

MOTOMAN MH600

Handling & General Applications with the MH-series

The 6-axis MOTOMAN MH600 is a versatile, powerful robot offering superior performance for a variety of applications. It provides a high payload of 600 kg and a wide motion range, which especially enables the handling of large and heavy work pieces.



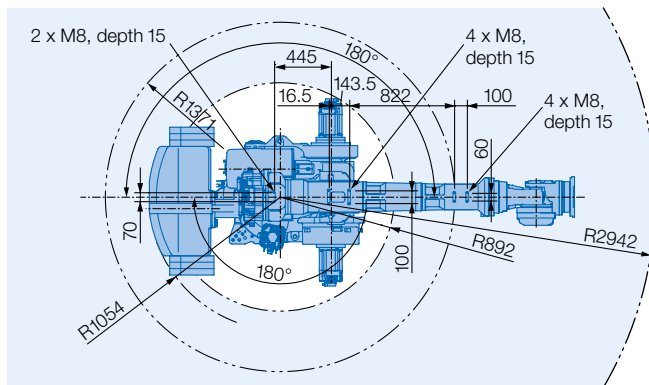
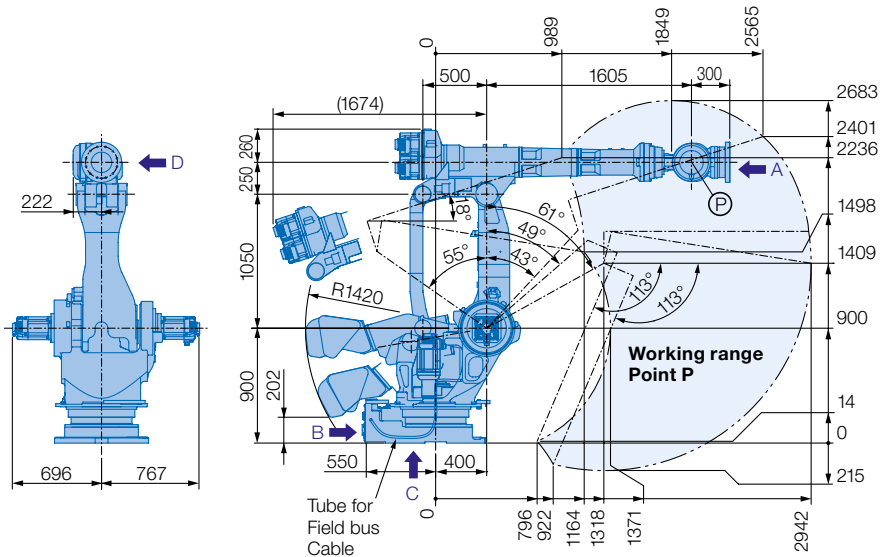
The robot features a parallel-link construction for strength, rigidity and stabilization of high moment and inertia loads. The MH600 also has heavy-duty bearings which provide a smooth arm rotation.

The MOTOMAN MH600 is available with the optional Category 3 Functional Safety Unit (FSU), which allows an establishment of 32 safety units and up to 16 tools.

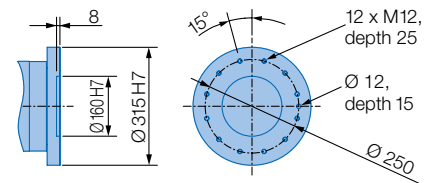
KEY BENEFITS

- Ideal for handling of large work pieces
- High payload: 600 kg
- Wide motion range: 2942 mm
- Fast, flexible and powerful
- Parallel-link construction
- Heavy-duty bearings for smooth arm rotation
- Enhanced safety functions

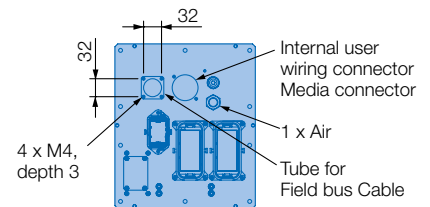
MOTOMAN MH600



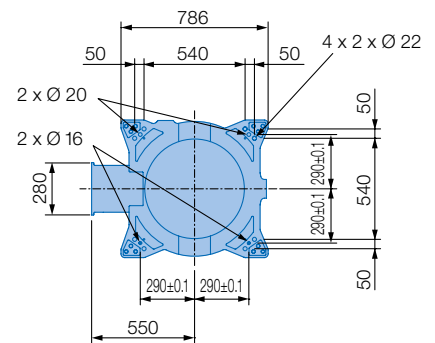
View A



View B

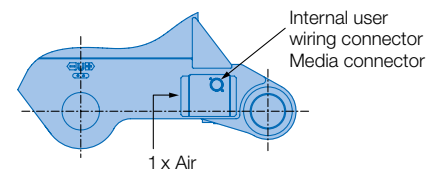


View C



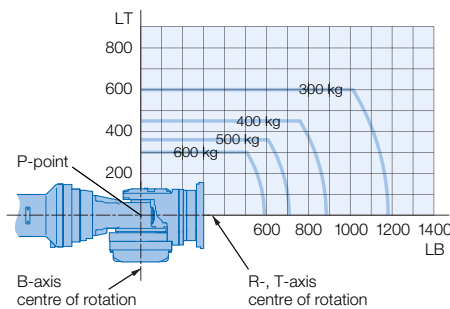
Mounting option: Floor

View D



All dimensions in mm | Technical data may be subject to change without previous notice | Please request detailed drawings at robotics@yaskawa.eu.com – YR-MH600-A00, A-11-2015, A-No. 167111

Allowable wrist load



Specifications MH600

Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m ²]	Controlled axes	
					Max. payload [kg]	6
S	±180	82	–	–	Repeat. pos. accuracy [mm]	±0.3
L	+61/–55	82	–	–	Max. working range R [mm]	2942
U	+18/–113	82	–	–	Temperature [°C]	0 to +45
R	±360	80	3430	520	Humidity [%]	20 – 80
B	±115	80	3430	520	Weight [kg]	3050
T	±360	162	1764	350	Power supply, average [KVA]	7.5

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