**Product Description**

This extra-large payload robot with a capacity of 1 to 1.5 tons realizes both high rigidity and accuracy achieved through its unique construction (parallel two-reducer mechanism on the first axis, ball-screw mechanism on the second and third axes).

**Features**

- Achieves 1-ton-plus payloads through adoption of hybrid link mechanism and dual servos
- Reduces arm deflection and achieves high positioning accuracy by adopting ball screws with high rigidity and minimal backlash
- Hybrid link mechanism and counterweight-less arm deliver a wide work envelope for practical use

**Product Description**

Unique arm construction, which features hybrid link and partial use of ball-screw drive, realizes payloads of 1 to 1.5 tons and lighter chassis without use of counterweight.

**Weight reduced to be lighter than industry standards for 1-ton-plus payload class**

<table>
<thead>
<tr>
<th></th>
<th>MG15HL</th>
<th>Competitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum payload (kg)</td>
<td>1.500</td>
<td>1.200</td>
</tr>
<tr>
<td>Maximum reach (mm)</td>
<td>4.005</td>
<td>3.734</td>
</tr>
<tr>
<td>Main unit mass (kg)</td>
<td>6.550</td>
<td>8.600</td>
</tr>
</tbody>
</table>

**Extra-Large Payload Robot**

MG Series

**Kawasaki Heavy Industries, Ltd.**

Initial registration: 2017