

YASKAWA

MOTOMAN MH80 II

Handling & General Applications
with the MH-series

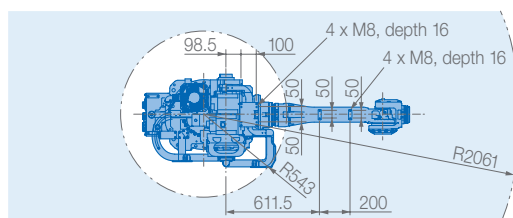
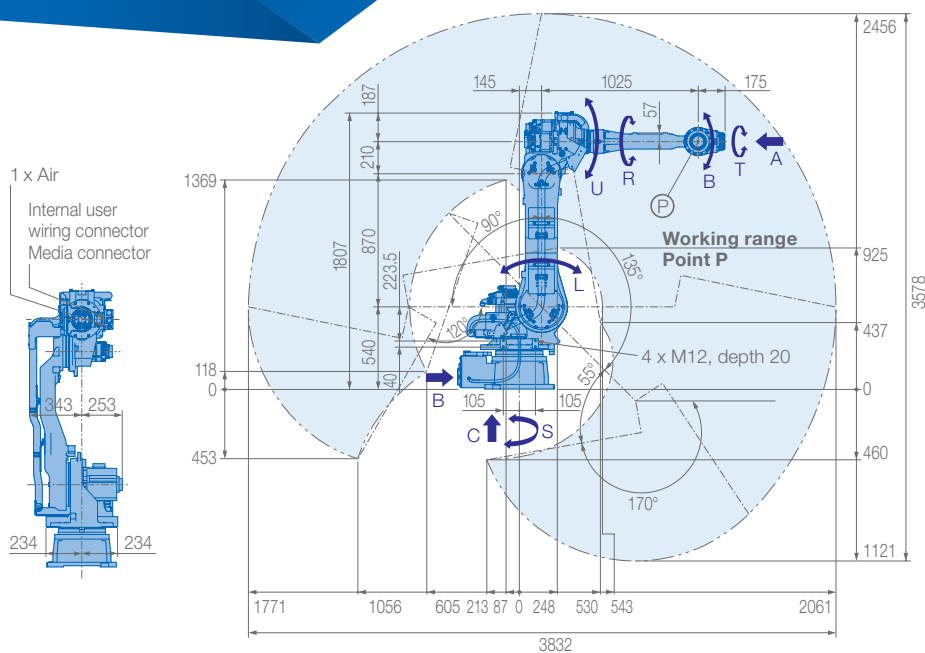


The MOTOMAN MH80 II is a versatile high speed 6-axis robot, providing a high payload of up to 80 kg. It offers superior performance in material handling, machine tending, processing and dispensing applications.

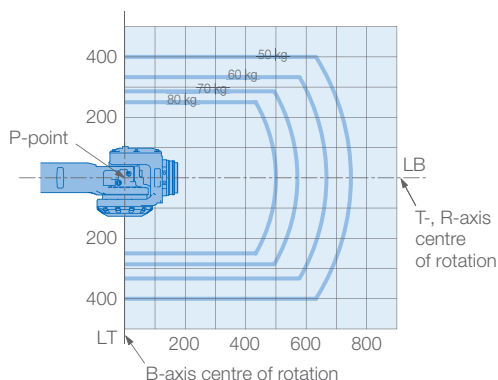
Despite its streamlined body, the MOTOMAN MH80 II features a wide work envelope with a small interference radius. Thereby it can be placed close to machines for loading and unloading of parts, which reduces the required floor space to a minimum.

KEY BENEFITS

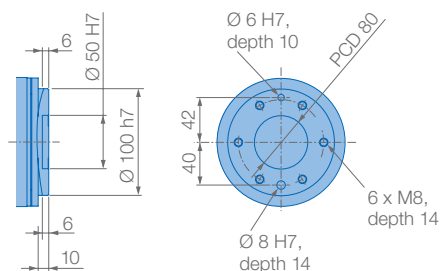
- Flexible and powerful (payload of 80 kg)
- High axis speeds
- Improved wrist ratings provide higher handling capacity
- Small interference radius reduces floor space requirements



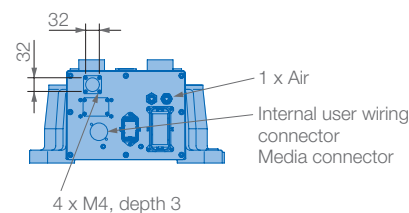
Allowable wrist load



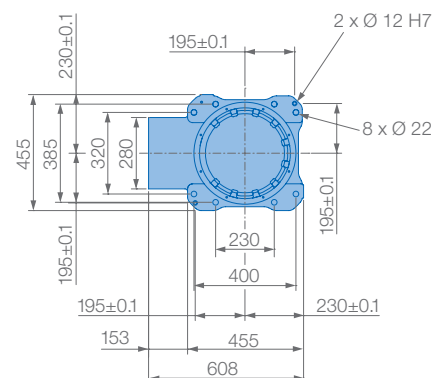
View A



View B



View C



Mounting option: Floor

Protection class: IP54/67

Please notice: Just valid for body/wrist, connector base not protected



Specifications MH50 II

Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m²]	Controlled axes	6
					Max. payload [kg]	80
S	±180	170	—	—	Repeatability [mm]	±0.07
L	+135/−90	140	—	—	Max. working range R [mm]	2061
U	+251/−170	160	—	—	Temperature [°C]	0 to +45
R	±360	230	392	28	Humidity [%]	20 – 80
B	±125	230	392	28	Weight [kg]	555
T	±360	350	196	11	Power supply, average [KVA]	4.5

YASKAWA

www.yaskawa.eu.com

YASKAWA Europe GmbH
Robotics
Yaskawastraße 1
85391 Allershausen, Germany
Tel. +49 (0) 8166 90-0
robotics@yaskawa.eu.com

All dimensions in mm

Technical data may be subject to change without previous notice |
Please request detailed drawings at
robotics@yaskawa.eu.com

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