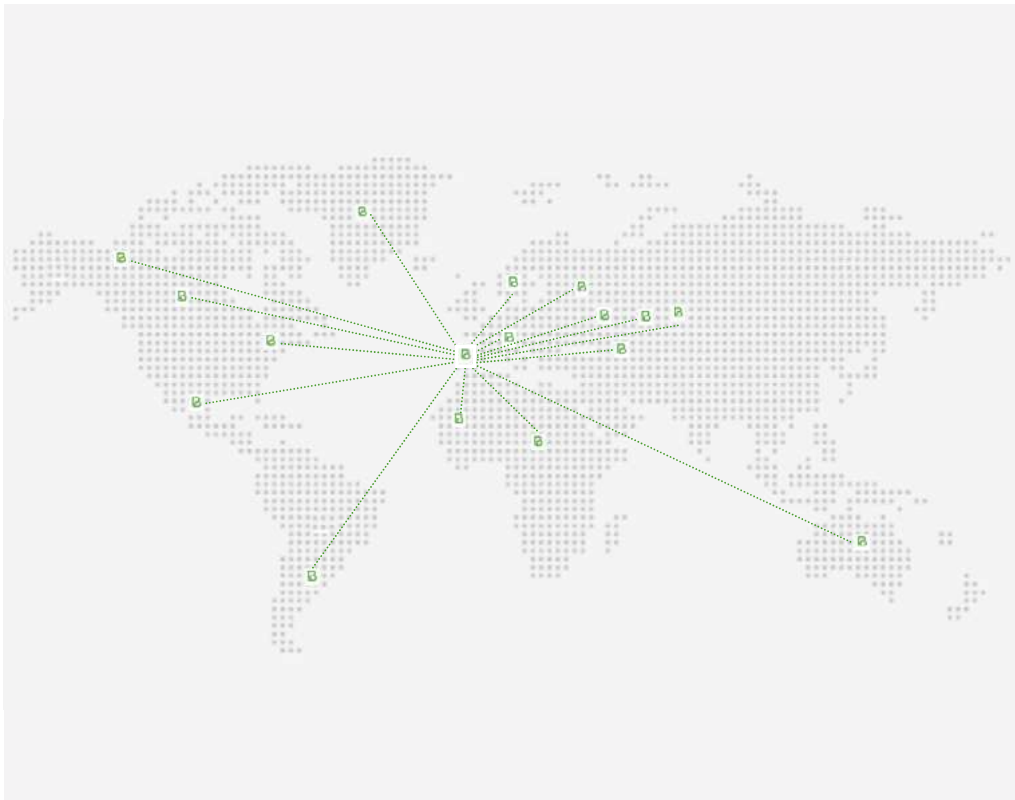


Orbital Wrappers 4.0



We manufacture the most technologically advanced, versatile, safe and customizable orbital wrapping machines.

Orbital wrappers group and protect your products from dirt, dust and moisture, keeping them intact during transport and storage.



PLASTICBAND®
Customized Strapping & Wrapping

COMPANY

In 1978 a company idea was born that, even by then, was already a different concept, its founders two young engineers, had the vision to develop different, light and ecological plastic strapping.

Globalization and the increase of competitiveness among companies impelled to these two entrepreneurs to design, later, machinery for packaging. In 1983 Plasticband manufactures the first table **strapping machines**, innovates being the first to offer customers customized printed strapping and exports starts. In 1989, **orbital wrapping** machines are developed and launched.

Generation 4.0 - Orbital wrappers Neleo



The design of our products constantly seeks to improve the logistics safety of our customers. Through packaging we manage to reduce accidents and to increase speed, economy and comfort.

During these 40 years, we have learned that perseverance and, above all, wanting to do things well is the way to continuous improvement. To achieve this, it is also necessary to maintain the alliance between innovation and the human team.



PRODUCTION

Thanks to our Lean Manufacturing systems we are able to manufacture your machine to measure with a short delivery time.

Ergonomically designed equipment that takes up little space, with modern aesthetic that incorporates the latest developments in programming and the right accessories to offer our customers a high productivity, increase safety in logistics and make life easier for users.

Our know-how and applied technology allow us to manufacture the most suitable machinery and consumable for every need.

Our commitment is that you can enjoy the Plasticband wrapper for many years. Our technicians are trained to take care of your machine from installation to maintenance so that it is always as good as new.

This catalogue is intended to design together the ideal machine for your business.



Orbital wrapper designed to wrap quickly with the help of a single operator.

NELEO®

by Plasticband

SEMI-AUTOMATIC ORBITAL WRAPPER

NELEO 50

Aluminium profiles, blinds, mosquito nets, wood mouldings, wooden strip, flooring.

NELEO 90

Furniture kit, doors, kitchens, shelves, fabric rolls and boxes.

NELEO 125

Furniture, doors, moduls, cabinets, windows and boxes.

NELEO 160

Insulating panels, mattresses, boards, cabinets, windows and boats.

NELEO 200

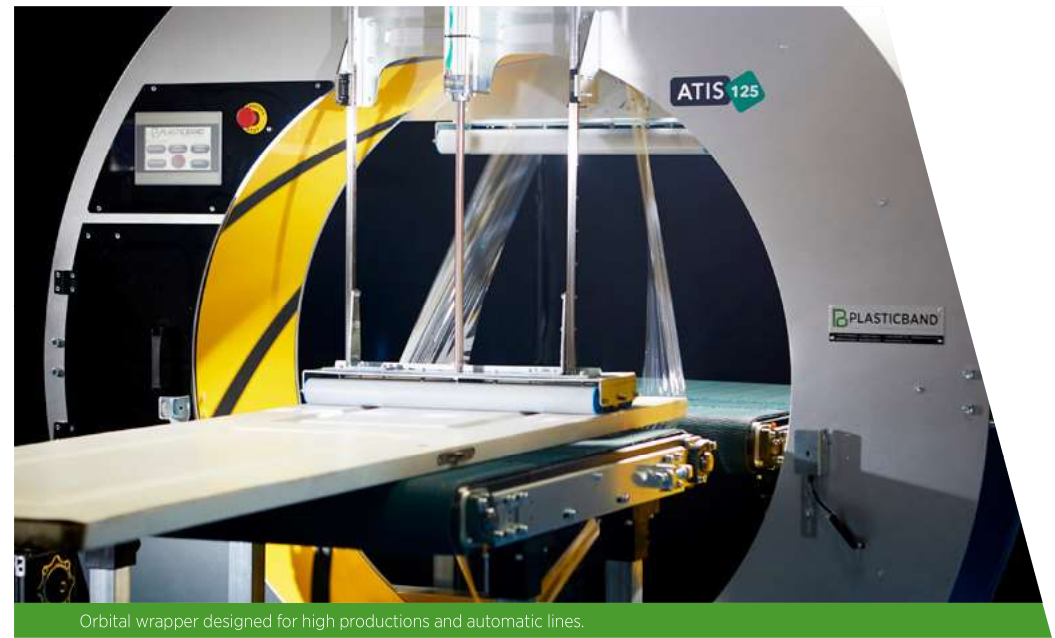
Frames, palletized loads, sandwich panels, metal panels and bulky products.

NELEO 250

Palletized loads and bulky products.



The original ones with two reels



Orbital wrapper designed for high productions and automatic lines.

ATIS®

by Plasticband

AUTOMATIC ORBITAL WRAPPER

ATIS 50

Aluminium profiles, blinds, mosquito nets, wood mouldings, wooden strip, flooring.

ATIS 90

Furniture kit, doors, kitchens, shelves, fabric rolls and boxes.

ATIS 125

Furniture, doors, moduls, cabinets, windows and boxes.

ATIS 160

Insulating panels, mattresses, boards, cabinets, windows and boats.

ATIS 200

Frames, palletized loads, sandwich panels, metal panels and bulky products.

ATIS 250

Palletized loads and bulky products.



The original ones with two reels

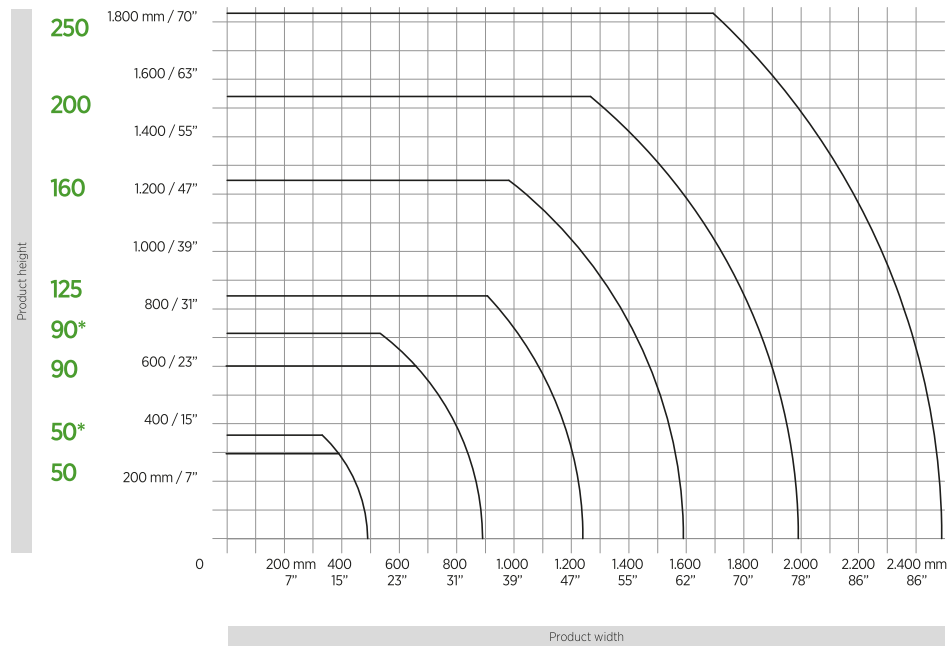
Product to wrap sizes



NELEO®

by Plasticband

Product to wrap sizes



*Only for configuration without cutting System

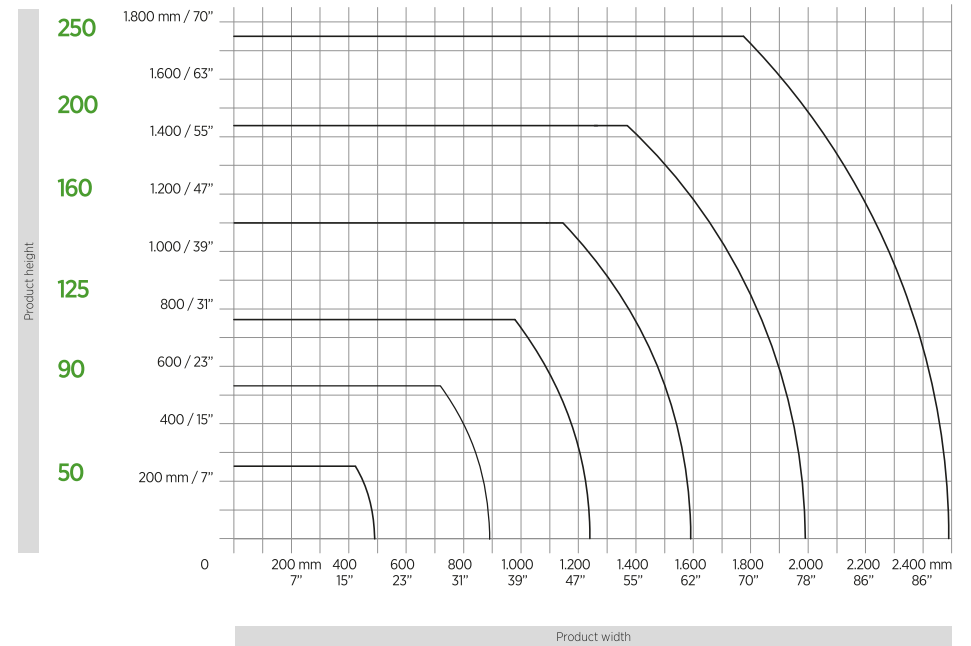
Product to wrap sizes



ATIS®

by Plasticband

Product to wrap sizes



Technical specifications

NELEO® 50

by Plasticband

Aluminium profiles, blinds, mosquito nets, wood mouldings, wooden strip, flooring.



Double film reel dispenser head



Adjustable stretchfilm tension



Ring protection



Safety footswitch



Variable ring speed



Program selection



Product to wrap sizes:

Maximum / minimum length	No limit / 250 mm or 150 mm with short products bridge
Width and height	Check with graphic

Electrical equipment:

Power	230V. I
Engine	0,4 Kw
Manoeuvre	24 c.c.
Power consumption	0,26 Kw
Ring rotation speed	5 to 150 rpm
Speed inverter	Omron
PLC	Omron
Pneumatic pressure	6 bars (for configuration with cutting system)
Compressed air consumption	3 liters / cycle (for configuration with cutting system)

Stretchfilm reel specifications:

Width	100 mm
Thickness	17, 20, 23 or 30 microns
ø external / internal	200 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Double automatic film cutter



Table with rollers



Short products bridge



Wheels with brake



Side rollers "V" shape



Top press

Technical specifications

NELEO® 90

by Plasticband

Furniture kit, doors, kitchens, shelves, fabric rolls and boxes.



Double film reel dispenser head



Adjustable stretchfilm tension



Ring protection



Safety footswitch



Variable ring speed



Program selection



Product to wrap sizes:

Maximum / minimum length	No limit / 350 mm ø 250 mm with short products bridge
Width and height	Check with graphic

Electrical equipment:

Power	230V. I
Engine	0,75 Kw
Manoeuvre	24 c.c.
Power consumption	0,31 Kw
Ring rotation speed	5 to 90 rpm
Speed inverter	Omron
PLC	Omron
Pneumatic pressure	6 bars (for configuration with cutting system)
Compressed air consumption	5 liters / cycle (for configuration with cutting system)

Stretchfilm reel specifications:

Width	166 ø 100 mm
Thickness	17, 20, 23 or 30 microns
ø external / internal	200 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Double automatic film cutter



Table with rollers



Short products bridge



Wheels with brake



Side rollers "V" shape



Top press

Technical specifications subjected to changes without notice

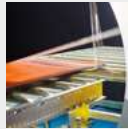
Technical specifications subjected to changes without notice

Technical specifications

NELEO® 125

by Plasticband

Furniture, doors, moduls, cabinets, windows and boxes.



Double film reel dispenser head



Adjustable stretchfilm tension



Ring protection



Safety footswitch



Control panel



Product to wrap sizes:

Maximum / minimum length	No limit / 600 mm or 400 mm with short products bridge
Width and height	Check with graphic

Electrical equipment:

Power	400V III + N
Engine	1,5 Kw
Manoeuvre	24V c.c.
Power consumption	0,48 Kw
Ring rotation speed	5 to 65 rpm (for configuration with cutting system)
Speed inverter	Omron (for configuration with cutting system)
PLC	Omron (for configuration with cutting system)
Pneumatic pressure	6 bars (for configuration with cutting system)
Compressed air consumption	24 liters / cycle (for configuration with cutting system)

Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	20, 23 or 30 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Double automatic film cutter



Touch screen parameters control



Roller conveyors



Short products bridge

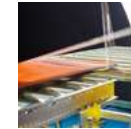
Technical specifications subjected to changes without notice

Technical specifications

NELEO® 160

by Plasticband

Insulating panels, mattresses, boards, cabinets, windows and boats.



Double film reel dispenser head



Adjustable stretchfilm tension



Ring protection



Safety footswitch



Control panel



Product to wrap sizes:

Maximum / minimum length	No limit / 600 mm or 400 mm with short products bridge
Width and height	Check with graphic

Electrical equipment:

Power	400V III + N
Engine	1,5 Kw
Manoeuvre	24V c.c.
Power consumption	0,52 Kw
Ring rotation speed	5 to 50 rpm (for configuration with cutting system)
Speed inverter	Omron (for configuration with cutting system)
PLC	Omron (for configuration with cutting system)
Pneumatic pressure	6 bars (for configuration with cutting system)
Compressed air consumption	24 liters / cycle (for configuration with cutting system)

Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	20, 23 or 30 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Double automatic film cutter



Touch screen parameters control



Roller conveyors



Short products bridge

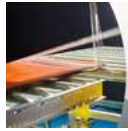
Technical specifications subjected to changes without notice

Technical specifications

NELEO® 200

by Plasticband

Frames, palletized loads, sandwich panels, metal panels and bulky products.



Double film reel dispenser head



Adjustable stretchfilm tension



Ring protection



Safety footswitch



Control panel

Product to wrap sizes:

Maximum / minimum length	No limit / 600 mm or 400 mm with short products bridge
Width and height	Check with graphic

Electrical equipment:

Power	400V III + N
Engine	1,5 Kw
Manoeuvre	24V c.c.
Power consumption	0,55 Kw
Ring rotation speed	5 to 55 rpm (for configuration with speed inverter)
Speed inverter	Omron (for configuration with cutting system)
PLC	Omron (according to the configuration)
Pneumatic pressure	6 bars (for configuration with cutting system)
Compressed air consumption	24 liters / cycle (for configuration with cutting system)

Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	23, 30 or 35 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



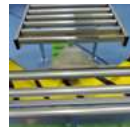
Double automatic film cutter



Touch screen parameters control



Roller conveyors



Short products bridge



Bubblewrap reel dispenser

Technical specifications subjected to changes without notice

Technical specifications

NELEO® 250

by Plasticband

Palletized loads and bulky products.



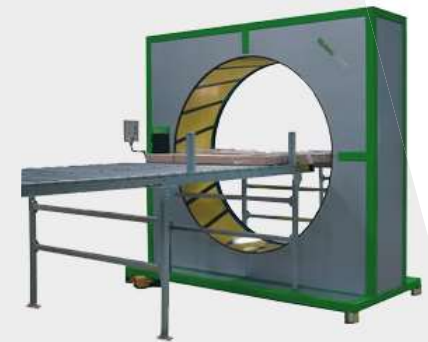
Double film reel dispenser head



Adjustable stretchfilm tension



Ring protection



Safety footswitch



Control panel

Product to wrap sizes:

Maximum / minimum length	No limit / 600 mm or 400 mm with short products bridge
Width and height	Check with graphic

Electrical equipment:

Power	400V III + N
Engine	1,5 Kw
Manoeuvre	24V c.c.
Power consumption	0,58 Kw
Ring rotation speed	5 to 45 rpm (for configuration with speed inverter)
Speed inverter	Omron (for configuration with cutting system)
PLC	Omron (according to the configuration)
Pneumatic pressure	6 bars (for configuration with cutting system)
Compressed air consumption	24 liters / cycle (for configuration with cutting system)

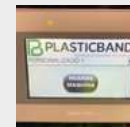
Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	23, 30 or 35 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Double automatic film cutter



Touch screen parameters control



Roller conveyors



Short products bridge



Bubblewrap reel dispenser

Technical specifications subjected to changes without notice

Technical specifications

ATIS® 50

by Plasticband

Aluminium profiles, blinds, mosquito nets, wood mouldings, wooden strip, flooring.



Double film reel dispenser head



Adjustable stretch film tension



Double automatic film cutter



Ring protection



Touch screen parameters control



Adjustable ring speed



Product to wrap sizes:

Maximum / minimum length	Unlimited / 500 mm
Other sizes	Check with graphic
Minimum sizes	50 x 50 x 500 mm. (L)

Electrical equipment:

Engine	1,25 Kw
Power supply	230 V l.
Manoeuvre	24V c.c.
Power consumption	0,64 Kw
Ring rotation speed	From 5 to 180 rpm
Speed inverters	Omron
Programmable PLC	Omron
Pneumatic pressure	6 bars
Compressed air consumption	6 liters / cycle

Stretchfilm reel specifications:

Width	100 mm
Thickness	17, 23 or 30 microns
ø external / internal	200 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Top presses



Side rollers



Roller conveyors



90° Infeed / Outfeed conveyor



End of reel warning

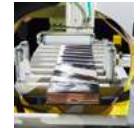
Technical specifications subjected to changes without notice

Technical specifications

ATIS® 90

by Plasticband

Furniture kit, doors, kitchens, shelves, fabric rolls and boxes.



Double film reel dispenser head



Adjustable stretch film tension



Double automatic film cutter



Ring protection



Touch screen parameters control



Adjustable ring speed



Product to wrap sizes:

Maximum / minimum length	Unlimited / 500 mm
Other sizes	Check with graphic
Minimum sizes	200 x 200 x 500 mm. (L)

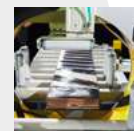
Electrical equipment:

Engine	1,5 Kw
Power supply	230 V l.
Manoeuvre	24V c.c.
Power consumption	0,97 Kw
Ring rotation speed	From 5 to 100 rpm
Speed inverters	Omron
Programmable PLC	Omron
Pneumatic pressure	6 bars
Compressed air consumption	12 liters / cycle

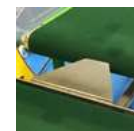
Stretchfilm reel specifications:

Width	166 or 100 mm
Thickness	17, 23 or 30 microns
ø external / internal	200 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Top presses



Short products bridge



Roller conveyors



End of reel warning



Safety fences

Technical specifications subjected to changes without notice

Technical specifications

ATIS® 125

by Plasticband

Furniture, doors, moduls, cabinets, windows and boxes.



Double film reel dispenser head



Adjustable stretchfilm tension



Double automatic film cutter



Ring protection



Touch screen parameters control



Product to wrap sizes:

Maximum / minimum length	Unlimited / 600 mm (400mm with short products bridge)
Other sizes	Check with graphic
Minimum sizes	300 x 300 x 600 mm. (L)

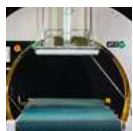
Electrical equipment:

Engine	3 Kw
Power supply	400V III + N
Manoeuvre	24V c.c.
Power consumption	1,61 Kw
Ring rotation speed	From 5 to 80 rpm
Speed inverters	Omron
Programmable PLC	Omron
Pneumatic pressure	6 bars
Compressed air consumption	38 liters / cycle

Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	23, 30, 35 or 50 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

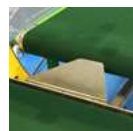
Customize your machine with:



Top presses



Driven rollers conveyors



Short products bridge



Bubblewrap Auto. dispenser



Auto. blocks dispenser



Safety fences

Technical specifications subjected to changes without notice

Technical specifications

ATIS® 160

by Plasticband

Insulating panels, mattresses, boards, cabinets, windows and boats.



Double film reel dispenser head



Adjustable stretchfilm tension



Double automatic film cutter



Ring protection



Touch screen parameters control



Product to wrap sizes:

Maximum / minimum length	Unlimited / 600 mm (400mm with short products bridge)
Other sizes	Check with graphic
Minimum sizes	360 x 360 x 600 mm. (L)

Electrical equipment:

Engine	3 Kw
Power supply	400V III + N
Manoeuvre	24V c.c.
Power consumption	1,63 Kw
Ring rotation speed	From 5 to 60 rpm
Speed inverters	Omron
Programmable PLC	Omron
Pneumatic pressure	6 bars
Compressed air consumption	45 liters / cycle

Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	23, 30, 35 or 50 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Top presses



Driven rollers conveyors



Short products bridge



Bubblewrap Auto. dispenser



Auto. blocks dispenser



Safety fences

Technical specifications subjected to changes without notice

Technical specifications

ATIS® 200

by Plasticband

Frames, palletized loads, sandwich panels, metal panels and bulky products.



Double film reel dispenser head



Adjustable stretchfilm tension



Double automatic film cutter



Ring protection



Touch screen parameters control

Product to wrap sizes:

Maximum / minimum length	Unlimited / 600 mm (400mm with short products bridge)
Other sizes	Check with graphic
Minimum sizes	400 x 400 x 600 mm. (L)

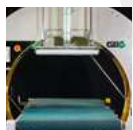
Electrical equipment:

Engine	3 Kw
Power supply	400V III + N
Manoeuvre	24V c.c.
Power consumption	1,66 Kw
Ring rotation speed	From 5 to 55 rpm
Speed inverters	Omron
Programmable PLC	Omron
Pneumatic pressure	6 bars
Compressed air consumption	45 liters / cycle

Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	23, 30, 35 or 50 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Top presses



Driven rollers conveyors



Short products bridge



Bubblewrap Auto. dispenser



Auto. blocks dispenser



Safety fences

Technical specifications subjected to changes without notice

Technical specifications

ATIS® 250

by Plasticband

Palletized loads and bulky products.



Double film reel dispenser head



Adjustable stretchfilm tension



Double automatic film cutter



Ring protection



Touch screen parameters control

Product to wrap sizes:

Maximum / minimum length	Unlimited / 600 mm (400mm with short products bridge)
Other sizes	Check with graphic
Minimum sizes	600 x 600 x 600 mm. (L)

Electrical equipment:

Engine	3 Kw
Power supply	400V III + N
Manoeuvre	24V c.c.
Power consumption	1,69 Kw
Ring rotation speed	From 5 to 45 rpm
Speed inverters	Omron
Programmable PLC	Omron
Pneumatic pressure	6 bars
Compressed air consumption	45 liters / cycle

Stretchfilm reel specifications:

Width	250, 166 or 100 mm
Thickness	23, 30, 35 or 50 microns
ø external / internal	230 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Top presses



Driven rollers conveyors



Short products bridge



Bubblewrap Auto. dispenser



Auto. blocks dispenser



Safety fences

Technical specifications subjected to changes without notice



Automatic and semiautomatic wrapping machine designed to wrap around the product.

ARTEMIS®

by Plasticband

SEMI-AUTOMATIC AND AUTOMATIC ORBITAL WRAPPER

ARTEMIS 50

Frames, windows without glass, rolls of hose, rolls of wire, rings and tyres.

ARTEMIS 90

Rolls of wire, tubes, hoops and tyres.

In the packaging operation, in addition to save time, your product will be fully protected with the stretchfilm. With the Artemis 90 model you have the opportunity to reduce costs and improve packaging times.



Technical specifications

ARTEMIS® 50

by Plasticband

Frames, windows without glass, rolls of hose, rolls of wire, rings and tyres.



Double film reel dispenser head



Ring protection



Safety footswitch



Adjustable ring speed



Adjustable stretchfilm tension



Product to wrap sizes:

ø Minimum inner	290 mm
ø Minimum / Maximum outer	375 / 950 mm
□ Minimum inner	245 x 245 mm
□ Maximum outer	345 x 345 mm
Maximum thickness	225 mm
Minimum / Maximum weight	5 / 25 kg

Electrical equipment:

Power supply	230V. I
Motor	0,36 Kw
Manoeuvre	24V c.c.
Power consumption	0,34 Kw
Ring rotation speed	From 5 to 50 rpm
Speed inverter	Omron
Automat / PLC	Omron
Pneumatic pressure	4 bars
Compressed air consumption	6 liters / cycle

Stretchfilm reel specifications:

Width	100 mm
Thickness	17, 20, 23 or 30 microns
ø external / internal	120 / 38 mm
Colour	Transparent / Opaque / Printed

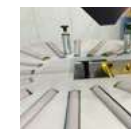
Customize your machine with:



Lateral guides



Double automatic film cutter



Driven rollers table



Multidirectional balls table



Wheels with brake

Technical specifications

ARTEMIS® 90

by Plasticband

Wrapping automatically rolls of wire, electrical cable, tube, hoops and tyres of big dimensions.



Double film reel dispenser head



Double automatic film cutter



Safety footswitch



Adjustable ring speed



Adjustable stretchfilm tension

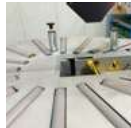


Table with driven rollers



Product to wrap sizes:

ø Minimum / Maximum inner	400 / 1490 mm
ø Minimum / Maximum outer	650 / 1790 mm
Minimum / Maximum thickness	100 / 410 mm
Minimum / Maximum weight	10 / 75 kg

Electrical equipment:

Power supply	230V. I
Engine	0,91 Kw
Manoeuvre	24V c.c.
Power consumption	0,62 Kw
Ring rotation speed	From 5 to 30 rpm
Speed inverter	Omron
Automat / PLC	Omron
Pneumatic pressure	4 bars
Compressed air consumption	7 liters / cycle

Stretchfilm reel specifications:

Width	100 mm
Thickness	17, 20, 23 or 30 microns
ø external / internal	120 / 38 mm
Colour	Transparent / Opaque / Printed

Customize your machine with:



Wheels with brake



Lateral guides

Economic Evaluation Summary



Annual Cost:	Current	Proposal	Current Difference	Units	Annual Difference
Cost Packing Material					
Product A	_____ €	_____ €	_____ €	_____/u	_____ €
Product B	_____ €	_____ €	_____ €	_____/u	_____ €
Product C	_____ €	_____ €	_____ €	_____/u	_____ €

Labour Cost Product To Pack					
Product A	_____ €	_____ €	_____ €	_____/u	_____ €
Product B	_____ €	_____ €	_____ €	_____/u	_____ €
Product C	_____ €	_____ €	_____ €	_____/u	_____ €

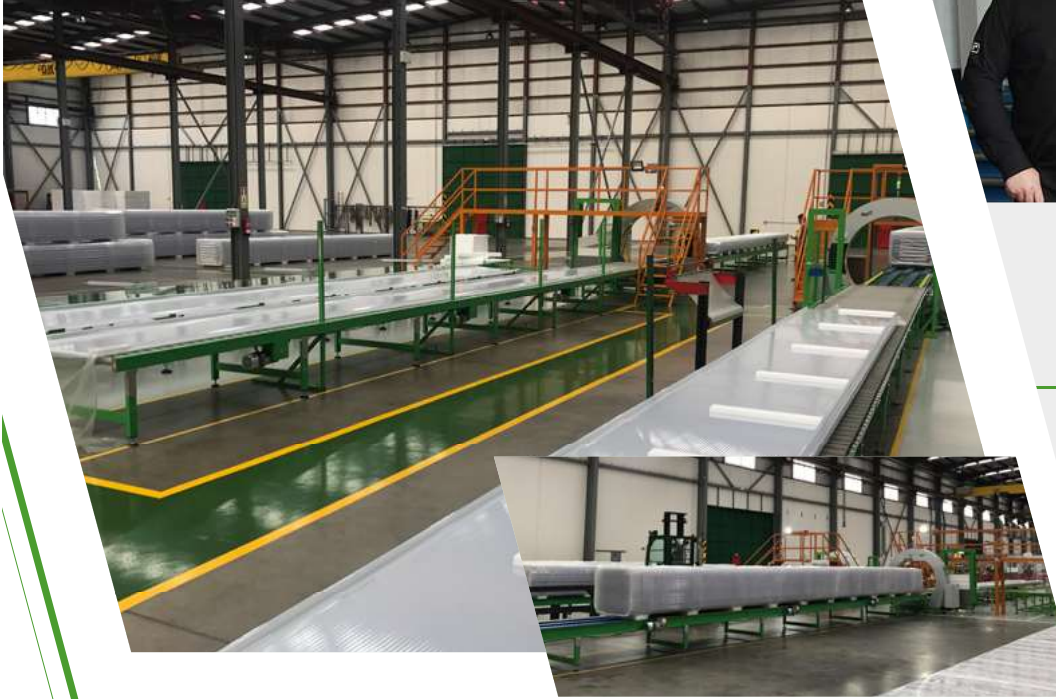
Other Costs (energy, maintenance ...)					
Product A	_____ €	_____ €	_____ €	_____/u	_____ €
Product B	_____ €	_____ €	_____ €	_____/u	_____ €
Product C	_____ €	_____ €	_____ €	_____/u	_____ €
Total:	_____ €	_____ €	_____ €	_____/u	_____ €

1. Annual difference	_____ €
2. Equipment value &/or proposed installation	_____ €
3. Annual amortization approximate (point 2 divided x 10 years)	_____ €
4. Annual saving (point 1 minus point 3)	_____ €
5. Time return investment ROI (point 2 divided by point 4)	_____ years

Calculation of the difference during the usefull life

Annual Difference	x	Usefull Life	=	Difference usefull life
_____ €		_____ years		_____ €

Customized installations



WHY WORK WITH US



PERSONALIZED ADVICE

We have commercial team and official partners around the world, prepared to study your packaging process and offer you the equipment you need.



CUSTOMIZED DESIGN AND MANUFACTURE

Our technical office designs and quickly synchronizes with the factory to meet demands in a short period of time.



TIMELY DELIVERIES

An advanced internal logistics allows us to deliver you order promptly.



COMMISSIONING AND TRAINING

Our professionals will start up your strapping machine, wrapping machine or complete packaging line, and they will also train your operators to maximise the performance of the Plasticband equipment.



TECHNICAL SERVICE

Our technical service will help you to ensure that your installation always work as the first day.



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t. +34 938 495 722 · info@plasticband.com
www.plasticband.com



**THANKS TO OUR LOCATION WE CAN SERVE
YOU QUICKLY, WHEREVER YOU ARE.**

