

Wafer / Panel Transfer EFEM

Equipment Front End Module

EFEM series

◆ Minimal Footprint

Optimised arrangement of robot, load ports, and handler enables efficient space utilisation.

◆ Particle-Free Design

Combines proven load ports, robotics, and enclosure systems to reduce particle impurities.

◆ Tested Reliability

Optimised technology from over 40,000 robots operating in harsh environments.

◆ Supports Various Panel Sizes

Wafer: 200mm, 300mm
Panel: 310 mm², 510 x 510mm, 600mm²

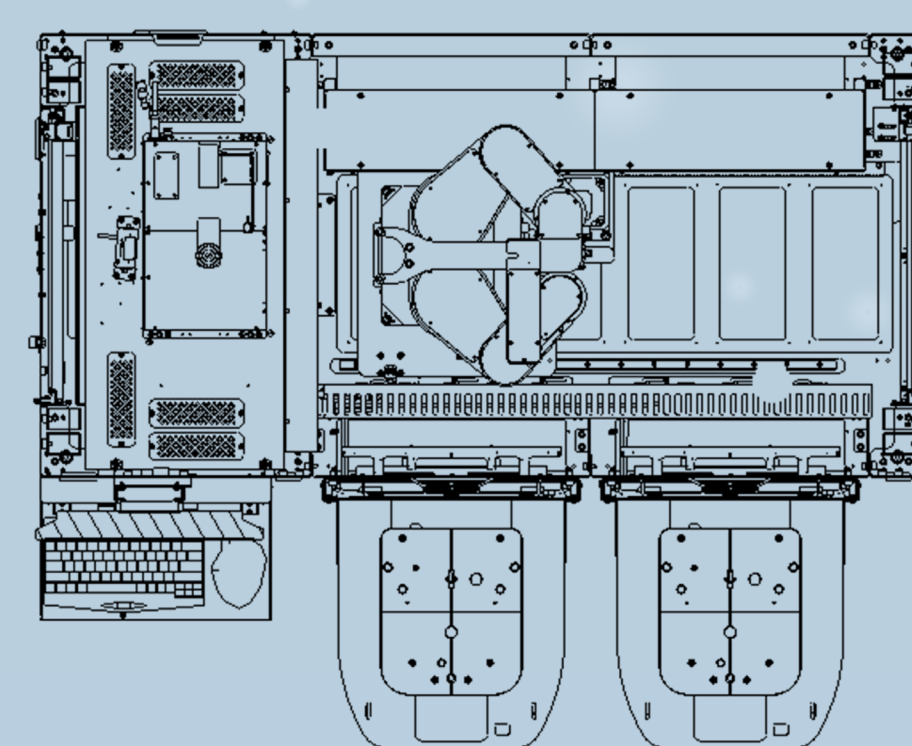


Layout Variations

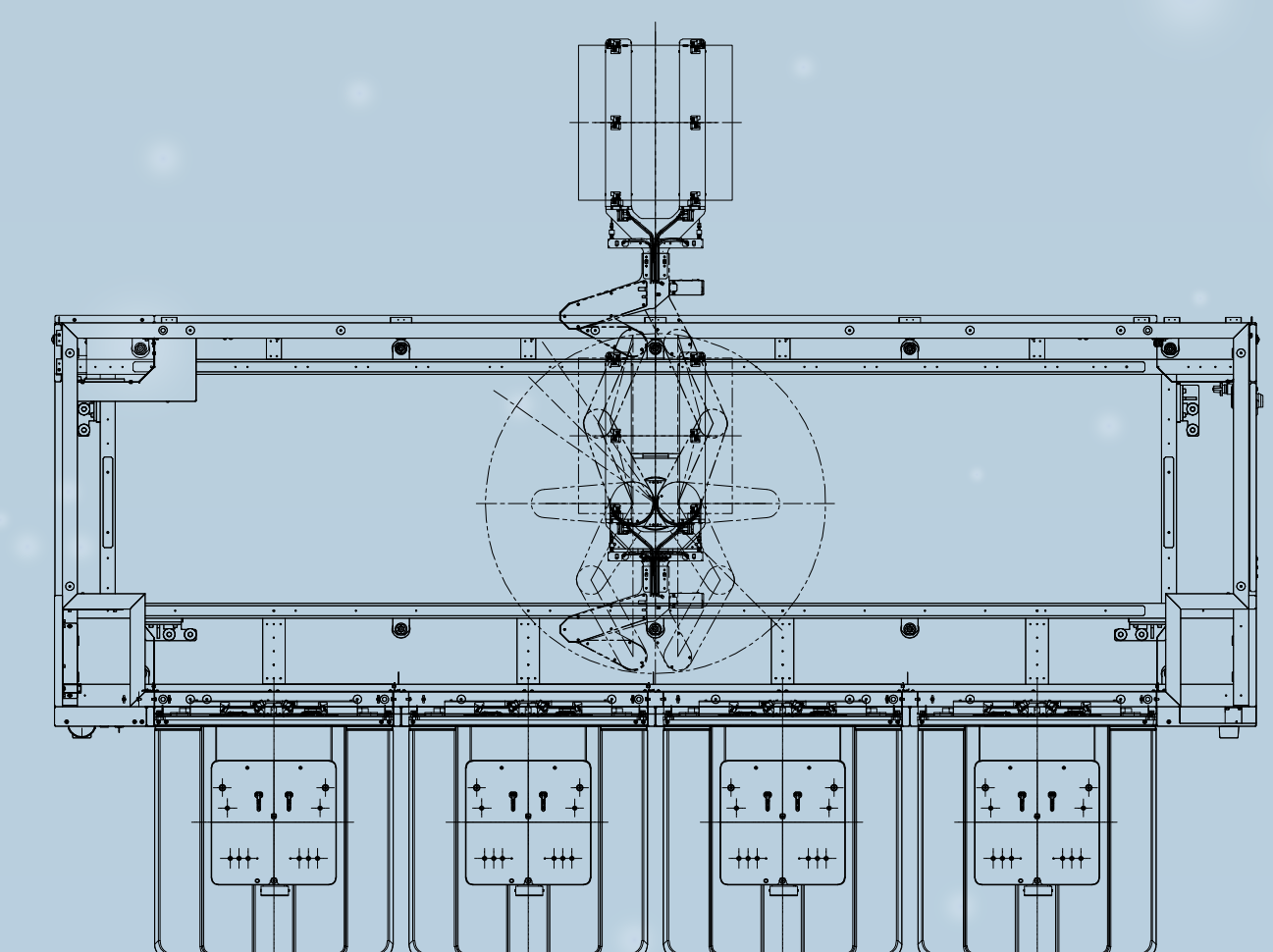
Flexible layout adaptable for various application requirements

Various component sizes support multiple wafer handling configurations

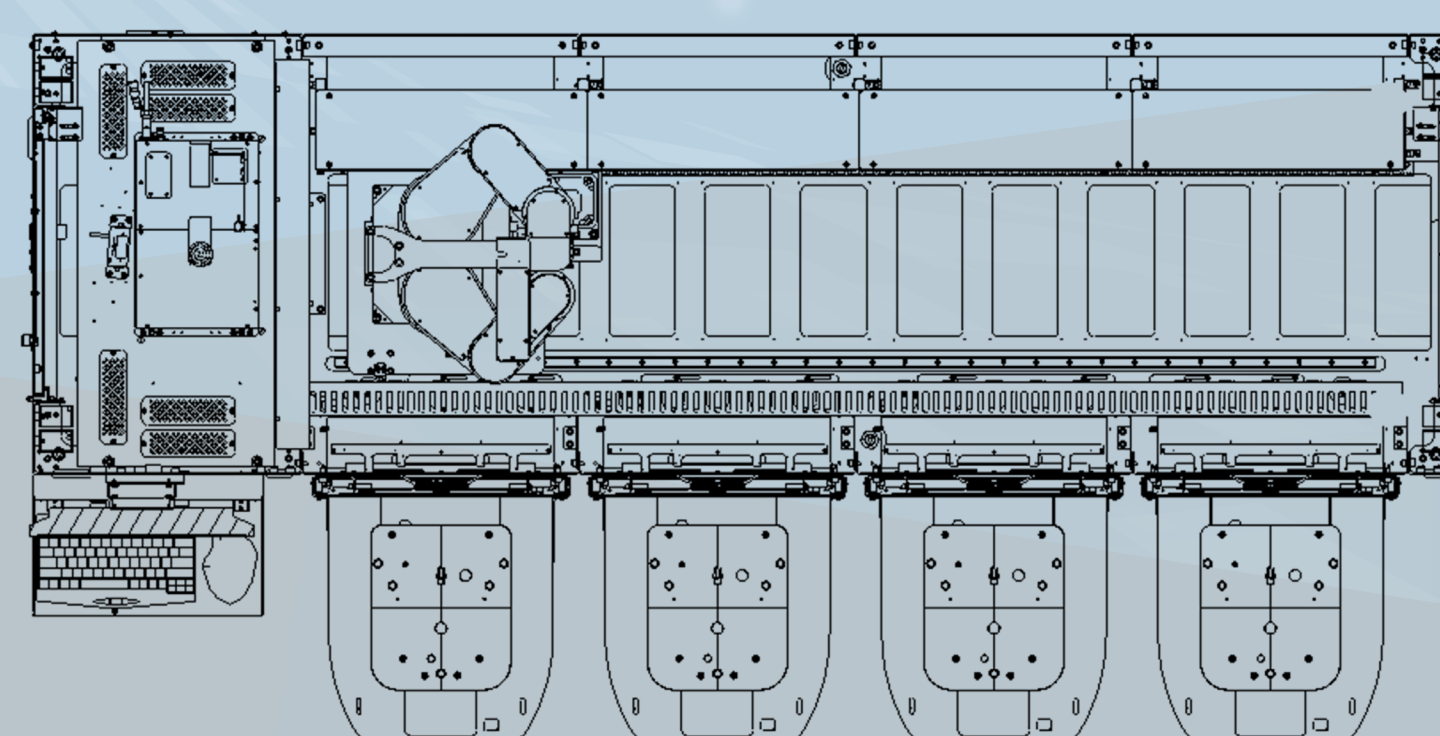
Customisable motion patterns and communication interfaces to meet operational needs



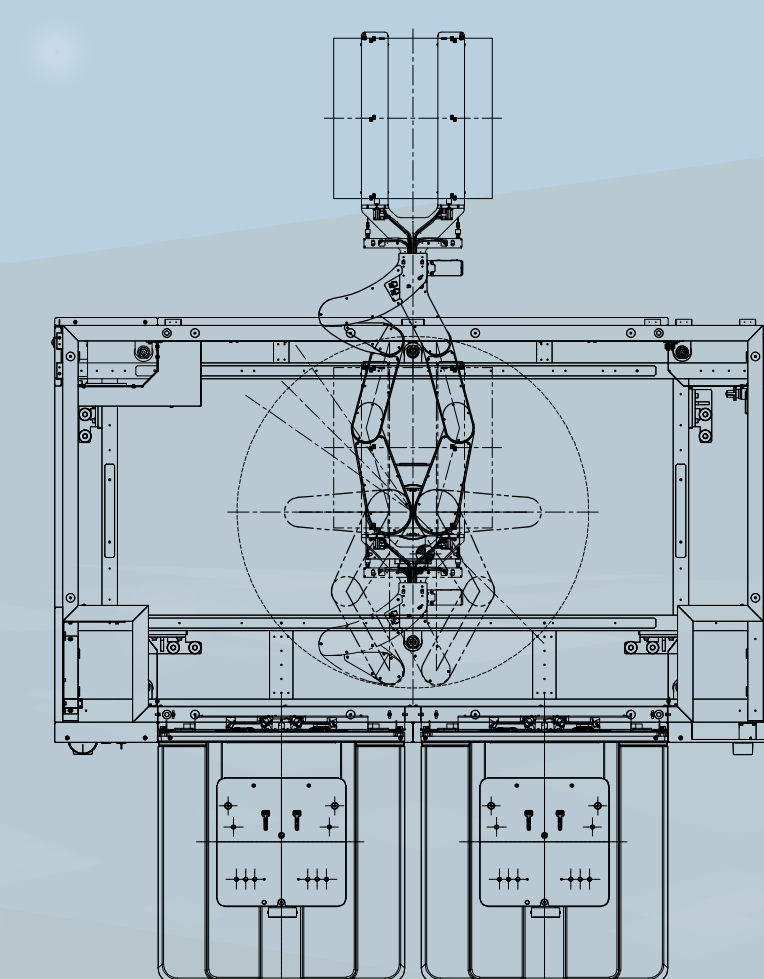
2xPort 1xRobot 1xAligner



4 Port Panel Transfer EFEM



4xPort 1xRobot 1xAligner



2 Port Panel Transfer EFEM

The Global Production Engineering Company

Hirata