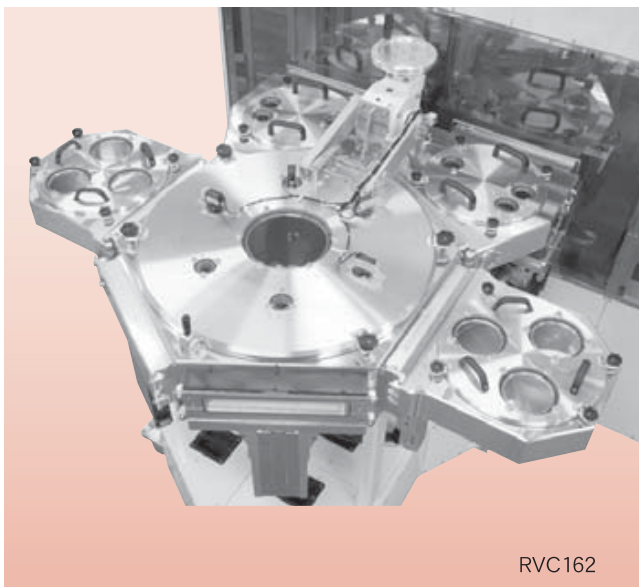


Vacuum Platform

RV series



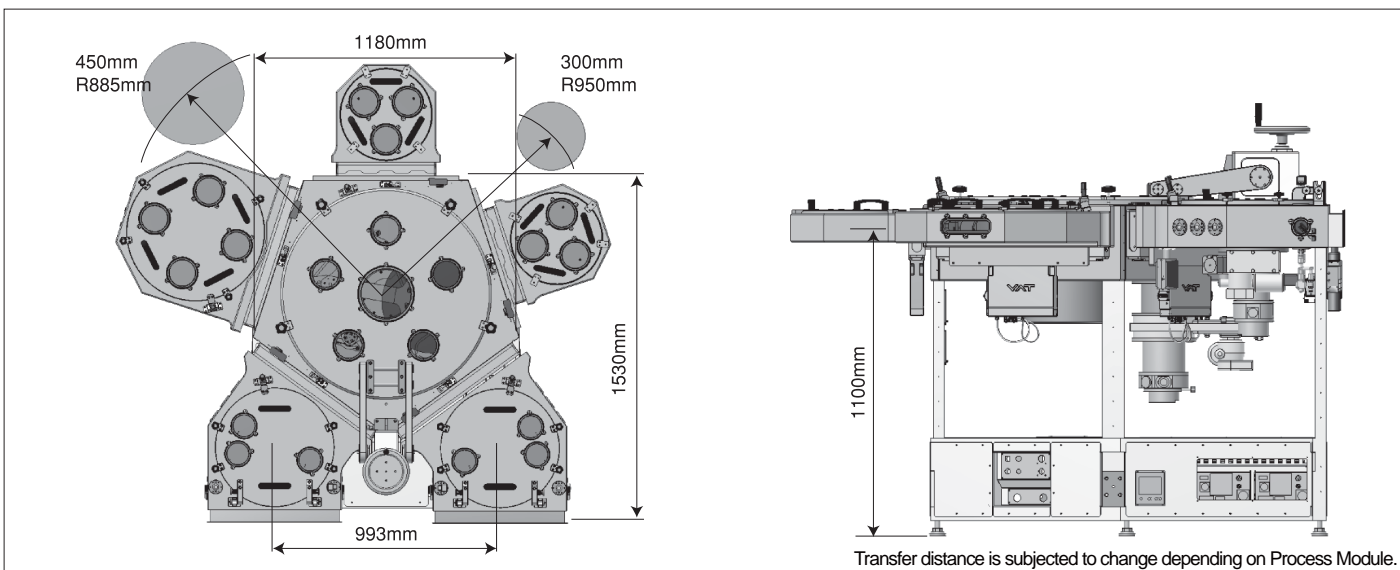
RVC162

Features

Maximum Process Performance

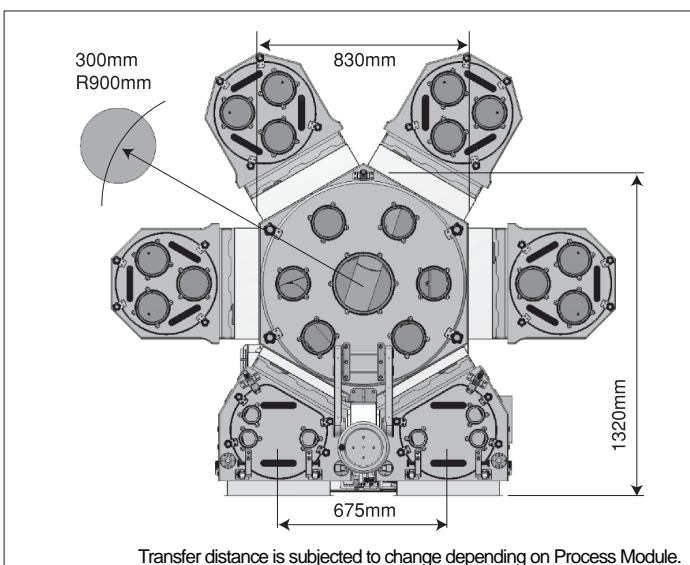
- Optimum Concepts
 1. Minimum footprint with the most effective transfer dimensions
 2. Great throughput by most effective transfer sequence with EFEM and Process Module
 3. Platform designed with a best-selected vacuum robot
- Various Options (coming soon!)
 1. Auto-Teaching Function for simplified maintenance work
 2. Wafer alignment function for correcting accumulated errors made in Process Module
 3. Wafer monitoring function for cracks and chips
 4. Minienvironment monitoring function for periodical maintenance and failure prevention

PRODUCT DIMENSIONS RVE152



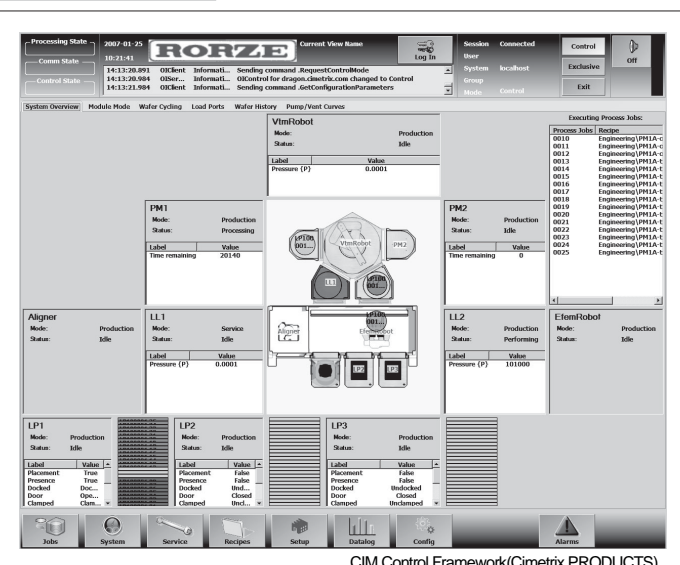
Transfer distance is subjected to change depending on Process Module.

PRODUCT DIMENSIONS RVC162



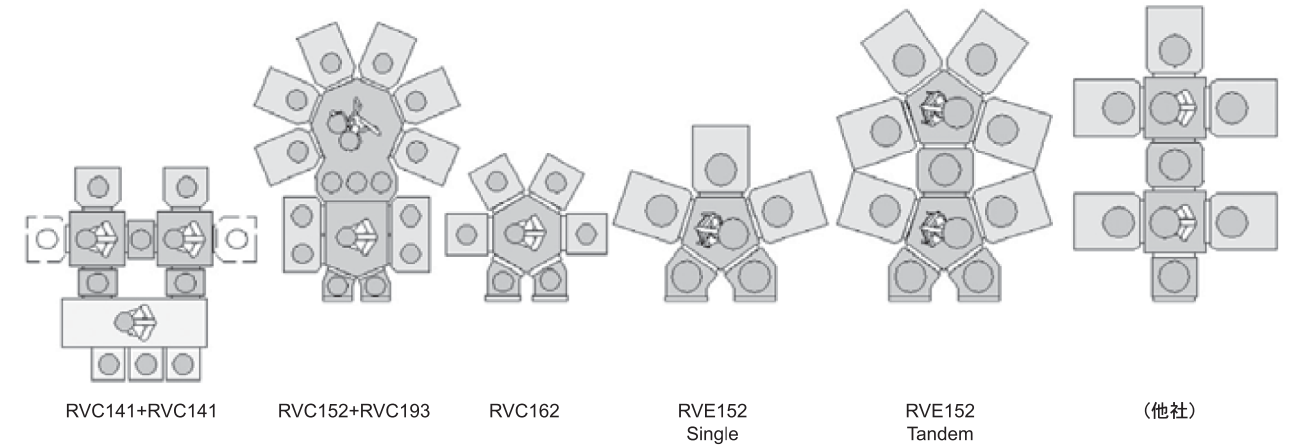
Transfer distance is subjected to change depending on Process Module.

GUI example



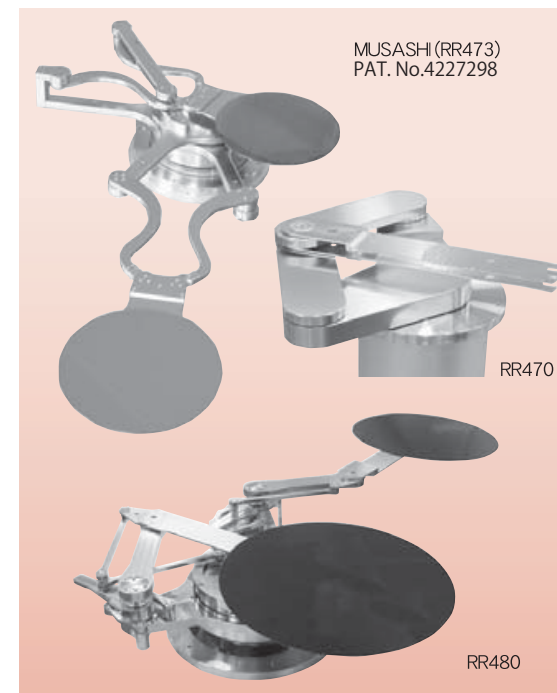
CIM Control Framework(Cimetrix PRODUCTS)

Many Vacuum Robots for Various Process Needs



Vacuum Robot

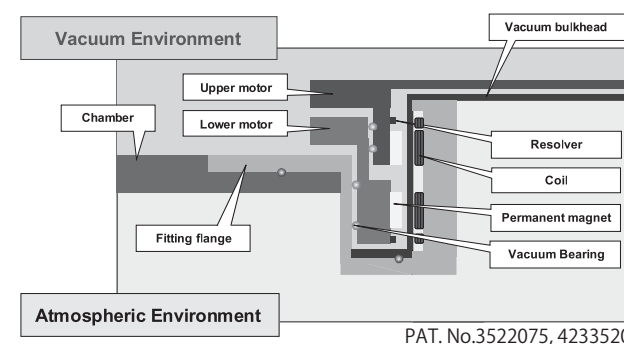
MUSASHI series RR470 series RR480 series



Features

- MUSASHI series
 1. High transfer accuracy with biaxial direct-drive motor and "frog-leg" linked-arms
 2. High Vacuum achieved by non-rubber-belt structure
- RR470 series
 1. Small-footprint chamber by boomerang arm with small turning radius
 2. Long-end-effector concept for long-reach and thinly-opened gate
- RR480 series
 1. High transfer accuracy with triaxial direct-drive motor and linked-arm
 2. High Vacuum achieved by non-rubber-belt structure
 3. Long-end-effector concept for long-reach and thinly-opened gate

Multi-Axial Direct Drive Motor in Robot



Features

1. Simplified structure without belts, gears and feed-through
2. High reliability by reduced number of robot parts (1/10 of Rorze conventional model)
3. High movement accuracy
4. Ultra High Vacuum by metal bulkhead structure for vacuum seal
5. High-speed transfer by Rorze's own "Short-Pass" Control (patented) and Direct-Drive Concept with high rigidity and low vibration