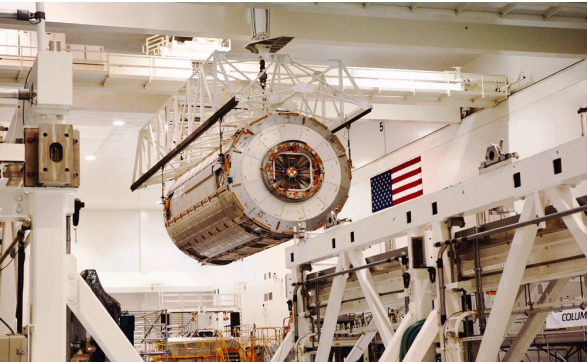


# Modular Aluminum Systems & Workstation Cranes

Ergonomic aluminum enclosed rail workstation bridge cranes, monorails, articulating jibs, and flexible ceiling/floor hanger assemblies.



- Key Product Advantages:**
- **High Strength Design:** Q355B structural steel box girders with submerged arc welding.
  - **Precision Control:** Stepless VFD variable frequency control on all hoisting and travel motions.
  - **Safety Built-in:** Overload limiters, dual travel limit switches, anti-collision sensors.
  - **Compact Headroom:** Low headroom trolley design maximizing hook vertical travel.
  - **International Compliance:** CE, ISO 9001:2015, CMAA Spec 70/74, FEM 1.001.

## Standard Engineering Parameters & Model Configurations

| Parameter           | Standard Range                 | Optional / Custom              | Standards Reference  |
|---------------------|--------------------------------|--------------------------------|----------------------|
| Rated Capacity      | 1 Ton to 100 Tons              | Up to 300 Tons Heavy Duty      | CMAA Class A - F     |
| Crane Span          | 6 m to 31.5 m (20 - 105 ft)    | Custom Span up to 45 m         | ISO 2374 / FEM 1.001 |
| Lifting Height      | 6 m / 9 m / 12 m / 18 m        | Custom up to 45 m              | DIN 15020            |
| Hoisting Speed      | 0.8 / 5.0 m/min (Dual Speed)   | Stepless VFD (0.2 - 12 m/min)  | FEM 2m / 3m / 4m     |
| Bridge Travel Speed | 5 - 20 m/min Variable          | Up to 40 m/min High Speed      | EN 15011             |
| Control Method      | Pendant Control / Radio Remote | Air Conditioned Operator Cabin | IP55 / IP65 NEMA 4X  |

**Request Detailed Engineering Drawings, Quotations & 3D CAD Models:**  
Contact our senior application engineering team for customized crane layout proposals, runway rail calculations, and fast price estimates.

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