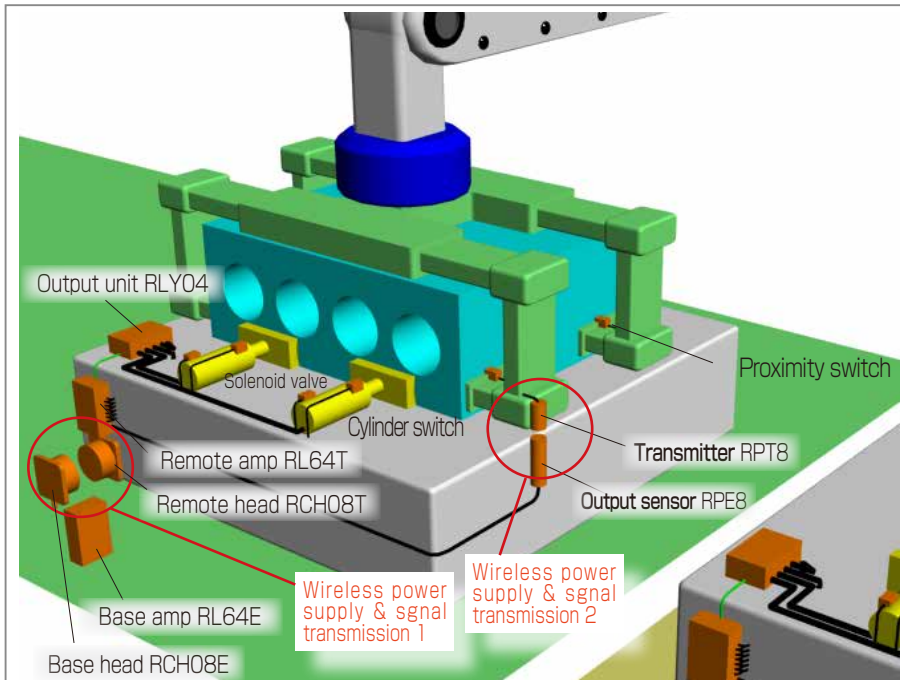
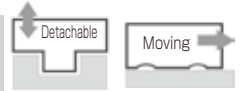


Pallet and robot hand workpiece confirmation (two-stage transmission)



Conventional problems

- It takes time to attach and detach the pallet sensor and the solenoid valve connector
- Attaching and detaching the connector when changing robot hands is a bother

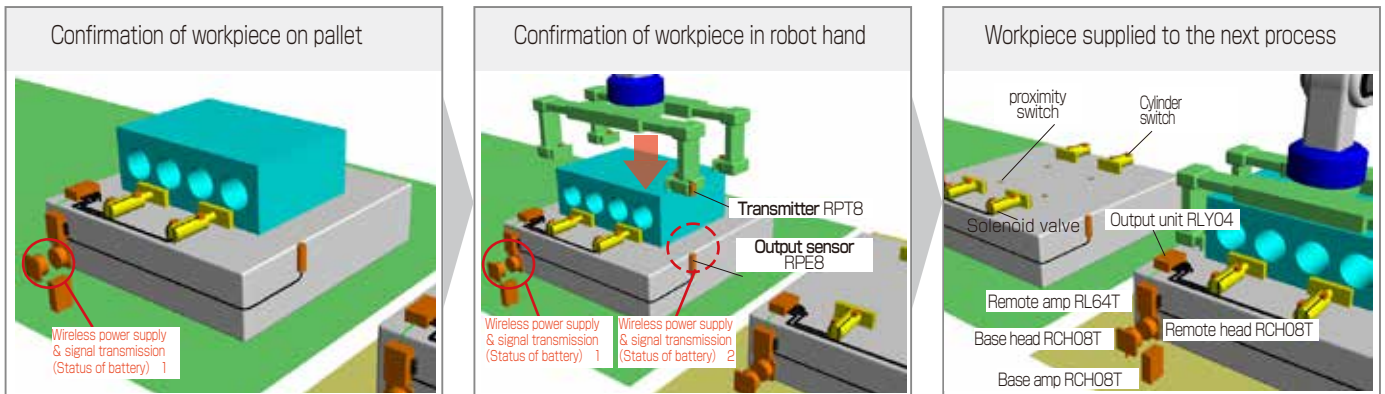


Improvements

- The pallet I/O connector does not need to be attached or detached, eliminating that time loss
- No sensor connection is required when changing robot hands
- Line automation has been achieved

Innovation

A pallet sensor or solenoid valve is used to confirm or secure a workpiece, or to confirm that the robot hand has grasped the workpiece with two-stage signal transmission via the pallet.



Diagram

