ProservCrane Group

Free Standing Crane Systems

Efficient, Economical, Pre-Engineered & Easy to Install Free-Standing Crane Systems

A ProservCrane Free-Standing Crane System is an efficient, independent, modular crane system that is easy to install, dismantle, relocate, expand or change production layouts; an advantage when used in concrete and leased buildings, outdoors, or in any other structure not specifically designed for overhead cranes. And because runway beam connections are bolted down featuring structural rigidity; there is no need for field welding.

Our Free-Standing Crane Systems are designed and manufactured using structural steel columns that form into an unique frame design; eliminating the need for A-frame legs, X-bracing or tie-offs to a building or structure. Also, there are no crane loads imposed into the building structure so less valuable production space is required to use this system.

The design meets or exceeds CMAA, IBC, UBC, ANSI, OSHA, AISC and AISI requirements and all systems are engineered to meet rugged seismic design requirements for a durable and dependable crane structure.

Free-Standing Systems up to 10-ton capacity and 45' span are pre-engineered and fully stocked to provide low cost and quick delivery. Systems for larger spans, heights and capacities up to 40-ton are available upon request.

All ProservCrane Free-Standing Systems carry a limited warranty against defects in material and workmanship if properly installed and maintained for a period of one year from date of shipment.

CMAA®
CRANE MANUFACTURERS ASSOCIATION OF AMERICA, INC.
Member Company

ProservCrane Group

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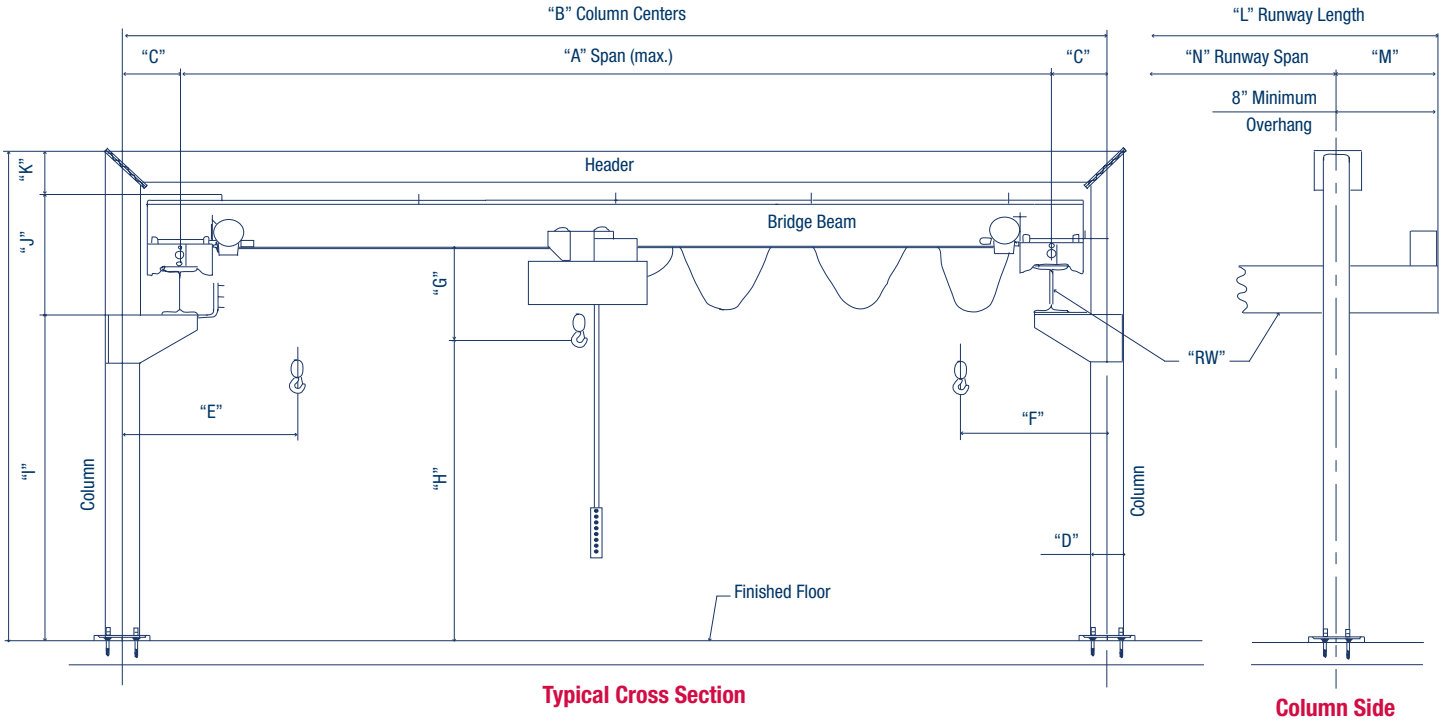
ProservCrane's Free-Standing Crane System



** Drawing shows standard measurements only.*

Features & Advantages

Hoist - Wire or chain hoist starting at 20' lift.

End Trucks - Inverter controlled bridge with end trucks that produce travel speeds of 80 or 120 FPM (VFD) complete with mounting plates, bolts and bumpers.

Bridge Control Panel - Lockable controlled mainline disconnect mainline fuse; mechanical and electrical interlocking contactors and motor protection. Power and control connections pre-wired through terminal strips to quick disconnect plugs. NEMA-12 enclosure.

Base Plate - Design allows most systems to be installed without footers. Recommended concrete is 5" deep. Systems larger than 2-ton capacity may require foundations or larger base plates. Anchor bolts not included.

Radio Control - Sliding pendant station. Upgrade options include: a) rechargeable remote control b) audible alarm that conforms with OSHA Standards.

Bridge Conductor Cables - Pre-wired to quick disconnect plugs.

Top Riding Crane - Provides higher hook heights than underhung crane type.

Free Standing Runway Frame - Standard lengths from 20' to 120'. Requires smaller foundations than fixed column type runway supports. Bolts to floor or to foundation. Custom lengths available upon request.

Runway Electrification - Insulated conductor bar installed on location. Bolted construction; no field welding required. Other conductor systems available upon request.

Runway Beam - Cranes up to 5-tons can operate on the runway beam without the added cost and weight of ASCE rails. The systems design makes it easy to align the runway span to CMAA tolerances and allows the crane to operate smoothly. Larger capacities and spans can operate efficiently on our systems, but need the added support of ASCE or square bar rails.

Coating - The crane and frame structure are blast cleaned and coated with a primer and safety yellow enamel finish for an attractive, tough and durable surface. Other colors are available upon request.

For more information on ProservCrane's Free-Standing Crane Systems contact your ProservCrane representative at a number listed below.