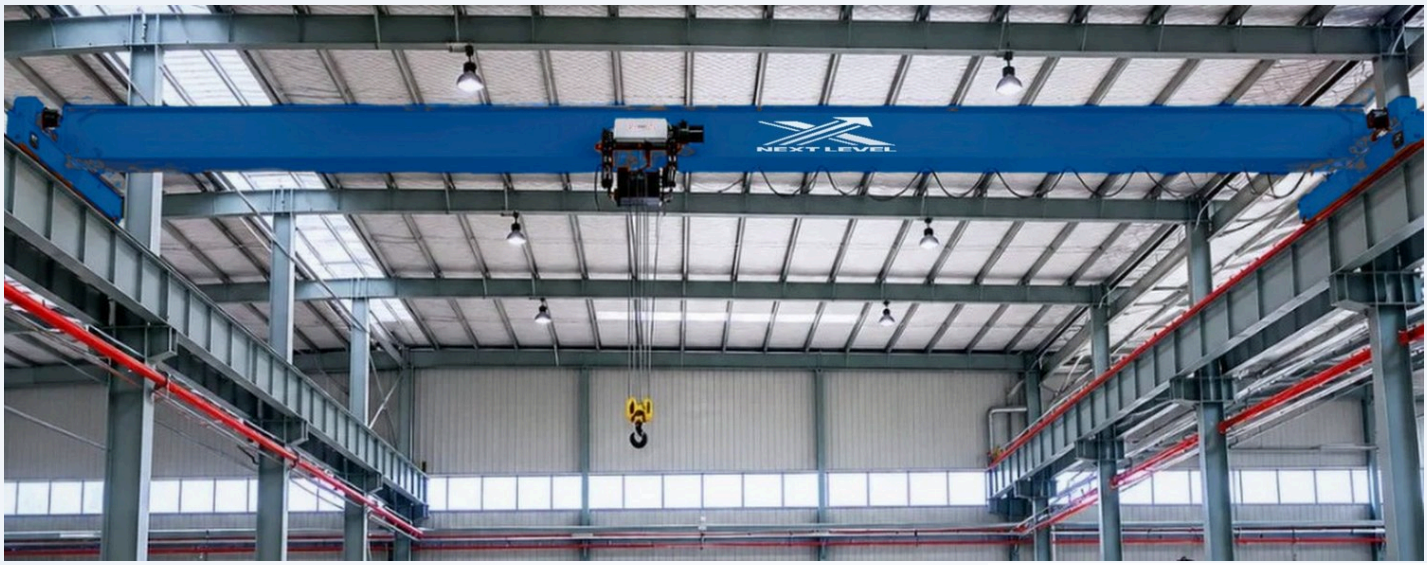
CRANE SYSTEMS

TECHNICAL SPECIFICATION SHEET

TOP RUNNING CRANE

Single-girder overhead crane · standard package

A single-girder top-running crane for a 50 ft × 90 ft bay.



Single-girder top-running crane, installation photo

50′ × 90′ Bay covered (15.2 × 27.4 m)	**18 ft** Overall height (5,486 mm)	**2,000 lb** Capacity, 1 US ton (907 kg)	**0–98 ft/min** VFD bridge travel (0–30 m/min)
43 ft/min Motorized trolley travel	**13.1 / 3.3 ft/min** Two-speed hoist (4 / 1 m/min)	**Wireless** Remote control, 48 V	**Top running** Single girder, RAL 5017

The RAL 5017 bridge runs on P18 rails above the runway beams at up to 98 ft/min, the hoist trolley is motorized, and everything runs from a wireless remote. Installation and delivery are in the price.

KEY FEATURES

- **Built to your drawing**
  Columns, runway beams and the bridge girder are fabricated from S355-equivalent structural steel to the approved drawing.
- **Scale up in the planner**
  2, 5 or 7.5 tons single girder, or 5, 7.5 or 10 tons double girder, with the price and a preliminary drawing at once.
- **Spares in the crate**
  A spare remote, limit switch and wheel bearings ship with the crane.
- **Wireless remote**
  48 V control; one remote for bridge, trolley and hoist.

APPLICATIONS Shop-wide lifting over saws, CNCs and slab storage; unloading slab bundles and containers inside the building; long bays where a workstation runway would need many supports; heavier capacities with a wire-rope hoist (crane planner).

TOP RUNNING CRANE · TECHNICAL DATA

CRANE SYSTEMS

STANDARD PACKAGE	
Overall size (W × L × H)	50′-0″ × 90′-0″ × 18′-0″ (15,240 × 27,432 × 5,486 mm)
Capacity	1 US ton (2,000 lb / 907 kg)
Bridge	Single girder, top running, one bridge
Column pairs	4 pairs (8 columns)
Column bays	28′-8″ × 3 (8,738 mm)
Start / end overhang	1′-6″ / 2′-6″ (457 / 762 mm)
Runway sections, per side	32′-8″ / 28′-8″ / 28′-8″ (9,957 / 8,738 / 8,738 mm)

TRAVEL AND HOIST	
Bridge travel	Motorized, 0–98 ft/min (0–30 m/min), variable-frequency drive
Trolley travel	Motorized, 43 ft/min (13.2 m/min)
Hoist	Two-speed electric chain hoist, 1 US ton
Hoisting speed	13.1 / 3.3 ft/min (4 / 1 m/min), two speeds
Control	Wireless remote; 48 V control voltage
Duty class	A5

STRUCTURE	
Steel	S355-equivalent structural steel
Crane rail	P18 steel rail (18 kg/m)
Bridge girder	Girders over 37′-9″ (11.5 m) ship in two or more pieces, bolted on site

STRUCTURE (CONT.)	
Finish	RAL 5004 columns and runway beams; RAL 5017 bridge

POWER AND SERVICE	
Power	240 V / 60 Hz / 3-phase
Spares included	Remote, limit switch and wheel bearings
Warranty	2-year limited warranty

MORE CAPACITY IN THE CRANE PLANNER	
5 / 7.5 US tons	Wire-rope hoist, 0–16.4 ft/min (0–5 m/min) lifting, trolley 0–65.6 ft/min (0–20 m/min)
Double girder	5, 7.5 or 10 US tons, wire-rope hoist; quoted in the crane planner
Size	20–60 ft wide, 12–25 ft high, up to 200 ft long in the crane planner

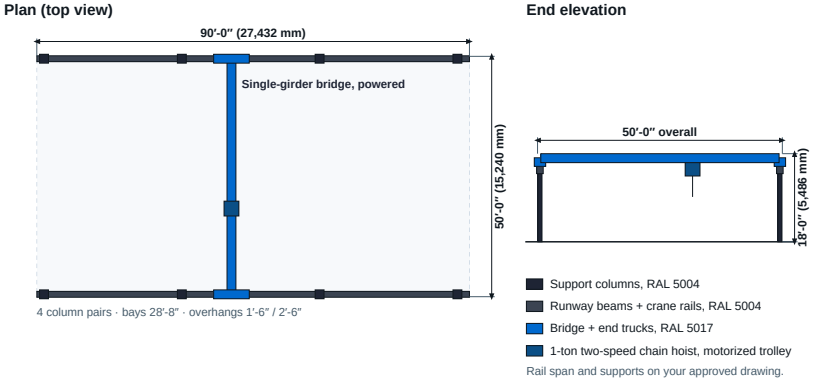
FOOTPRINT	
Column bays	28′-8″ × 3; overhangs 1′-6″ / 2′-6″
Runways	2 × 90′ runway beams with P18 crane rail

BRIDGE	
Girder	Single girder, RAL 5017, powered end trucks
Hoist	1-ton two-speed chain hoist on a motorized trolley
Control	Wireless remote, 48 V control

INCLUDED AS STANDARD

- 8 columns, 2 × 90 ft runway beams and P18 crane rail
- Single-girder RAL 5017 bridge with powered end trucks
- Two-speed chain hoist on a motorized trolley; wireless remote
- Spares: remote, limit switch, wheel bearings
- Installation and delivery, included in the price
- 2-year limited warranty

LAYOUT AND DIMENSIONS



The standard package, drawn to scale. Your approved drawing comes with the order.

Factory quotations and the Next Level standard-package layout. U.S. values first, metric rounded. Specifications are subject to change without notice. Images may show optional equipment. All dimensions and weights are approximate; U.S. values are converted from the factory's metric data. Document date: Nov 2026. Next Level Enterprises · www.nextlevel.plus · +1 941-900-3018 · sales@nextlevel.plus