

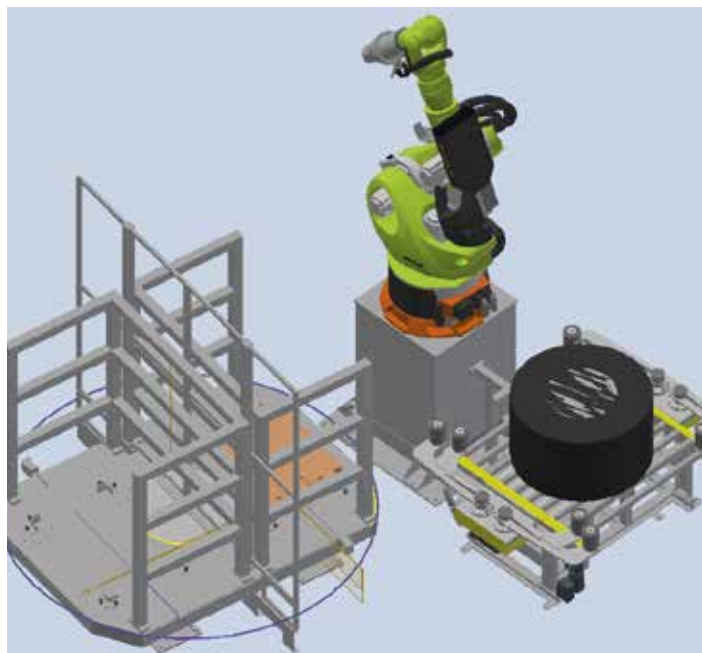
Palletizing

Domus – Domus L – Optimus – Optimus HS Titanus – Agilis – Simplex



On Turntable

- **Wheel Centering**
 - The wheel is centered for robot pick-up
- **Palletizing Robot**
 - A robot mounted on high basement
 - Pick-up of the wheel from the central bore
- **Two-side turntable**
 - External side for forklift loading/unloading operation in safe condition
 - Internal side for continuous robot working



OPTIONS

Automatic Tyre Cleaning

Brushing of tyre sidewall before palletizing, to clean it from soap traces

OPERATING RANGE

Maximum stack height

2500 mm

Pallet Dimension

1200 x 1000 mm - 1000 x 1000 mm - 1200 x 800 mm

Cycle time

25 sec. (per wheel)

- Siemens PLC control system with Profinet communication
- Electrical control panel with touch-screen HMI and manual function pages with status indicators
- Real-time visualization of actuators, sensors, wheel parameters, and system overview screens
- Advanced diagnostic pages for monitoring, daily error logging and statistics (piece counter day/total)
- Process/product parameters editable from the operator panel outside the machine
- Zero robot programming needed

SAFETY EQUIPMENT

- Machine compliant with EEC Machine Directive
- Controlled operator access procedures to restricted areas

COLORS

Safety protection	Yellow 1021/Black 9005
Moving parts	Red 3002
Connecting boxes, electrical panels	Gray 7035
Fix parts	White 9003

POWER SUPPLY & OPERATING CONDITIONS

Electrical	400V – 50Hz TN-S
Pneumatic	6–7 bar
Room temperature	from +10°C to +45°C
Relative Humidity	from 20% to 80%

SAFETY EQUIPMENT

CE conformity declaration	English (pdf)
Electrical/Mechanical assembly drawings	English (pdf)
Spare part list	English (xlsx)
Maintenance, operational & user manual	English (pdf)