

# OMS GROUP



Horizontal



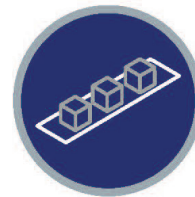
Stretch Hooding



Thermo Shrinking



Stretch Wrapping



Packaging Lines

Packaging is one of the most important parts of glass manufacturing. It needs to protect the items perfectly during transport and handling both at the glassworks as well as on arrival at the filling companies. OMS gives us an overview of its products, designed to interface with the customer networks in accordance with the Industry 4.0 protocols.

OMS Group is a global leader in end-of-line packaging of palletized products for all market sectors. Established in 1949, OMS has a long tradition in designing and manufacturing strapping, wrapping and hooding systems.

In addition to its Italian headquarters, the Group also has in 12 subsidiaries based in Italy, Europe, North and South America, Asia and Oceania.

## RESPONDING TO TODAY'S MARKET DEMANDS – WITH EXPERIENCE, RELIABILITY AND FLEXIBILITY

Reliability, experience and flexibility are three important aspects that enable OMS to respond to today's market demands, from the simplest strapping machine up to the most sophisticated packaging plant, as well as complete packaging lines into the hollow glass market.

All this has been made possible thanks to the OMS' many years' experience in this market, along with a vast number of tailor-made solutions specifically studied for its customers.

## MOVING INTO THE FUTURE

With a constant attention to new technologies and market demands, all OMS models are designed to interface with the customer networks in accordance with the Industry 4.0 protocols.

Operation and production data acquisition devices, according to the horizontal, vertical integration and cloud criteria, provide all the necessary data to verify and monitor the entire system as well as collect production data.

In order to stay ahead of times, OMS is living a new phase of transformation to elevate its current position in the market to an even more global industrial reality.

These important results have to be credited to the third generation of businessmen who have continued to be involved closely with the market, with a vision of a future characterized by innovation and continuous improvement.

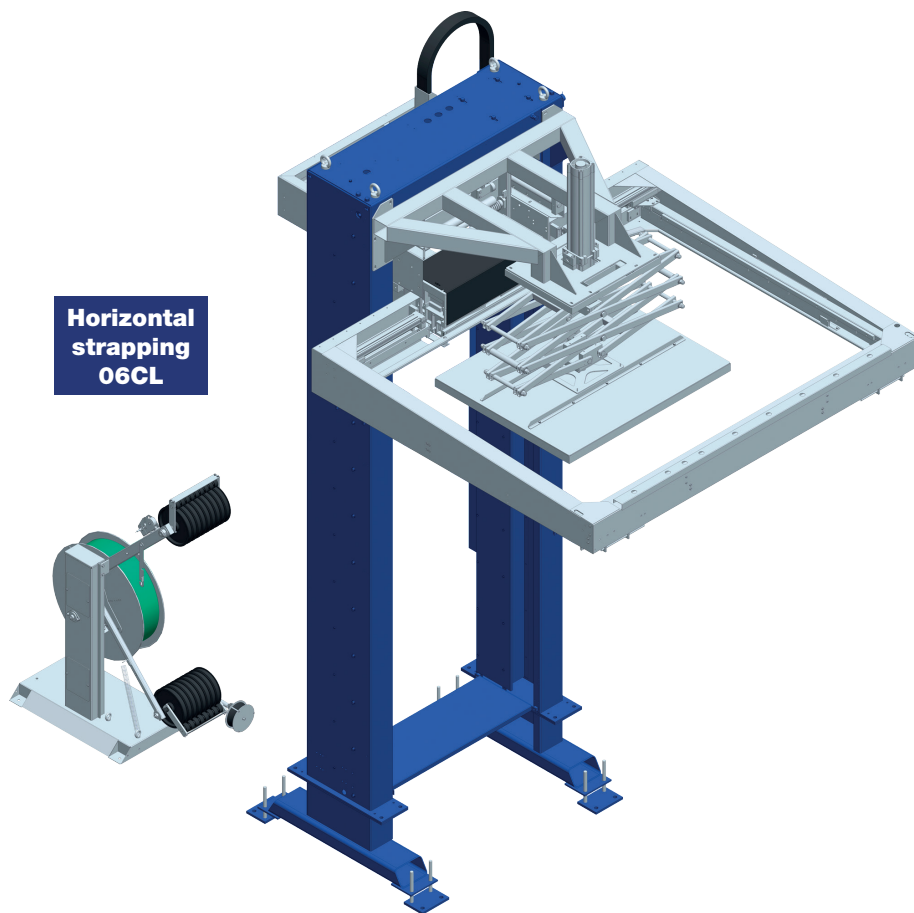
## MAIN PRODUCT RANGE

### Horizontal strapping 06CL

The 06CL horizontal strapping machine allows completely automatic packaging of packs. One or more strapping operations using polyester or heat-sealed polypropylene strap can be carried out.

The machine is developed with all devices to automatically carry out all strap feeding, centring, recovery, welding and cutting operations, and is equipped with a strap compensation and tensioning device in order to ensure uniformity on all sides of the pack.

The TR strapping head (OMS



**Horizontal  
strapping  
06CL**

patent), strap reel holders unit and the touchscreen control panel, ensure complete management, giving this machine ease of use, ensuring high-performance.

The pneumatic squaring-alignment device of the load fitted on the moving arch adjusting up to 350 N, and vertical presser, guarantee the stability of the product during the strapping phase.

The machine is designed to be inserted in fully automatic lines, where it exchanges signals with devices installed upstream and downstream, or can operate in total autonomy.

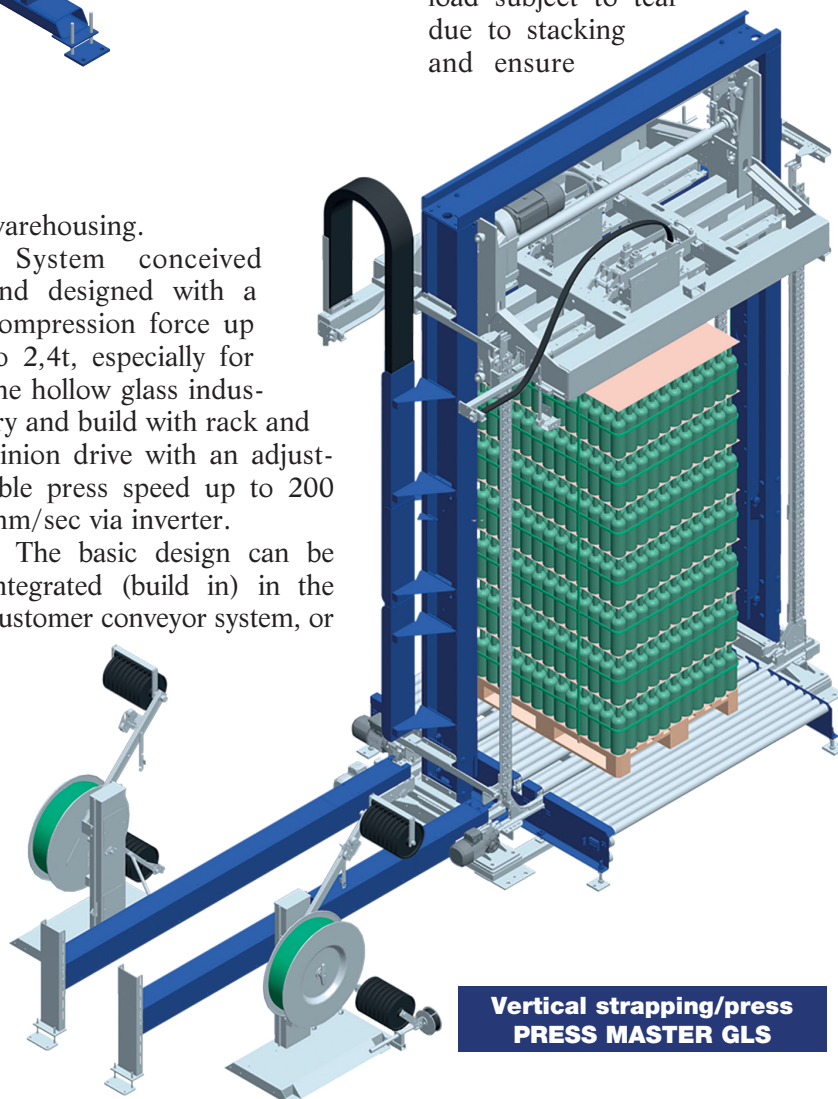
#### **PRESS MASTER GLS vertical strapping/press**

The vertical press/strapping machine model Press Master GLS automatically applies vertical straps to palletised product which needs to be kept together during transport, handling and

warehousing.

System conceived and designed with a compression force up to 2,4t, especially for the hollow glass industry and build with rack and pinion drive with an adjustable press speed up to 200 mm/sec via inverter.

The basic design can be integrated (build in) in the customer conveyor system, or



**Vertical strapping/press  
PRESS MASTER GLS**

equipped with OMS conveyors.

This machine allows to perform in a single cycle simultaneously vertical strap (according to the chosen configuration) with a polyester or polypropylene strap.

It can be added on to existing automatic lines where it exchanges input and output signals with the devices installed upstream and downstream the line.

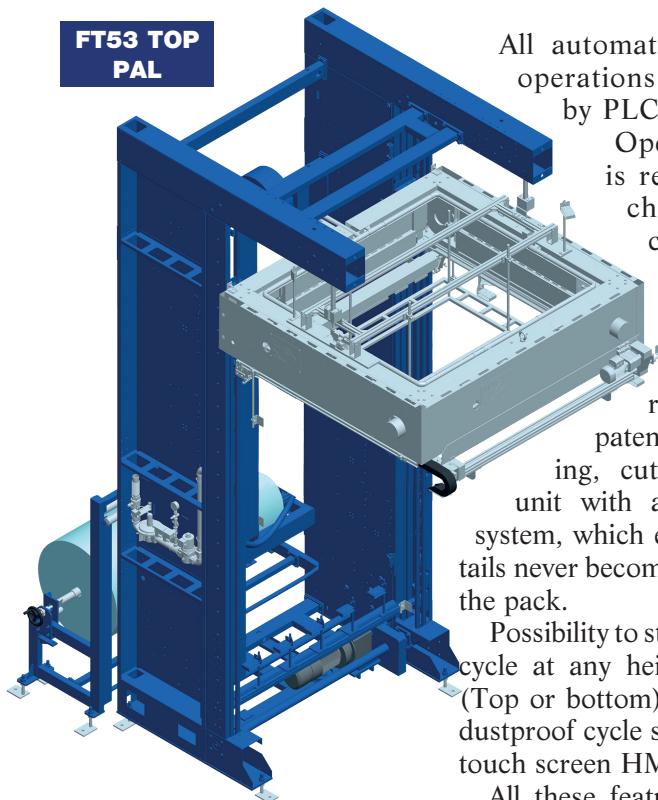
#### **FT53 TOP PAL**

This model is an automatic system to apply and thermo-shrink a sheet of plastic film on the top of a load.

This model satisfies the need to hermetically and mechanically protect the top of the load subject to tear due to stacking and ensure

## COLD-END EQUIPMENT

### FT53 TOP PAL



All automatic and manual operations are managed by PLC.

Operator presence is required only to change the film coil.

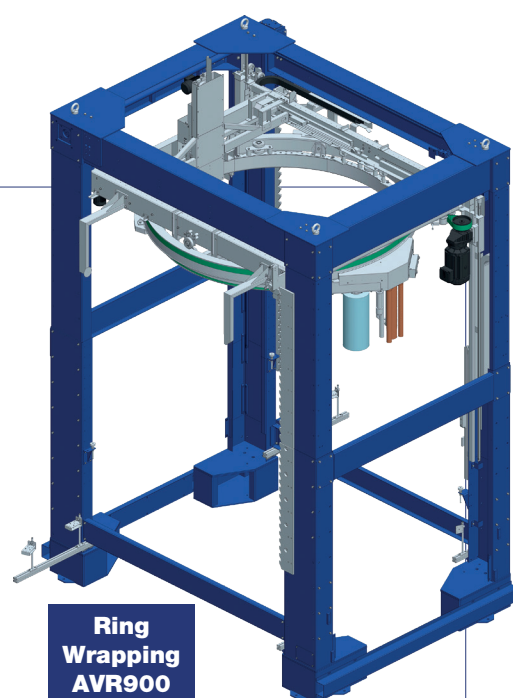
### Ring Wrapping AVR900

High-speed ring wrapper with patented film clamping, cutting and fixing unit with a 'Tuck Under' system, which ensures that film tails never become detached from the pack.

Possibility to start the wrapping cycle at any height of the load (Top or bottom). Waterproof or dustproof cycle selected from the touch screen HMI.

All these features ensure stable loads with minimal film consumption.

Advertising band applier, top sheet dispenser and double film carriage available (as optional). ■



### Ring Wrapping AVR900

**OMS**  
GROUP

### OMS GROUP

Via Borgomanero, 44  
28040 Paruzzaro (NO) - Italy  
Tel.: +39-0322-541411  
Fax: +39-0322-53157  
E-mail: oms@omsspa.com  
[www.omsspa.com](http://www.omsspa.com)

a better hermetic seal on the hood's welding.

The film is shrunk on the product by a ring-like gas oven and all use and maintenance automatic and manual functions are controlled by a PLC.

### Hooding machine AT53 GLS

The automatic hooding machine model AT53 GLS applies a hood of tubular stretch film to palletized product.

Its hot air generation system through linear gas burners is designed to work either with methane or propane gas (type approval number DG2217BL0557 issued by the German Gas Institute valid in all EU countries).

Hood preparation takes place on the back part of the machine, while hooding and thermo-shrinking take place on the front side.

The AT53 GLS machine is available with one, two or three coils of tubular film of the same, or different sizes.

### Hooding machine AT53 GLS

