FANUC Robot M-4101C





Features

The M-410 $\hat{\boldsymbol{I}}$ C is the ideal intelligent solution for automation of palletizing systems.

- Two models are available to meet the needs of speed and payload.
 - FANUC Robot M-410 C/185 Payload 185kg
 - FANUC Robot M-410 C/315 Payload 315kg
- Two base variations available for enhanced flexibility.
 - Pedestal base eliminates cabling operation, saves space with R-301 controller underneath robot.
 - Compact base minimizes robot height for low ceiling placement or integration into existing systems.
- Hollow wrist for easy wiring to EOAT.
- Easy integration of advanced features such as *I*RVision and simulated programming with R-30*I*B controller.

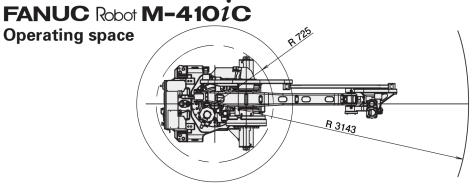
Application system



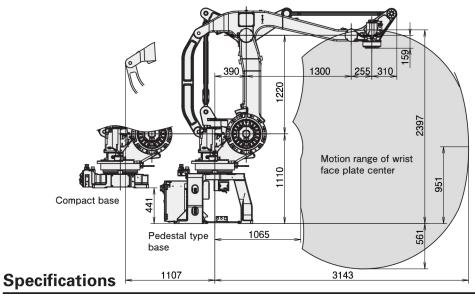
Box Palletizing

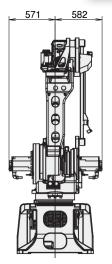


Bag Palletizing









ltem		Specifications	
		M-410 <i>İ</i> C/185	M-410 <i>i</i> C/315
Туре		Articulated Type	
Controlled axes		4 axes (J1,J2,J3,J4)	
Reach		3.14m	
Installation		Floor	
Motion range (Maximum speed) (Note1)	J1 axis rotation	360° (140°/s) 6.28 rad (2.44 rad/s)	360° (90°/s) 6.28 rad (1.57 rad/s)
	J2 axis rotation	144° (140°/s) 2.51 rad (2.44 rad/s)	144° (100°/s) 2.51 rad (1.75 rad/s)
	J3 axis rotation	136° (140°/s) 2.37 rad (2.44 rad/s)	136° (110°/s) 2.37 rad (1.92 rad/s)
	J4 axis wrist rotation	720° (305°/s) 12.57 rad (5.32 rad/s)	720° (195°/s) 12.57 rad (3.40 rad/s)
Max. load capacity at wrist		185kg	315kg
Max. load capacity at J2 base		550kg	
Max. load capacity at J3 arm (Note2)		30kg	
Allowable load inertia at wrist		88 kgm² 898 kgfcms²	155 kgm ² 1580 kgfcms ²
Drive method		Electric servo drive by AC servo motor	
Repeatability		± 0.5 mm	
Mass		Pedestal type base 1,600 kg (Note3)	
		Compact base 1,330 kg (Note4)	
Installation environment		Ambient temperature : 0 - 45°C	
		Ambient humidity:	
		Normally 75%RH or less (No dew, nor frost allowed)	
		Short term Max. 95%RH or less (within one month)	
		Vibration acceleration: 4.9m/s ² (0.5G) or less	

Note 1) In case of short distance motion, the axis speed may not reach the maximum value stated. Note 2) Max. payload capacity at wrist are changed by wrist load.

Note 3) Controller mass (120kg) is included. Note 4) Controller mass (120kg) is not included.



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