MRZ modular robot cell
- Basic equipment and variants -

All variants include the following basic equipment:

- Comau Smart5 NJ 60-2.2 robot, max. loading capacity 60kg, range approx. 2.2m, cycle output up to 10 single cycles/min
- 1 x light conveyor for transferring articles from production
- 1 x pallet platform (for manual unloading)
- Mesh enclosure with manual sliding doors

Dimensions and connections of version MRZ 1.0 (please ask for further information):

- From 3,000mm x 2,400mm footprint, varies depending on variant
- Power: 32A fuse; 3Ph/N/PE; approx. 12 kVA
- Compressed air: 6 bar; approx. 100m³ / h

Overview of the variants:

- MRZ 1.0: Basic equipment, see above; manual loading and unloading of pallet platform

- MRZ 1.1: Additional second pallet platform, to prevent products from accumulating and guarantee a continuous palletising process, or to allow palletising of two different product types
**MRZ 2.0:** Equipment as for MRZ 1.0, plus pallet conveying system to transport away packed pallets

**MRZ 2.1:** Equipment as for MRZ 1.1, plus two pallet conveying systems to transport away packed pallets

**MRZ 3.0:** Equipment as for MRZ 2.0, but the pallet conveying system runs in a "U" shape, optimising handling of the pallets; products enter the cell on the opposite side

**MRZ 3.1:** Equipment as for MRZ 3.0, but the light and pallet conveying systems are both located on the same side.

**Overview of the optional extras:**

- Gripper system individually customised to the respective product
- Layer pad magazine / pallet magazine
- Camera system for quality assurance / palletising in the correct position
- Other robot manufacturer
- Additional conveying system
- Adaptation of the removal track, and many more