

VACUUM

Road to **STANDARD** flexibility

OLCI
ENGINEERING

A MEMBER OF EFORT GROUP

GENERAL INDUSTRY

▶ SHAPE YOUR IDEAS

Compose your robotic cell

Thanks to the precious experience acquired and the innate attention to the needs of the Customers, O.L.C.I. Engineering S.r.l. can now further facilitate each production process.

The mission that has guided O.L.C.I. Engineering S.r.l. since its inception, and which still represents it, is to find continuous innovative solutions that perfectly match customer expectations, giving life to a new process of flexible standardization.

“The **FUTURE** is closer than you **THINK**”

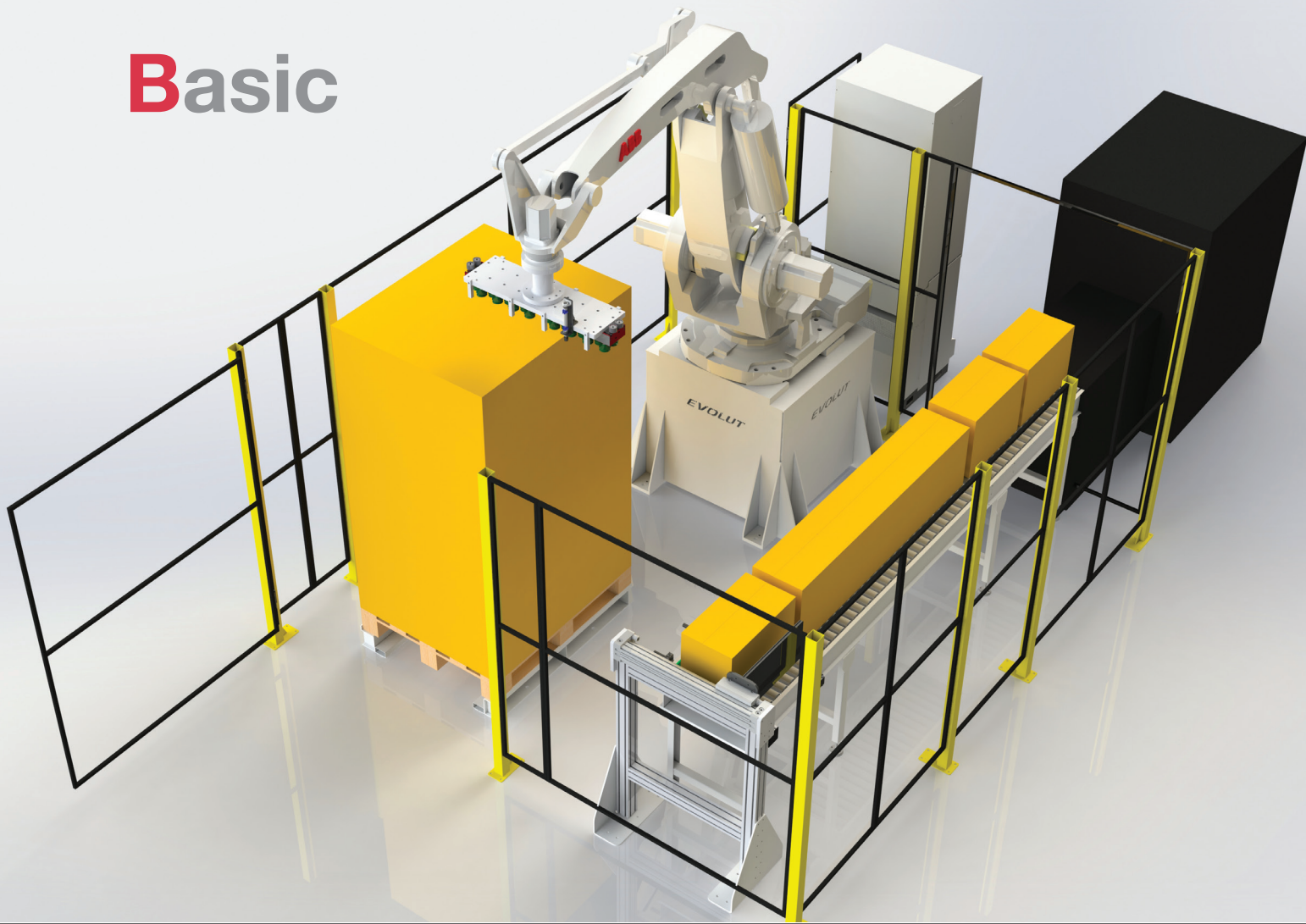
Main characteristics

VACUUM

▶ Road to standard flexibility

- Adaptability to different box formats thanks to the most modern vacuum systems with self-closing valves, aimed at drastically reducing set-up times;
- Simultaneous handling of a multiple number of boxes for the management of high production rates;
- High load capacity with maximum weight of the boxes in process up to 50 kg;
- Possibility of managing different pallet formats and palletization heights up to a maximum 2.000 mm (including pallet);

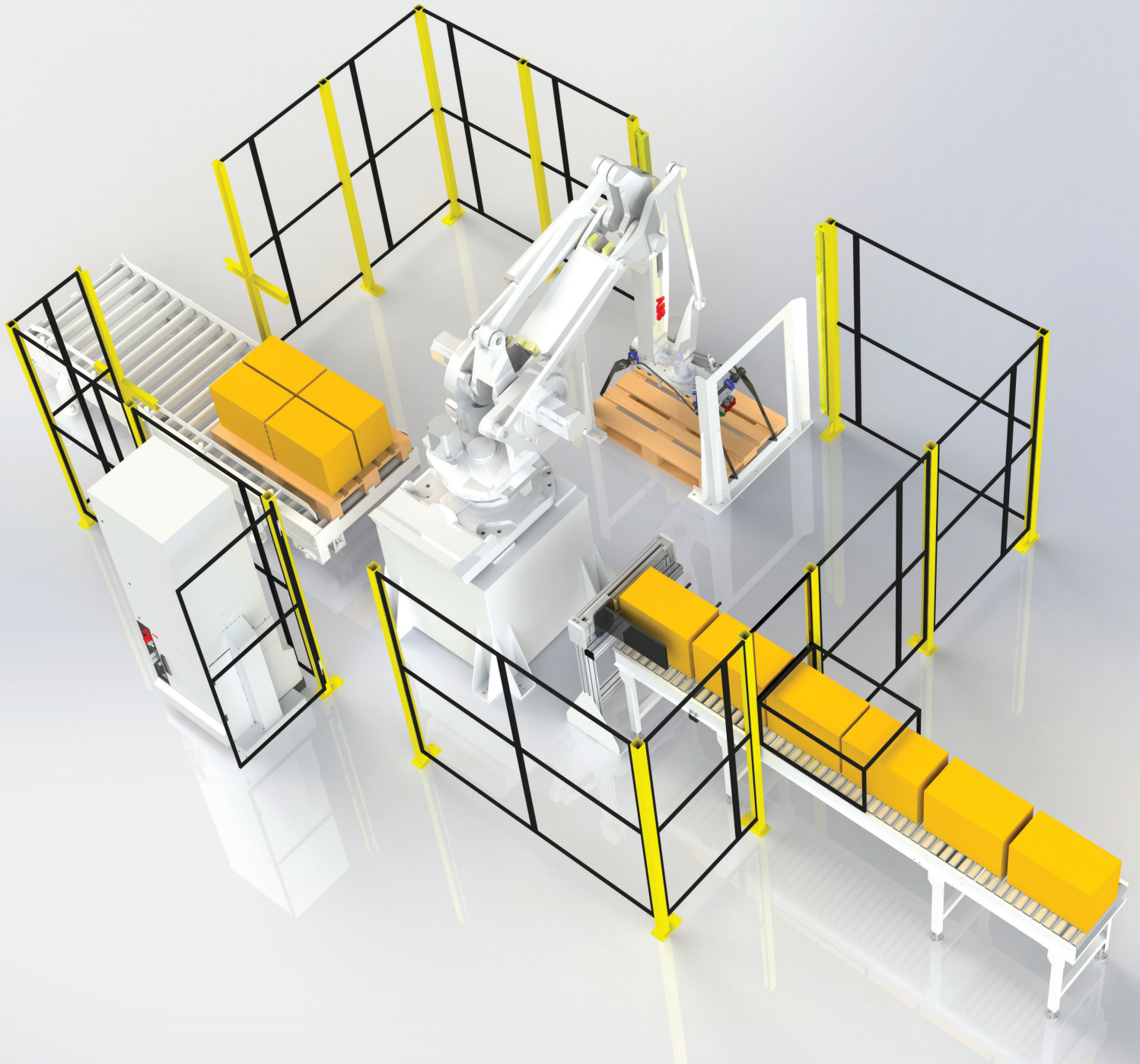
Basic



Main characteristics

▶ **Extreme flexibility in the creation of diversified palletization schemes, thanks to the integration of interlayer warehouses and the use of off-line palletization software, with a consequent reduction in plant downtime.**

- Versatility of use in different production sectors;
- Customization of the degree of autonomy of the cell, thanks to the possibility of integrating a pallet magazine;
- Possibility of automatic evacuation of the complete pallet and predisposition for the integration of additional peripherals, such as wrapping machines, strapping machines, etc.;
- Use of the main robot brands on the market (ABB, FANUC, KUKA, etc.);
- Adequacy to the latest and highest safety standards dictated by the Machinery Directive;
- User friendly user interface;
- Predisposition for remote connection and “Graphic Remote Control O.L.C.I. Engineering S.r.l.” remote assistance service;
- Full compatibility with the requirements dictated by the “National Industry 4.0 Plan”;
- Personalized training plan, held by highly specialized O.L.C.I. Engineering S.r.l. personnel;
- Possibility to take advantage of all the advantages deriving from O.L.C.I. Engineering S.r.l. Cares services.



Advanced

- ▼ Advanced package with the possibility of automatic evacuation of the complete pallet



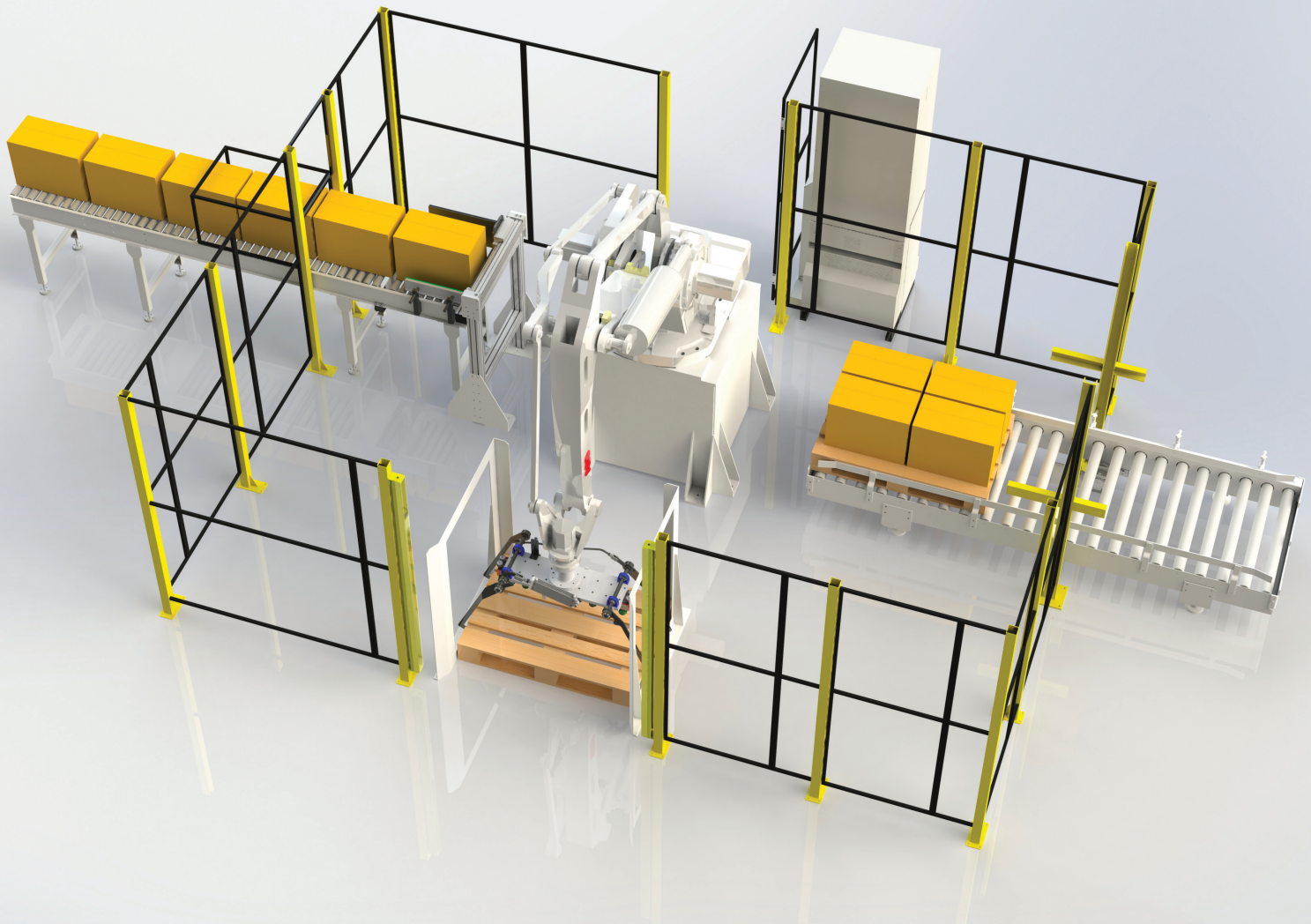
Basic

- 4-axis anthropomorphic robot, with a wrist load of 180 kg;
- Base for fixing and robot support;
- Vacuum gripping system equipped with self-closing valves;
- Motorized roller conveyor for addressing boxes coming from the customer line to the robot, complete with pneumatically operated compactor system at the end section;
- Nr. 1 Set of references adjustable on the ground, for housing the pallet;
- Accident prevention fencing system, complete with perimeter panels and interlocked access/service gates;
- Electric equipment;
- Study, design, assembly, wiring, programming and pre-testing at the O.L.C.I. Engineering S.r.l. factory;
- Installation, commissioning and testing at the Customer plant;
- CE Certification Annex IIA.

Packages

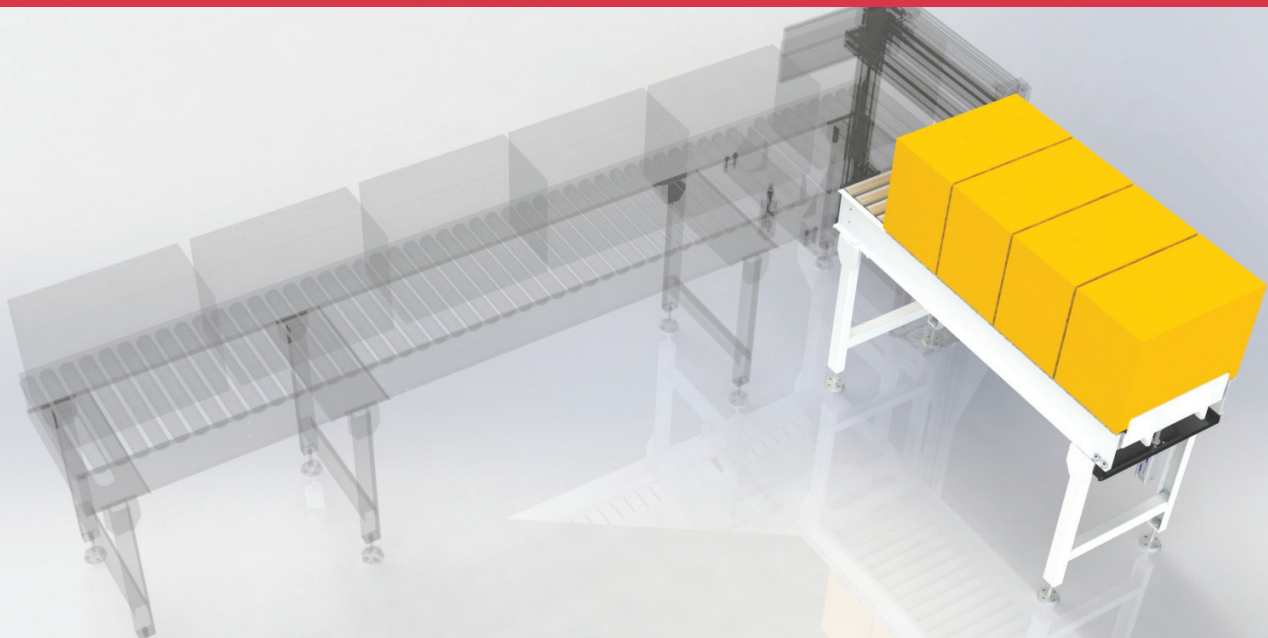
Advanced

- 4-axis anthropomorphic robot, with a wrist load of 180 kg;
- Base for fixing and robot support;
- Vacuum gripping system equipped with self-closing valves and integrated pallet handling claw;
- Motorized roller conveyor for addressing boxes coming from the customer line to the robot, complete with pneumatically operated compactor system at the end section;
- Nr. 1 empty pallet housing warehouse arranged in a stacked configuration;
- Nr. 1 motorized roller conveyor for complete pallet evacuation;
- Accident prevention fencing system, complete with perimeter panels and interlocked access/service gates;
- Electric equipment;
- Study, design, assembly, wiring, programming and pre-testing at the O.L.C.I. Engineering S.r.l. factory;
- Installation, commissioning and testing at the Customer plant;
- CE Certification Annex IIA.



Advanced

▼ Advanced package equipped with empty pallet storage warehouse

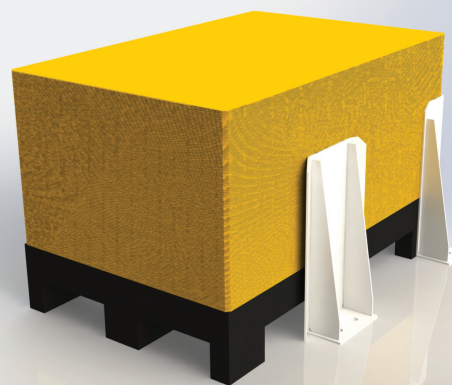


Orthogonal translating device

VACUUM

Optional BUILT BY YOU

Interlayer storage warehouse



Built
by you

- Orthogonal translating device suitable for pre-orientation of the boxes on the feeding line;
- Interlayer storage warehouse, arranged in a stacked configuration;
- Off-line palletizing software
- Adaptation of the robotic cell to comply with the minimum requirements relating to the enabling technologies provided for by the “National Industry 4.0 Plan”;
- “O.L.C.I. Engineering S.r.l. cares” services (remote assistance, etc.);
- Training plans tailored to customer needs;
- Any specific options evaluated in collaboration with our specialists.

OLCI
ENGINEERING
A MEMBER OF EFORT GROUP

O.L.C.I. Engineering S.r.l.

Italy | 25045 Castegnato (Bs)
Via Padana Superiore, 111/A
T. +39 030 2141193

infobs@olcieng.eu
www.olcieng.eu

