The MOTOMAN SP150R is a powerful 6-axis shelf-mounted spot welding and handling robot. Combined with its long reach of over 3 meters, it has a significantly extended working space below its installation level. It is used where the robot is mounted in an elevated position and needs to work downwards, e.g. on a steel structure.

With its maximum payload of 150 kg, it is suitable for a wide range of common spot-welding guns and grippers, especially also for servo-controlled welding guns as an integrated 7th axis with robot-supported gun compensation.

The MOTOMAN SP150R features the latest Yaskawa Sigma7 servo drive technology, is state-of-the-art in terms of dynamics and energy efficiency, and enables outstanding cycle times.

**KEY BENEFITS**
- Elevated console design possible
- Various application possibilities
- Minimum space requirements
- Large working range (3140 mm) and high payload (150 kg including C-adapter)
- High repeatability (±0.05 mm)
- Slim design, compact footprint
- High robot density in production line possible
- Shortened process times
- High dynamics

**OPTIONS**
- Cable packages of various designs, easily adaptable
- C-adapter for optimal cable routing on the wrist
- Sockets and base plates
- Extended robot cables
- Fieldbus and Safety Bus options
- External drive axes, travel paths
- Functional Safety Unit (FSU), area limits
- Vision system, e.g. MotoSight 2D

www.yaskawa.eu.com
**Specifications SP150R**

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* without C-adapter

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