

## Super heavy loader robot SC Heavy Loader Series

•SC700

Number of controlled axes: 6 axes

Payload capacity: 700kg

Maximum reach: 3,972mm



The SC heavy loader robots, with huge load capacity and reach, are excellent for jobs that require heavy lifting. Their large vertical stroke allows more flexible production lines by replacing conventional specialized machinery, such as auto body loaders, with robots.

### Example application

#### Handling and transport

Robots load work pieces into machining centers and move parts between processes during parts manufacturing. A single robot can tend multiple machines by synchronizing the various cycled times. Selecting the right robot for the job means a compact operation with excellent maintainability.



#### Deburring and polishing

Robots de-burr cast parts and machined parts and grind welding beads. They maintain consistent quality without variations in polishing pressure left over burrs using our force control function.



#### Press operation handling

Robots load and unload presses. Frees workers from the dangerous job of handling the sharp edges of sheet metal parts. Helps increase productivity by quickly loading parts ranging in size from large to small.

