

YASKAWA

MOTOMAN MH50 II

Handling & General Applications with the MH-series

The MOTOMAN MH50 II is a versatile, high speed 6-axis robot offering superior performance in material handling, machine tending, processing and dispensing applications.

Featuring a streamlined body, the MH50 II can be placed close to machines for loading and unloading of parts.

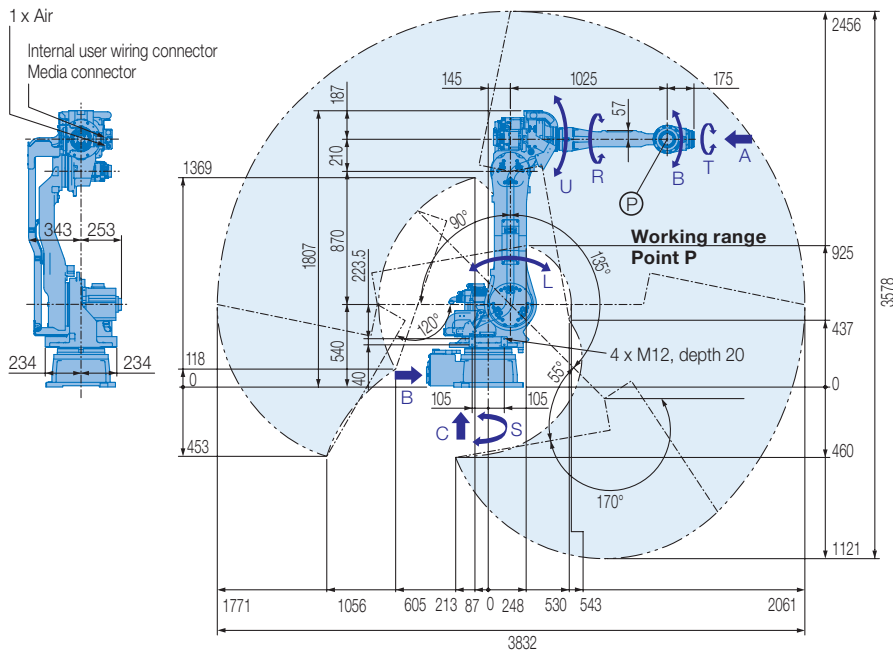


KEY BENEFITS

- Fast, flexible and reliable
- Ideal for a variety of applications, multi-purpose robot
- Robot with sleek design that requires minimal installation space
- 50 kg payload

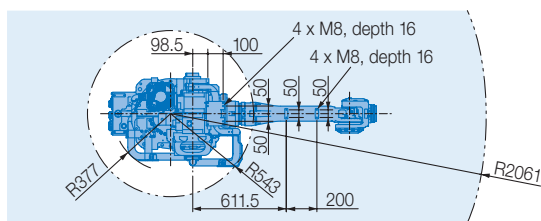
Controlled by
DX200

MOTOMAN MH50 II

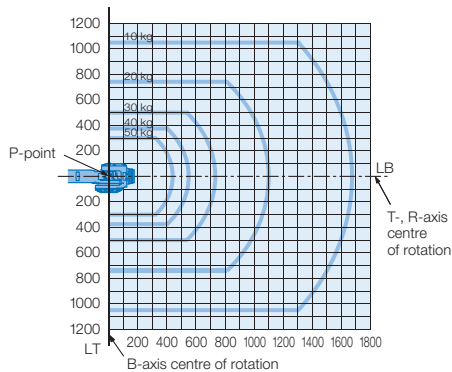


**Please note
wall mounting
option:
+/- 30°
S-axis limit**

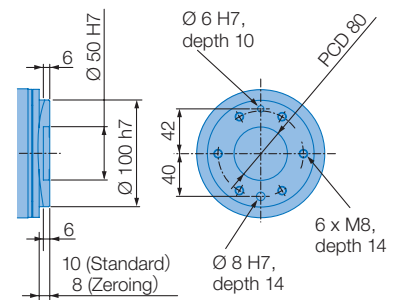
Please note ceiling mounting option:
Depends on B-axis position



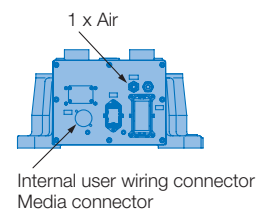
Allowable wrist load



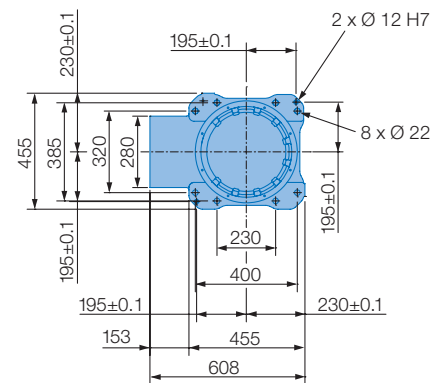
View A



View B



View C



Mounting options: Floor, ceiling, wall

All dimensions in mm | Technical data may be subject
to change without previous notice | Please request detailed
drawings at robotics@yaskawa.eu.com –
YR-MH00050II-J00, C-05-2015, A-No. 167071

Specifications MH50 II

Axes	Specifications MH50 II					
	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m²]	Controlled axes	6
					Max. payload [kg]	50
S	±180	180	–	–	Repeat. pos. accuracy [mm]	±0.07
L	+135/–90	178	–	–	Max. working range [mm]	R = 2061
U	+251/–170	178	–	–	Temperature [°C]	0 to +45
R	±360	250	216	28	Humidity [%]	20 – 80
B	±125	250	216	28	Weight [kg]	550
T	±360	360	147	11	Power supply, average [KVA]	4

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