

Effortless palletising of heavy payloads

M-410/800F-32C



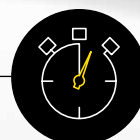
**MARKET LEADING
POWERFUL
800 KG PAYLOAD
CAPACITY**



**3203 MM REACH
FOR LARGE PALLETS &
WIDE WORK ZONES**



**CLEAN DESIGN
REDUCES PERIPHERAL
INTERFERENCE**



**HIGH-SPEED
PERFORMANCE
FOR HEAVY LOADS**



Lift more, stack higher: Enhance your operations with this heavy payload palletising robot

- **Smart cable management:** Extend cable life by routing cables through the hollow wrist.
- **High throughput:** Achieve high efficiency in palletising and loading/unloading applications with a compact design and fast cycle times.
- **Optimised kinematics:** Ensure efficient palletising with advanced kinematic design.
- **Advanced servo technology:** Experience the best motion performance with cutting-edge servo technology.
- **New era of powerful performance:** Benefit from intelligent features, reduced energy consumption and advanced cybersecurity thanks to the R-50iA Robot Controller.

M-410/800F-32C



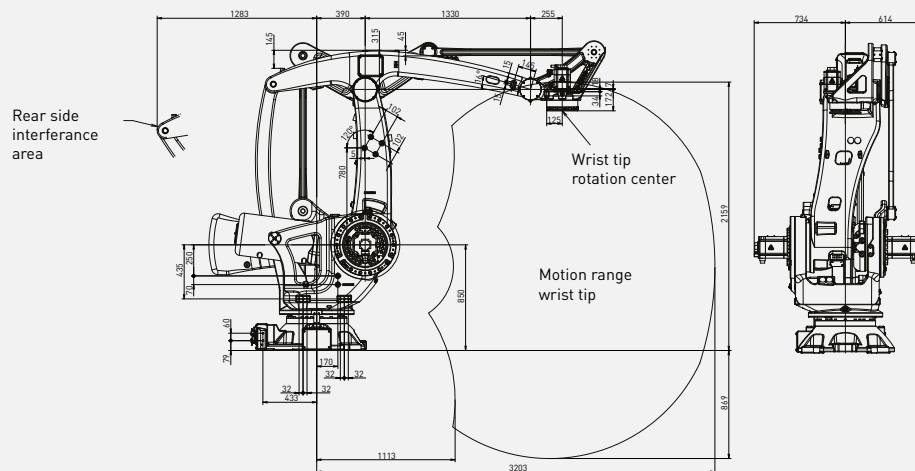
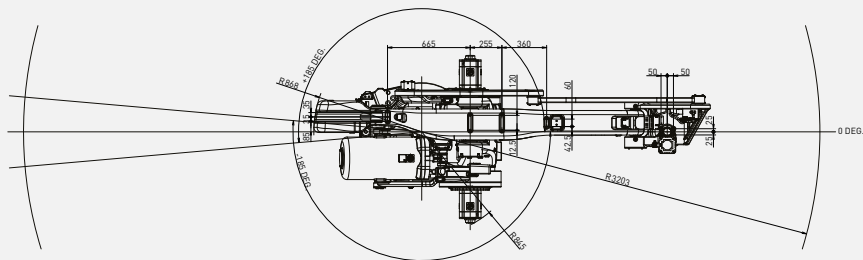
Max. load capacity
at wrist: **800 kg**



Max. reach:
3203 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						J4 Moment/ Inertia (Nm/kgm²)	J5 Moment/ Inertia (Nm/kgm²)	J6 Moment/ Inertia (Nm/kgm²)
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6			
4	± 0.05	2500	370	144	136	720	-	-	65	65	65	125	-	-	830	-	-

Working range



M-410/800F-32C

Robot footprint [mm]	884 x 784
Mounting position Floor	●
Mounting position Upside down	-
Mounting position Angle	-



Controller

R-50iA

Mate cabinet	-
A-cabinet	●
B-cabinet	○
iPendant Touch	●

Electrical connections

Voltage 50/60Hz 3phase [V]	380-575
Voltage 50/60Hz 1phase [V]	-
Average power consumption [kW]	

Integrated services

Integrated signals on upper arm In/Out	8/8
Integrated air supply	2

Environment

Acoustic noise level [dB]	< 70
Ambient temperature [° C]	0-45

Protection

Body standard/optional	IP54
Wrist & J3 arm standard/optional	IP54

● standard ○ on request - not available () with hardware and/or software option