

STRATUS™



Pump Star™ Service Module

Integrate the Pump Star™ and the Stratus™ to make pump transport more clinically advantageous. By using the Pump Star service module, pumps can be organized on one rack directly on the Stratus service module without using valuable floor space.

Moving Patients

By using the Pump Star service module, pumps can be transferred from the service module to the bed mounting plate for fast and efficient transport. Pumps and bags will travel on the bed to eliminate moving separate IV poles along with the bed when moving patients. Once the patient returns to the room, the pumps are easily transferred back to the service module to be stored on the Stratus.

How it Works

The pump rack transfers by positioning the tapered pins on the transfer bracket over the bed bracket and then lowering the rack into the bed bracket. To transfer the pump rack to the service module, simply position the service module tapered pins under the transfer bracket and raise the rack onto the service module. For loading and unloading the pump rack in other departments use the mobile Pump Star.

Organizing Pumps on the Stratus

By locating the pumps on the Stratus it makes for a more organized and efficient use of space in the caregiver zone and provides a clear path to the patient. Pumps can be attached to the pump rack at an ergonomic level where they are easy to see, use and move. Pump racks are modular and can be customized to accommodate varying pump types, quantities and sizes.



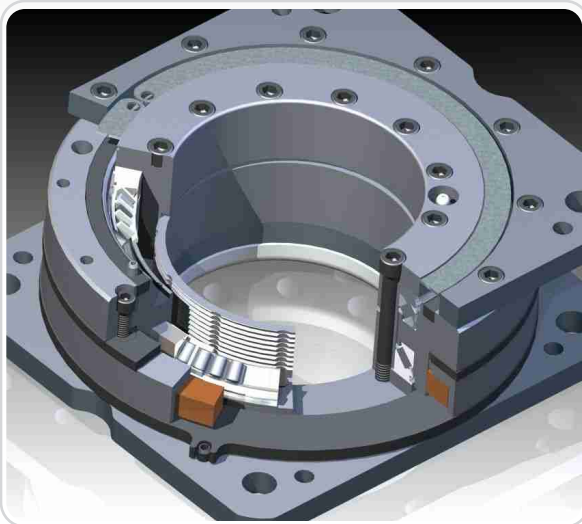
Clinical Benefits for Pump Star™ Service Module:

- Promotes pump organization
- Eliminates the need for IV poles. Makes critical patient transfers more efficient
- Pump rack travels on the bed, increasing efficiency of staff during transport
- Promotes a clear path to the patient when pumps are stored directly on the service module
- Reduces the need for heavy lifting of pumps and bags

Product Features:

- Tapered pins for easy docking
- Attaches quickly and securely
- Automatic safety control
- Hospital grade electrical power strip with cord management
- 295 lbs. Accessory load capacity

STRATUS™



Electromagnetic Brake

The Stratus™ units utilize three electromagnetic brakes for precise and reliable positioning. Modular's Brake only has one moving part insuring long life and solid reliability. That moving part, the rotor, is held in place by a permanent magnetic circuit that only requires normal power to release, reducing energy requirements and again extending the life of the system. Each of the three joints in the Stratus can be independently moved or in any combination at any time for exact positioning of the service module depending on the desired clinical configuration.

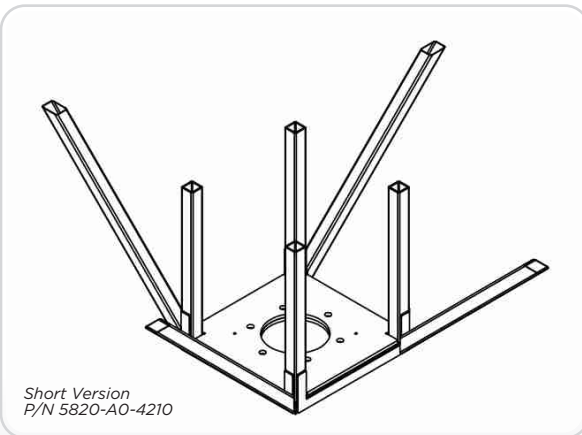
Electromagnetic Brake Product Features

- No service contract required
- No need for compressed air to move boom
- Brakes only require normal power

Stratus pre-manufactured mounting structure

Designed specifically for the Stratus™

The Stratus Superstructure provides a secure and stable platform to anchor the Stratus unit and has been specifically engineered to meet the loading, bending movement, and deflection specifications required by the Stratus.



The superstructure assembly consists of a central frame and four stabilizer struts, all of which are provided at maximum length and may be cut to fit your exact needs. The struts are provided loose with the superstructure components, and must be assembled on-site, with the ideal configuration being one strut attached to each corner of the mounting plate at 45° from the horizontal and 90° from the edge of the mounting plate, as viewed from the bottom.

Save on installation cost

To save cost of materials and shipping, Stratus superstructures are provided in three versions — short, medium and tall. The mounting plate is the same size in all versions, and the frame and struts are of shorter or longer lengths to accommodate varying heights between the structural ceiling and finished ceiling. Please refer to the Superstructure specification drawings with the dimensions most suitable for your particular installation. Specific mounting requirements must be obtained from the engineer of record.

NOTE: To avoid interference issues, it is recommended that the superstructure be installed before any water piping, med gas piping, ductwork or conduit.

Modular Services Company is a custom medical products design company with the ability to create, manufacture and service all of our unique products: Medical Headwalls, Fixed and Rotating Columns, Moveable Boom Systems, Critical Care Carts, Bed Dockers and more. With each of our products, we unite clinical function with innovative design to generate product solutions that increase productivity for the nursing staff, the architect and even the contractor. Ultimately, we help nurses provide care with greater efficiency. Modular Services Company is pioneering new territory in clinical design.



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