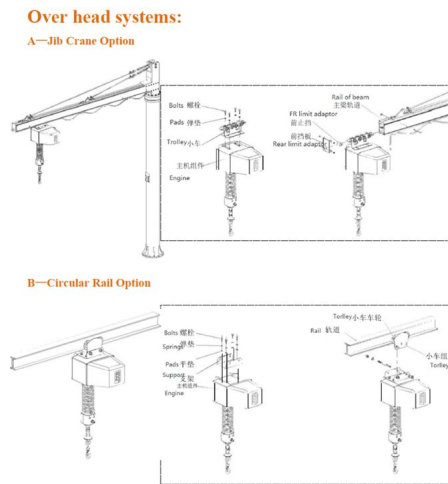


PRODUCT SPECIFICATION

ET-CR-RAIL

Lightweight Workstation Crane System

ET-CR-RAIL provides an overhead rail and trolley arrangement for positioning a suspended lifting device. It is specified around workstation coverage, headroom, lifting-device weight, workpiece load and the supporting structure; it has no single standard load or span.



Series reference image.

Drive: Project-specific

Mounting: Overhead rail and trolley

Materials: Depends on the lifting attachment

Configuration, complete technical data and selection guidance

Read the specified load and movement with their conditions. This document supports purchasing and project definition; the supplied equipment instructions govern operation and maintenance.

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Technical specifications

Parameter	Specification
Structural specifications	Customized for coverage, lifter weight, workpiece load and foundation conditions
Structural arrangement	Overhead rail and trolley

Model configuration and selection

ET-CR-RAIL provides an overhead rail and trolley arrangement for positioning a suspended lifting device. It is specified around workstation coverage, headroom, lifting-device weight, workpiece load and the supporting structure; it has no single standard load or span.

Map the required travel path and the building or independent support points. The rail route determines where the lifting unit can travel; the tube, hoist or balancer determines vertical motion. Define those two scopes separately. The order must identify the support structure, lifting device and end tool individually; an illustrated lifting unit is not an automatically included accessory.

Compare model configurations

Selection point	ET-CR-GANTRY	ET-CR-RAIL	ET-CR-FOLD	ET-CR-WALL
Structural arrangement	Gantry-supported bridge	Overhead rail and trolley	Articulated folding jib	Wall or existing-column mounting

A dash means no value is specified for that comparison field; it does not mean zero or an included feature. Read each model's complete technical data with its operating conditions.

Equipment and intended application

The crane or workstation structure supports the lifting device and its load over the intended working area. A column-and-arm structure, a complete vacuum-jib system and a cylinder/pad assembly are different supply scopes. The scope specified below determines what must be added to form a working system.

Application and integration requirements

Topic	Details
Coverage	Plot the pickup and placement positions, arm sweep or rail travel and obstructions. Arm length is not the same as unobstructed usable reach.
Headroom	Allow for the structure, trolley, hoist or cylinder, attachment and workpiece. Check the highest placement and lowest pickup against the complete installed assembly.
Foundation or support	Assess the column foundation, wall or overhead structure for the full system loads. Do not infer an anchor size or foundation depth from rated capacity alone.

Installation, inspection and service checks

Topic	Details
Installation	Use the approved structural arrangement and foundation/anchor design. Check alignment, fixings, travel stops and routing of utilities.
Commissioning	Test movement and controls unloaded, verify the lifting attachment and complete the prescribed load checks before production.
Maintenance	Inspect structural connections, trolley or pivot wear, stops and the lifting assembly. Stop operation when loose fixings, distortion or abnormal travel is found.

Troubleshooting priorities

Topic	Details
Unexpected grip, motion or control behaviour	Stop with the workpiece supported. Inspect the affected connection, contact area and power or air supply, then follow the installed equipment instructions before returning to service.
Replacement does not fit or changes performance	Check the component identity and system configuration. Do not modify interfaces or bypass protective functions to make a substitute fit.

Frequently asked questions

Does ET-CR-RAIL have a universal load rating?

Specify workstation coverage, headroom, supporting structure, lifting-device mass and workpiece load. These inputs define the crane configuration and its permitted system load.

What determines compatibility?

Plot the pickup and placement positions, arm sweep or rail travel and obstructions. Arm length is not the same as unobstructed usable reach.

What needs checking beyond the listed size or load?

Allow for the structure, trolley, hoist or cylinder, attachment and workpiece. Check the highest placement and lowest pickup against the complete installed assembly.

What defines the supplied configuration?

The specified model, listed technical arrangement and accepted options define the product. Project drawings, utilities, accessories and installation interfaces must describe the same configuration.

Information for application assessment

- Identify the workpiece material, dimensions, mass, contact surface and centre of gravity. Include the least favourable item in a mixed production range.

- Describe pickup and placement positions, required orientation changes, handling frequency and the site layout.
- Identify the available power or air supply and any host machine, crane, support structure or interface that must be retained.
- State the destination market and required documentation, accessories and packing constraints so the proposed configuration can be assessed as a complete system.

Document scope

This product specification supports equipment selection and project definition. It includes the model data and application guidance presented on the product page. The operating instructions supplied for the actual machine govern commissioning, testing, maintenance procedures and safe use; this specification does not replace them.

[View this model on the Easytech website](#)

Contact Easytech

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