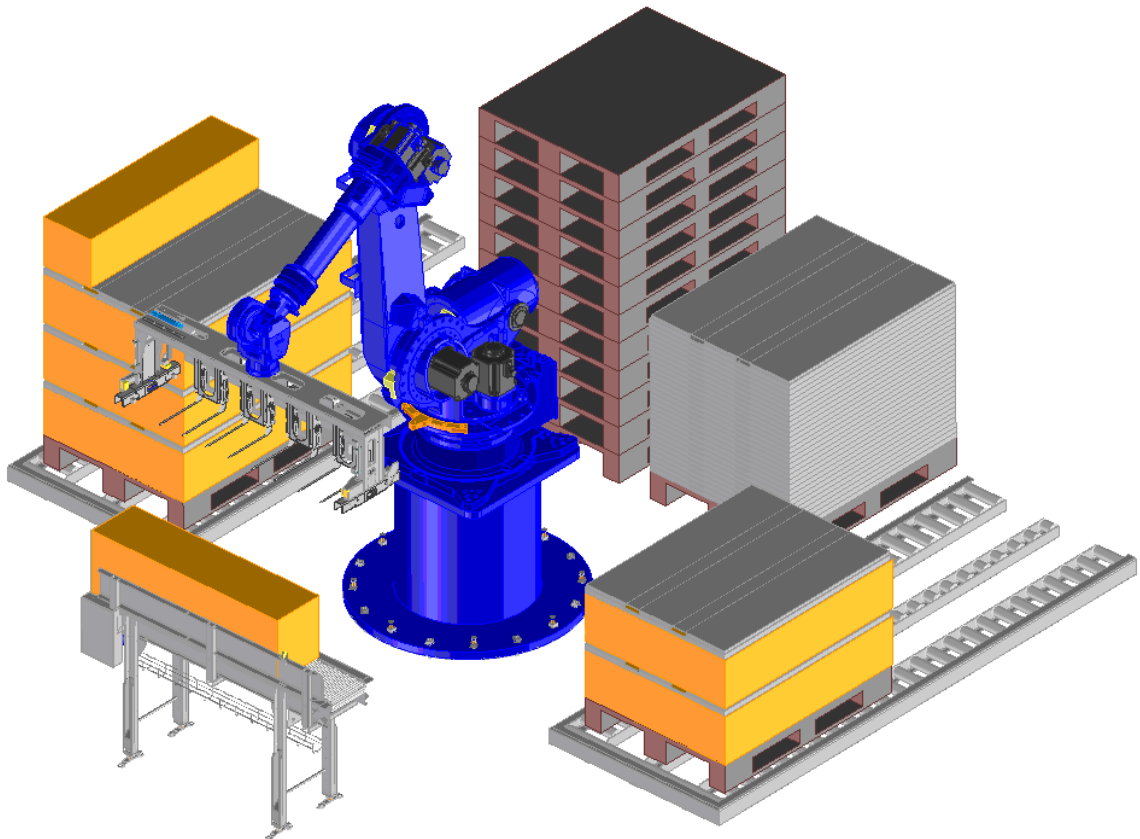


Moba Robot Tray Palletiser **MR 40**

MR 40

The MR 40 is part of the “Moba Robotics” series. This system is capable of palletizing stacks of trays coming from 1 or 2 farmpackers or grader packing lanes and has a max capacity of 108,000 eggs per hour. The MR40 can process both plastic and paper trays and stack on wooden pallets with cardboard layer pads, as well as on the Egg Cargo system™. If cardboard layer pads are used, the stacks can be rotated 90 degrees per layer. By this top- and bottom side of the tray-cups are exactly opposite so that the trays carry the stack weight and not the eggs. This results in a more stable pallet with less risk for cracks during transport.



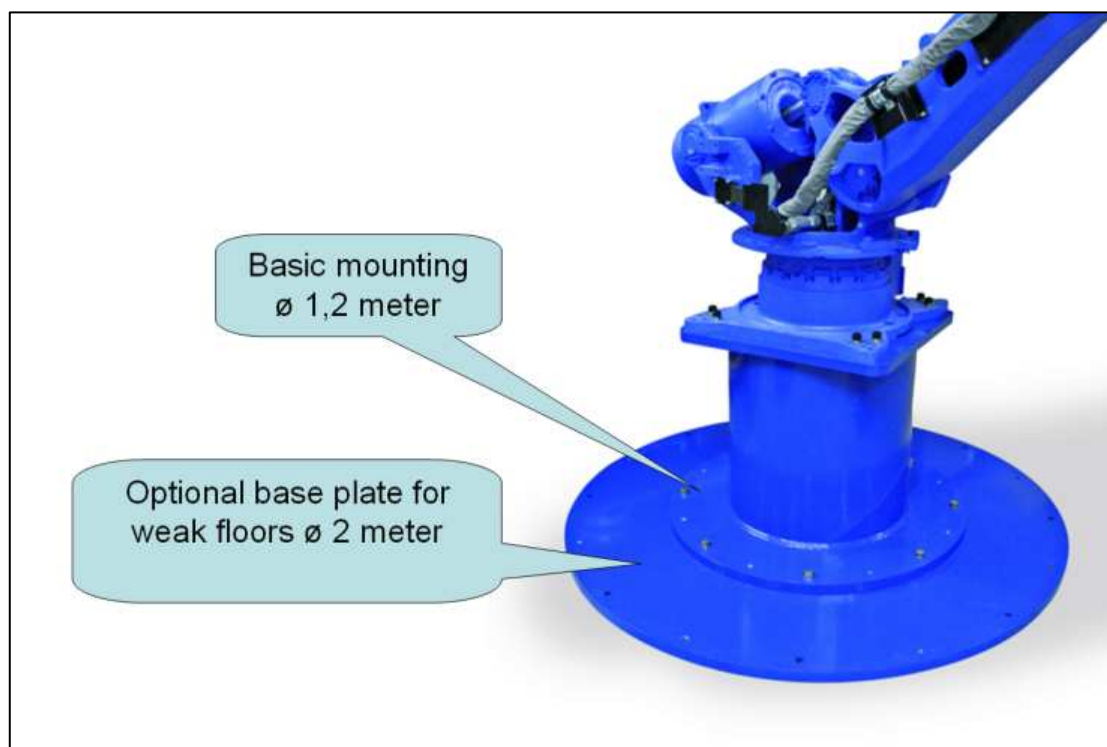
Configurations can be tailor made with following functions:

Standard:

- 1 fixed palletizing position on floor. The robot can handle height differences in case of non-horizontal floor
- 1 position for empty pallets; The pallet handling is capable of corrective positioning in case of slant stack of pallets
- 1 cargo layer pad storage position
- Processes Eggs Cargo™
- Maximum pallet height: 6 layers (Eggs Cargo™) or 5 layers of stacks in case of pulp.

Optional:

- Cardboard layer pad store for pulp trays
- 1 extra palletizing position on floor
- Palletising with automatic pallet output conveyor inside safety fence for 1 full pallet
- Palletising with automatic pallet output conveyor for 3 full pallet positions, including safety sensor screen for transport outside safety fence.
- 2 pickup points instead of 1 in case of 2 farmpackers or grader inputs.
- Integrate able weighing function to measure full pallet weight
- Full pallet weighing in automatic pallet output conveyor system
- In case of 2 pallet positions and 2 infeeds, with an extra interleaf sheet buffer, both Eggs Cargo™ and paper trays can be processed simultaneously.
- Enlarged base plate, in case of weak floors.



- If the floor is thinner than 15cm of reinforced concrete, the above optional base plate can be mounted)

Configuration	Weight	Floor surface	Surface load	Mounting
Normal	2000kg	1.13m ²	177g/cm ²	15cm reinforced concrete 8 x M20 (chemical anchor)
With optional base plate	3000kg	3.14m ²	95g/cm ²	<15cm reinforced concrete 8 x M20 (chemical anchor)

Standard layouts MR40 (auto-pallet transport is optional)

1:1			
1:2			
2:2			
Specials			



Pallet position



Empty pallet stack



Interleaf sheets

DISCLAIMER:

Moba continuously improves its products. Images and data in this brochure can therefore differ from the latest configuration.

