



Handling System with Collaborative Robots

Challenges when introducing robots

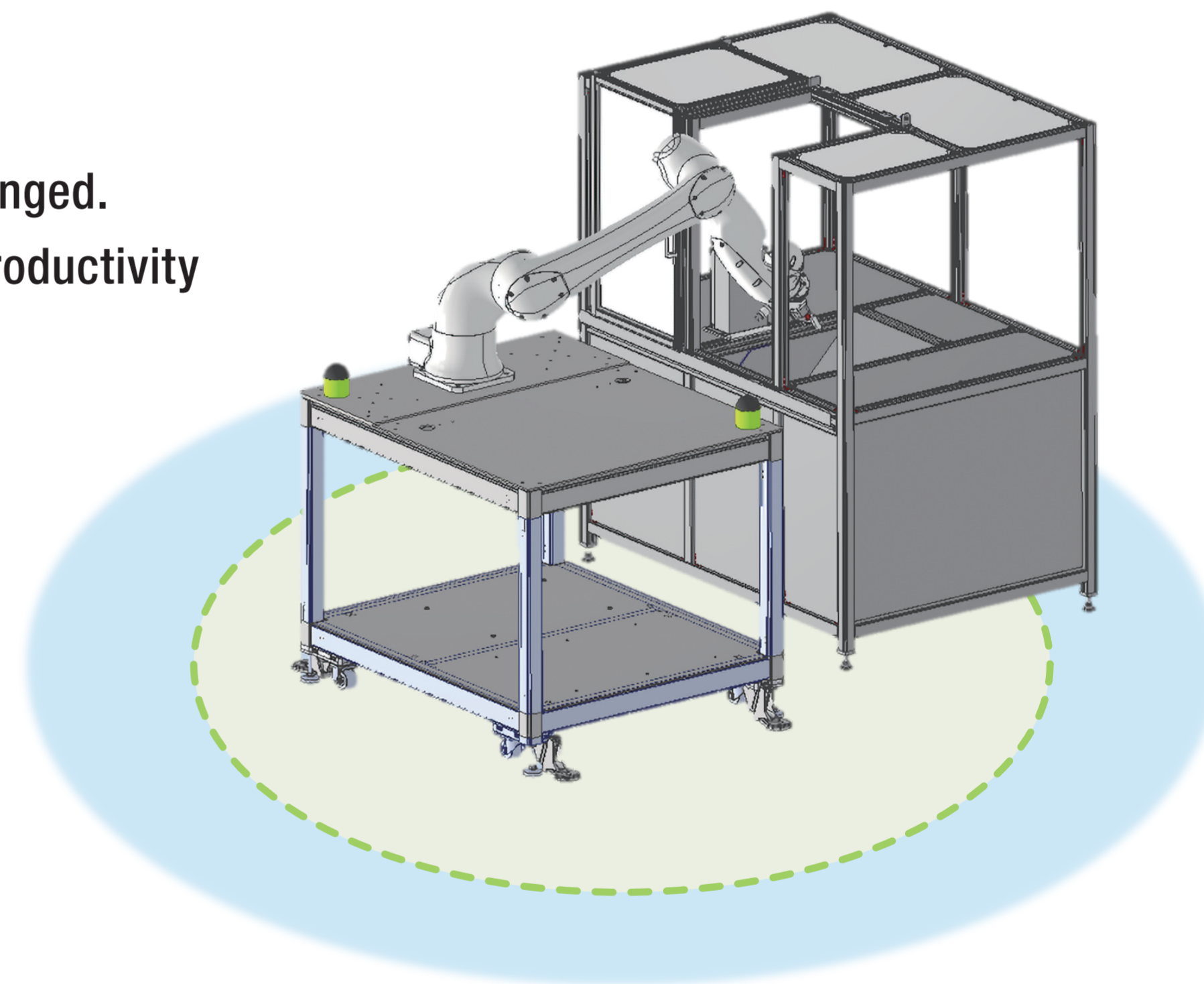
- Industrial robots: Safety fences and other equipment must be drastically changed.
- Collaborative robot: Operation speed is slow, making it difficult to improve productivity

Effective use of existing facilities

- No need to install safety fences
- Minimize additional equipment

Automatically switch the operation mode according to the situation

- Surrounding conditions monitored by safety laser scanner
- When the approach of the worker is detected, the mode changes from high-speed operation to low-speed operation.





Collaborative Robots Ideal for Handling Applications

Ideal for handling applications

- 12kg transportability
- Integrated application cable
- Long reach over 1.4m
- Expands the operating area of individual axes. (VC4 compare)
- Design with reduced width of arm hands

Best-in-class speed

High-speed mode: Maximum 2,500mm/s or
higher Low-speed mode: Maximum 1,000mm/s

High safety

- Arm shape to prevent pinching
- Angle-free design to mitigate impact during contact



FD-VC12