The 6-axis MOTOMAN MH225 is a versatile, high speed robot offering superior performance for a variety of applications, like material handling, machine and press tending.

Despite of providing a high payload of 225 kg and the wide motion range of 2702 mm, the MOTOMAN GP225 was designed with a width of 625 mm, therefore valuable floor space can be saved.

With the higher axis operation speed and speed reducer rigidity, a special vibration control system was developed. By reducing cycle times, this system realises high increases in productivity.

**KEY BENEFITS**

- Fast, flexible and powerful
- High payload: 225 kg
- Wide motion range: 2702 mm
- Maximum performance using minimal floor space
**Specifications GP225**

### Axes

<table>
<thead>
<tr>
<th>Axes</th>
<th>Maximum motion range [º]</th>
<th>Maximum speed [º/sec.]</th>
<th>Allowable moment [Nm]</th>
<th>Allowable moment of inertia [kg · m²]</th>
<th>Controlled axes</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
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<tr>
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<tr>
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<td>735</td>
<td>84</td>
<td></td>
</tr>
</tbody>
</table>

### Controlled axes

- Max. payload [kg]: 225
- Repeatability [mm]: ±0.2
- Max. working range R [mm]: 2702
- Temperature [°C]: 0 to +45
- Humidity [%]: 20 – 80
- Weight [kg]: 1080
- Power supply, average [KVA]: 5.0

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