



Improve Productivity by Utilizing Existing Space and Equipment

Handling System Using Collaborative Robot

■ Industrial robot: Safety fence required

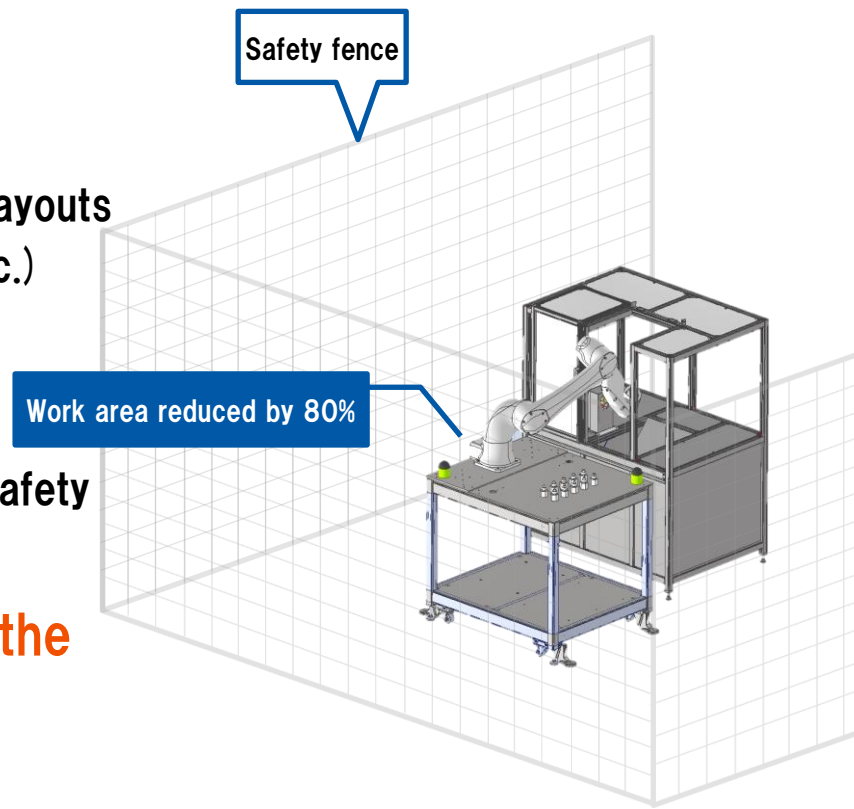
→Difficulty installing safety fences in existing layouts
(Consideration, arrangement, construction, etc.)

■ Collaborative robo: Slow motion

→For FD-VC4

Maximum speed is 1000mm/s to prioritize safety

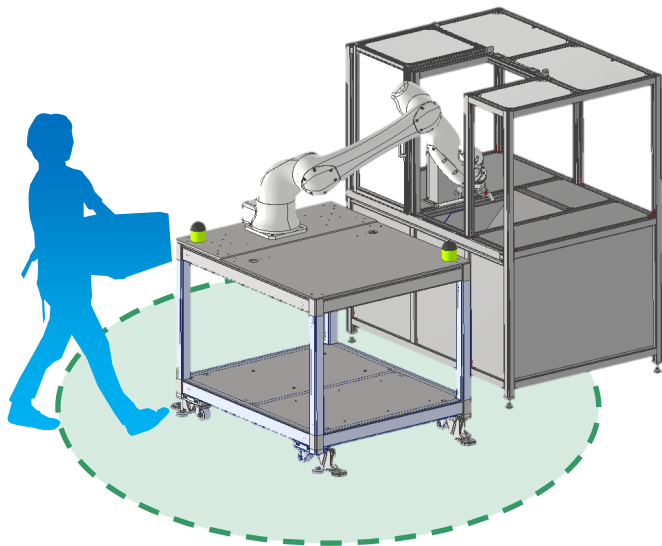
DAIHEN's new collaborative robot solves the problem



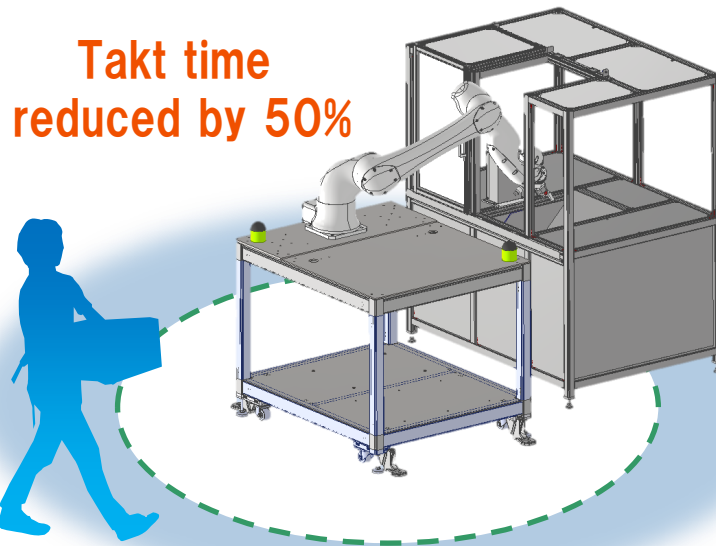
Low speed mode (conventional)

Automatic switching

Fast mode



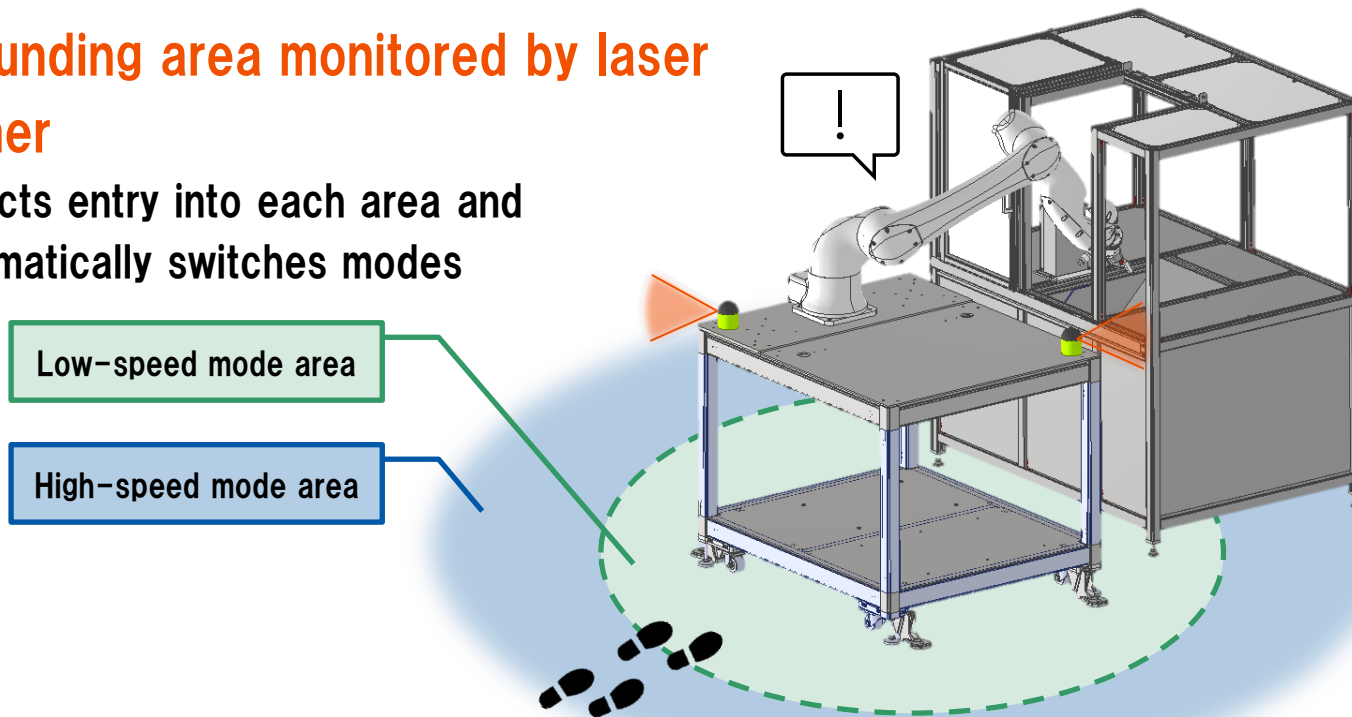
Max. velocity: 1000mm/s



Max. velocity: 2500mm/s

■ Surrounding area monitored by laser scanner

→ Detects entry into each area and automatically switches modes



- **12kg** payload
- Max 2500mm/s rate of operation
- **Long reach** beyond 1.4m
- Expansion of motion range of each axis
- Design with reduced width of arm tip

Collaborative robot that can flexibly respond to various fields



DAIHEN's new collaborative robots can be used to improve productivity by leveraging our customers' existing facilities.

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