Innovative Cradle Design

Enhancing Access, Safety & Efficiency in High-Rise Building Maintenance

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Our Main Cradle Types are:

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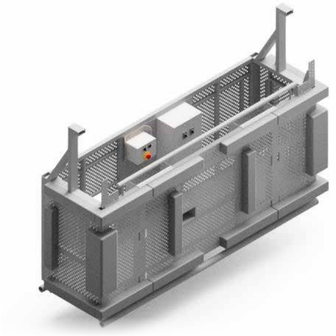
1

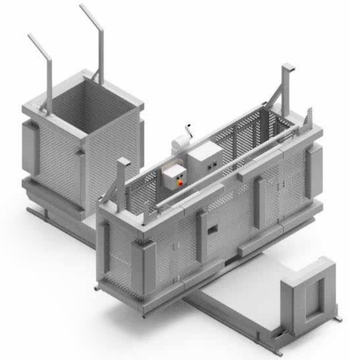


BMU Standard Cradle

2

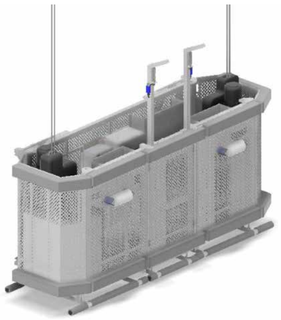
BMU Pantograph Cradle

3



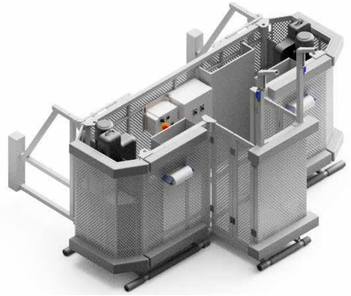
BMU Satallite Cradle

4



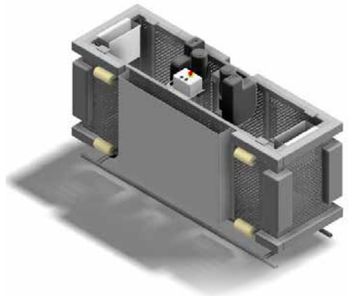
MRT Self-Climbing Cradle with suspension ropes

5



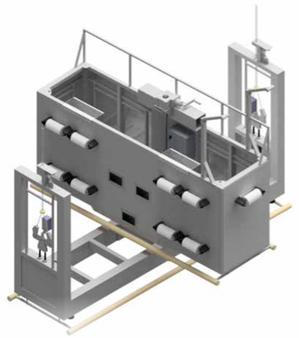
Self-Climbing Cradle with foldable pods

6



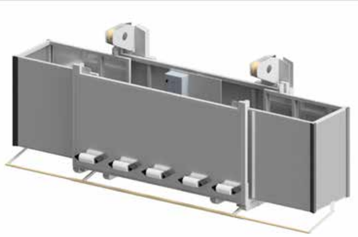
MRT Self-Climbing Cradle for Gantry set up

7



Slewing Cradles

8



Extendable Cradle

1. BMU Standard Cradle

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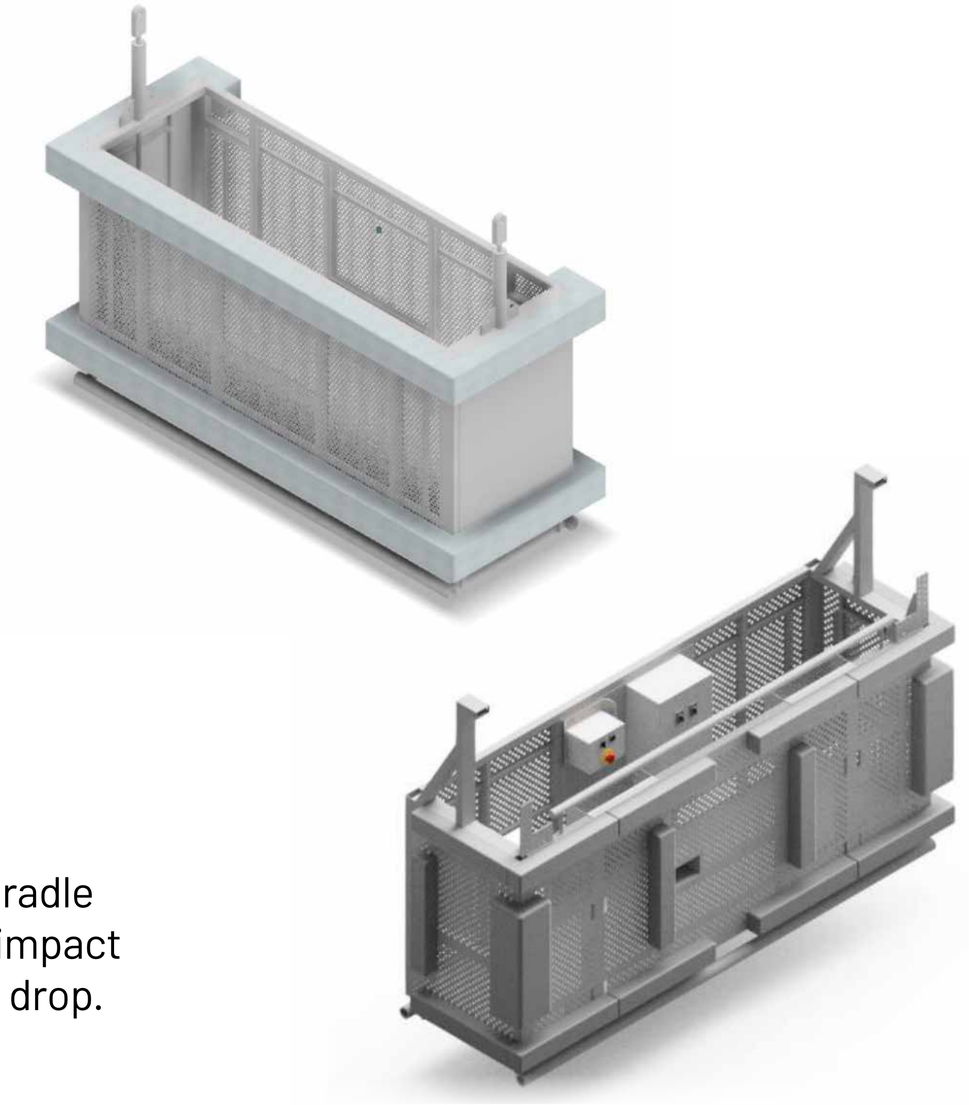

The BMU Standard Cradle comes in several sizes between 2.0m to 3.0m. Cradle is equipped with Nylon roller buffers, Reticulated foam buffers for façade impact protection and upper and lower trip bar to detect any obstruction during a drop.

Cradle panels are self-colored and fabricated from aluminum mesh.

2. BMU Pantograph Cradle

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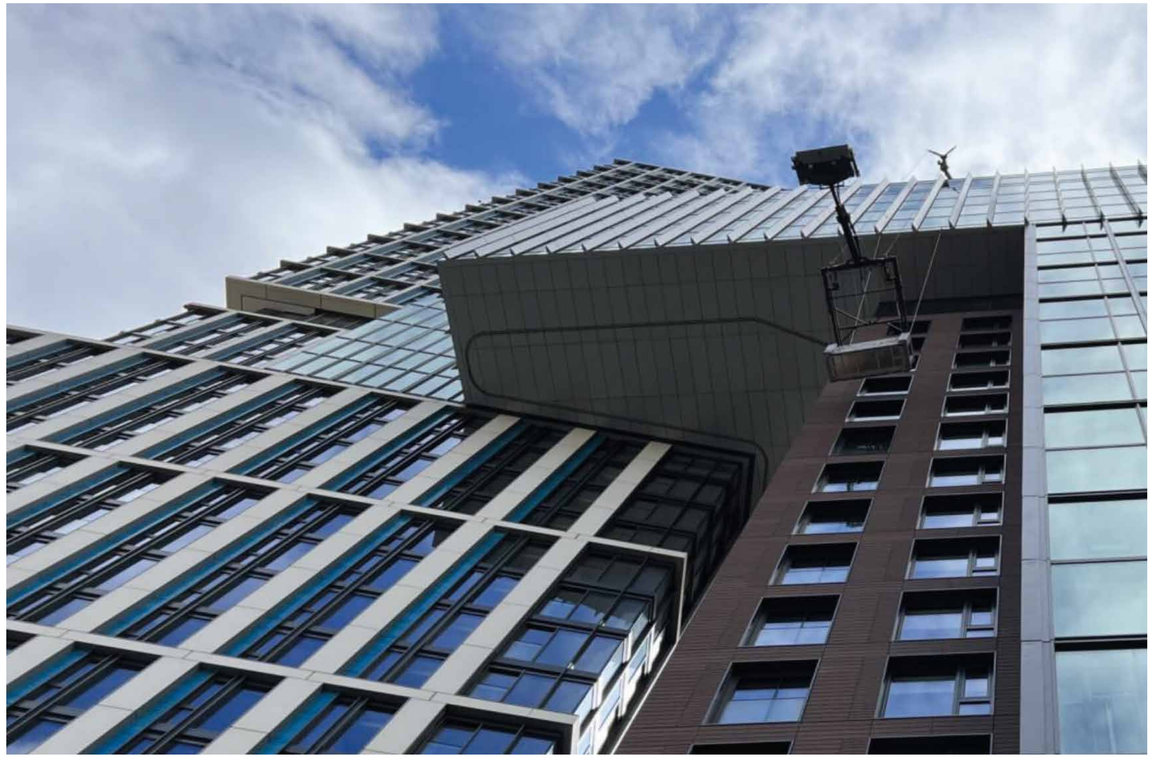

BMU Pantograph Cradle is designed to access with ease a building recess. An Upper & Lower trip bar is recommended to be included in the cradle configuration to avoid clashes with any part of the building. Cradle is equipped with Nylon roller buffers and Reticulated foam buffers for façade impact protection.

3. BMU Satellite Cradle

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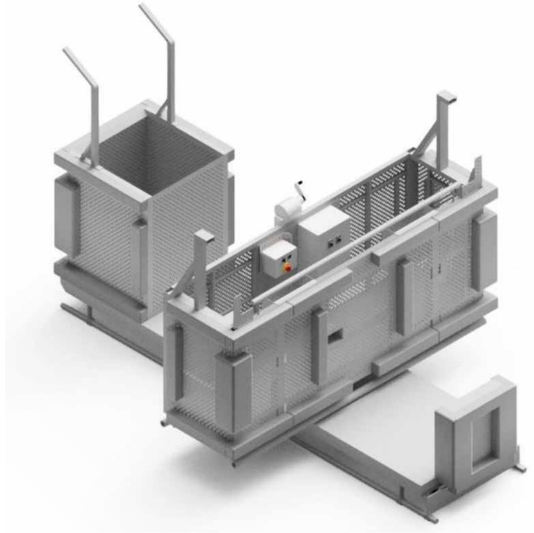

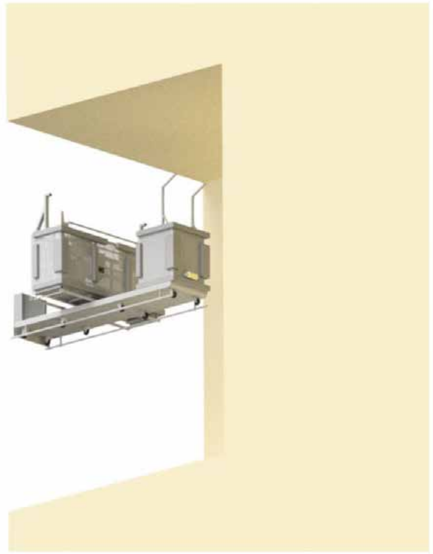

The BMU Satellite Cradle is designed to access irregular shapes of the building such as curved balcony recesses. Satellite access platform includes a satellite carriage that can be manipulated to rotate up to 360 degrees with an operative inside. The platform is equipped with Nylon roller buffers, Reticulated foam buffers for façade impact protection and upper/ lower trip bar to detect any obstruction during a drop.

4. MRT Self-Climbing Cradle with ropes

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MRT is a Motorized Cradle that traverses along a soffit rail connected via suspension ropes and a trolley used for access and maintenance. The platform is equipped with Nylon roller buffers, Reticulated foam buffers for façade impact protection and lower trip bar to detect any obstruction during a drop.

5. Self-Climbing Cradle with Foldable Ports

The deployable cradle with pods is designed to access small building recesses. The cradle in a non-deployed position can access a straight façade and once it reaches a building recess the pod can be deployed to allow one user within the recess. Standard cradle buffers are part of this cradle equipment.

6. MRT Self-Climbing Cradle for Gantry set up

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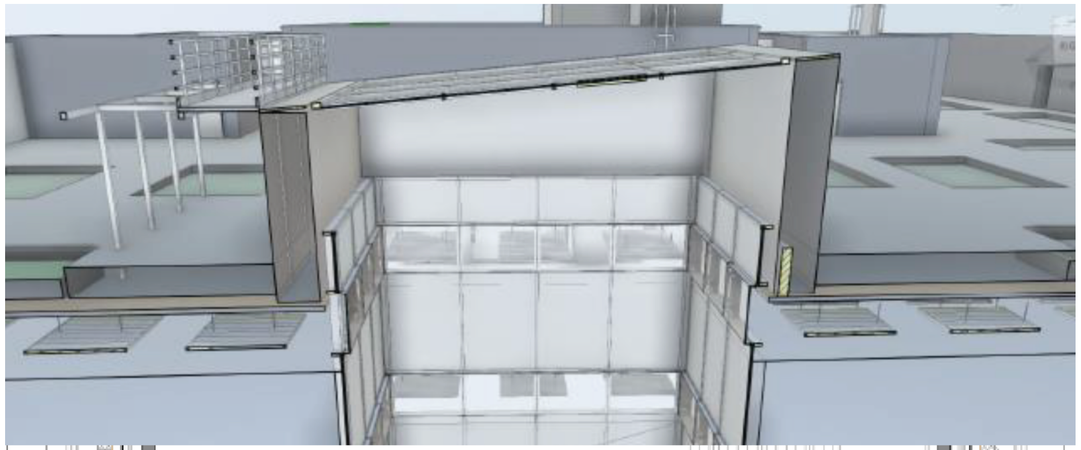
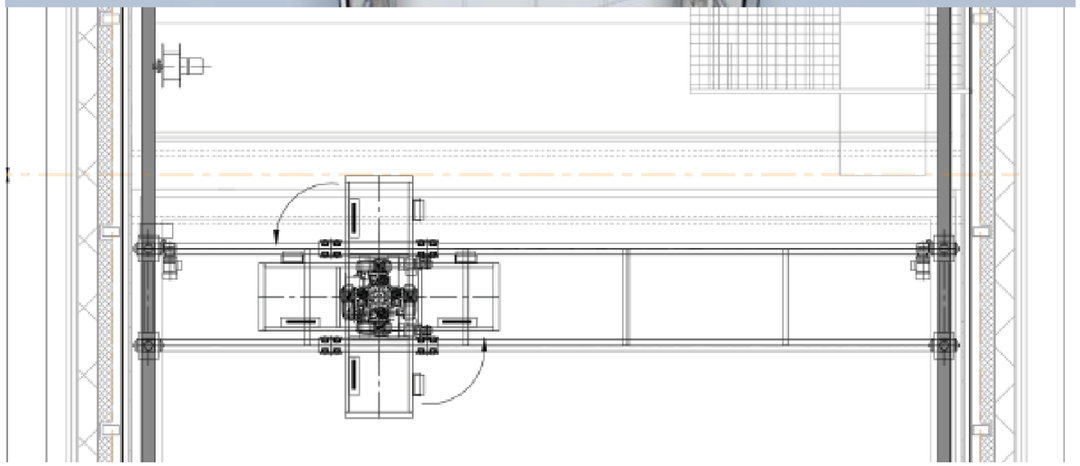
MRT – Motorized Cradle with a specific configuration for Gantry System. A Gantry system is designed for Atriums where the cradle is suspended from a twin track system that runs across entire length of the atrium. Cradle can slew +/- 90 degrees and hoist down covering each elevation.





7. Slewing Cradle

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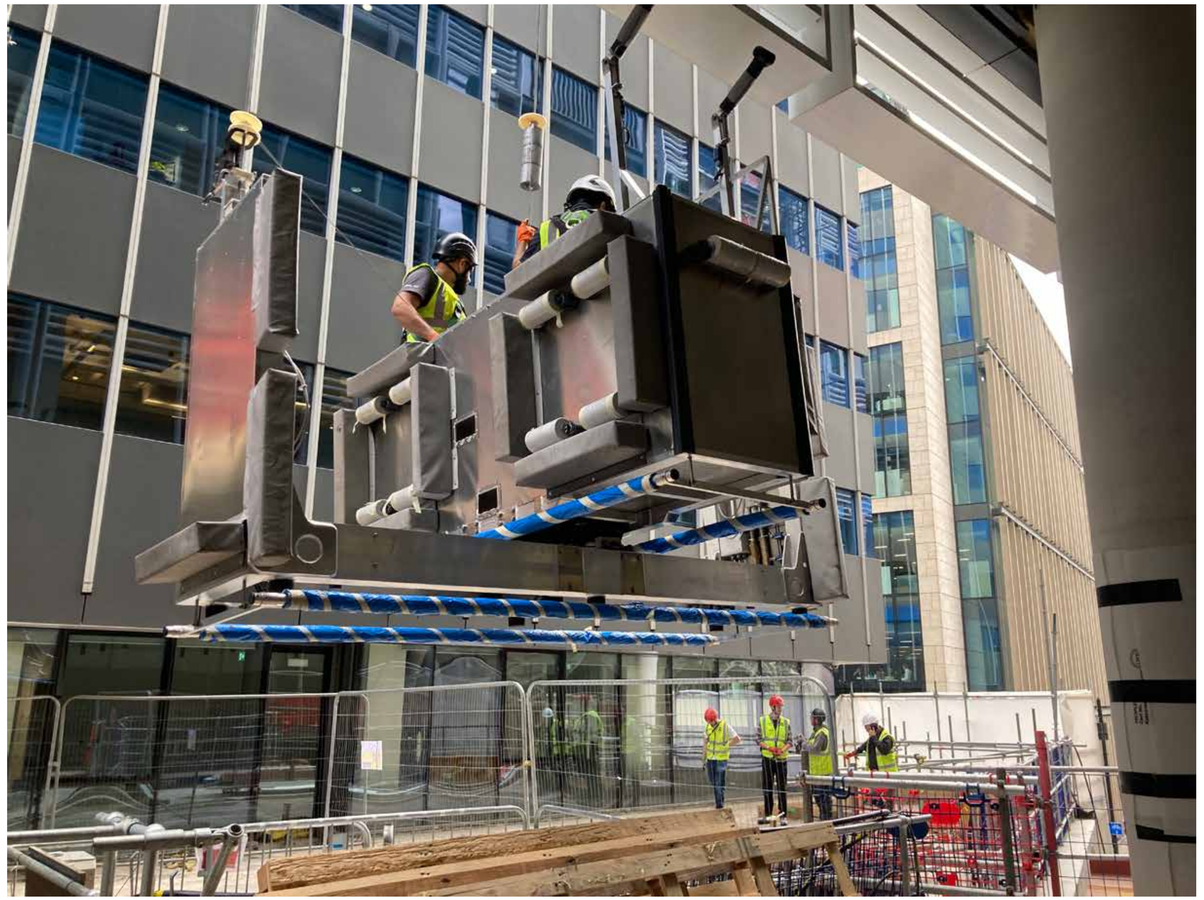
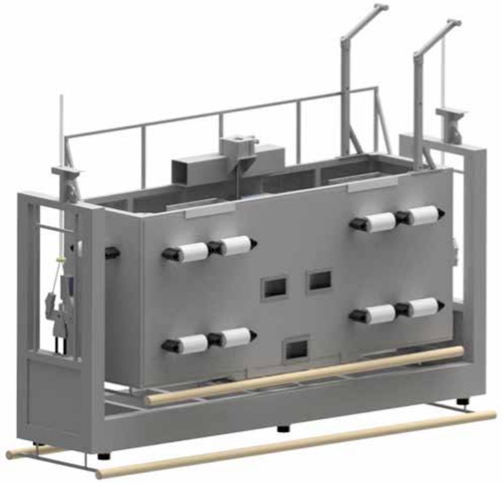
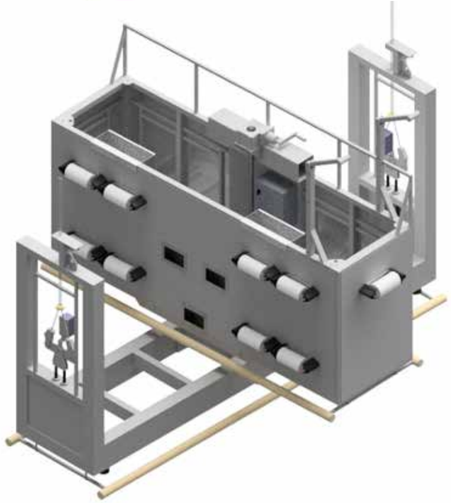
BMU Slewing Cradle is designed to access irregular shapes of the building with a recess. Cradle can spin +/-90 degrees. The platform is also equipped with Nylon roller buffers, Reticulated foam buffers to protect the façade structure from impact and upper/ lower trip bar to detect any obstruction during a drop.







8. Extendable Cradle

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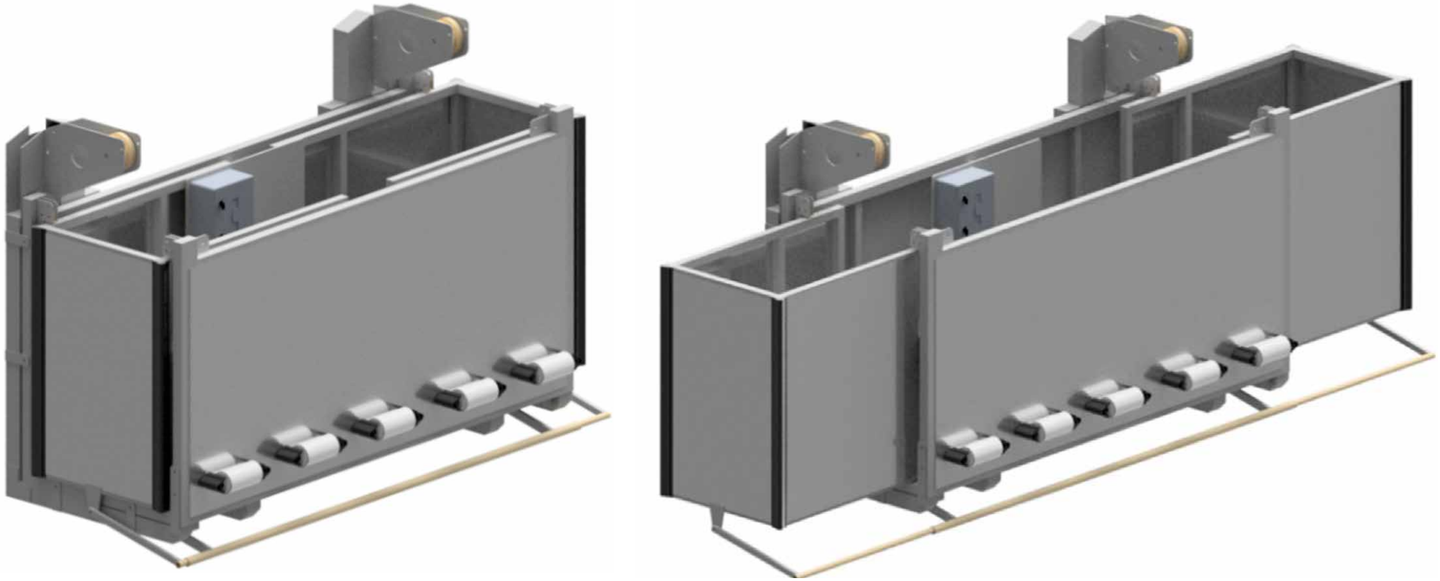

BMU Cradle with extendable sides is designed to access irregular shapes of the building with a recess or protrusion feature. This helps optimize reach for the façade. The platform is also equipped with Nylon roller buffers, reticulated foam buffers to protect the building's structure from impact and upper/lower trip bar to detect any obstruction during a drop.

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