

## OLYMPUS VAC



## MACHINE TECHNICAL DATA

Machine dimensions (mm, P/L/H)	1106 / 1055 / 1478
Charge plane height (mm)	902
Weight (kg)	300
Electrical supply (standard)	3x400 V+N+PE, 50/60 Hz
Power consumption (kW)	4
Required compressed air (bar)	6 / 8
Lubricated high vacuum pump (m <sup>3</sup> /h)	43 (standard) 63 (optional)
Max film reel width (mm)	370
Max film reel diameter (mm)	250
Maximum trays dimension (mm, #impressions x P/L/H)	1 x 400 / 310 / 140 2 x 190 / 310 / 140 3 x 120 / 310 / 140 4 x 184 / 145 / 140
Air consumption (NI/cycle)	12
Production capacity (cycles/min)	4/6

*This data refer to standard version.*

## MACHINE DESCRIPTION

- Machine manufactured in stainless steel Aisi 304, welded using stainless steel AISI 316.
- Tools manufactured in anodized aluminum (anti-corrosion).
- Tools with independent fused resistances and Teflon coated sealing plates.
- Separate blade on independent springs.
- Maximum standard tray height: 140mm
- Rotary table with 2 vacuum chambers: this allows the 1<sup>st</sup> chamber to be loaded and unloaded whilst the 2<sup>nd</sup> chamber is being closed and sealed thus avoiding time waste.
- Lubricated high Busch vacuum pump: 43 m<sup>3</sup>/h standard and mounted within the machine frame (optional 43 m<sup>3</sup>/h).
- **CP1LEM OMRON PLC**, USB port, 99 programs memory that allows for easy management of the different recipes: sealing only, partial or full vacuum, graduate vacuum and gas. It also permits to manage all the optional features and options available with the machine.
- Possibility of ADSL connection through integrated Ethernet port for a teleservice that permits to supervise in real time the machine state from anywhere, allowing prompt interventions and clearer communications with a consequent saving of costs owing to travel expenses and production standstill.  
Optional: possibility of modem connection with sim card.
- **7" color OMRON TOUCH SCREEN** for a simplified program visualization and management, history chronology visualization and storage of all machines alarms.
- Visual alarm display and incorporated diagnostic page.
- Vacuum-gas (MAP) values controlled via the digital vacuum controller within the PLC.
- Vacuum and gas managing through sensor or time.
- Temperature controller with PID control system and PT100 probe to ensure a close and accurate control of the sealing plate temperature.
- Electrical panel with automatic TIG welded frame and stainless steel construction.
- Numbered electrical panel allowing easier fault finding.
- SMC pneumatic movement.
- Quick tool changing system, simplified by the presence of two support handles and the use of quick release connectors for the air supply and electrical supply.  
Optional: trolley for tool (with or without pre-heater) to facilitate change tool operations and tool movements.
- Facility in sanification and cleaning operations thanks to openable protections that permit a direct access to the internal zones guaranteeing safety at the same time for the presence of micro switches that read the protection opening.
- Automatic film waste rewind system with double fractioned roller.
- Machine guards fitted with safety micro-switches to ensure safe operation with a function that requires the machine to be reset before allowing it to be used again should any guard be opened.
- Machine guarding manufactured in stainless steel.
- All components used within the machine electrical system are of proven reliability and CE marked.
- CE marking (machine conformed to Machines Directive 2006/42/EC, Low Voltage Directive 2006/95/EC, Electromagnetic Compatibility Directive 2004/108/EC).