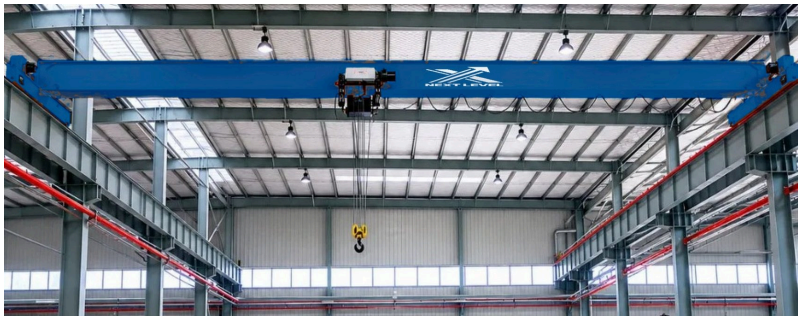
TOP RUNNING CRANE

Single-girder overhead crane · standard package



Single-girder top-running crane, installation photo

PRODUCT OVERVIEW

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



Girder and hoist (photo)



Two-speed chain hoist

50′ × 90′	18 ft	0–98 ft/min	Wireless
Bay covered (15.2 × 27.4 m)	Overall height (5,486 mm)	VFD bridge travel (0–30 m/min)	Remote control, 48 V

KEY SPECIFICATIONS

Bridge	Single girder, top running, RAL 5017
Bridge travel	Motorized, 0–98 ft/min (VFD)
Trolley travel	Motorized, 43 ft/min
Hoist	Two-speed electric chain hoist
Hoisting speed	13.1 / 3.3 ft/min (4 / 1 m/min)
Control	Wireless remote, 48 V
Power	240 V / 60 Hz / 3-phase
Warranty	2-year limited

BIGGER, HEAVIER, WIDER

Go to 2, 5 or 7.5 tons single girder, or 5, 7.5 or 10 tons double girder, 20–60 ft wide and up to 200 ft long, in the Build Your Shop crane planner, with the price and a preliminary drawing at once.

IDEAL 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).

INCLUDED CONFIGURATION

- 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.

BEFORE YOU ORDER

Confirm the column positions, the clear height over 18 ft and a 240 V / 60 Hz / 3-phase supply. Your approved drawing fixes the rail span and supports; production starts after approval.

SINGLE GIRDER. POWERED TRAVEL.

Rails over the runway beams; every motion on one wireless remote.

ONE REMOTE, EVERY MOTION

Bridge, trolley and hoist run from the wireless remote; bridge travel goes through a variable-frequency drive for smooth starts and stops.

WORKSTATION, TOP RUNNING OR JIB?

	Workstation	Top Running	Gorbel Jib Package
Standard size	35′-8″ × 75′ × 14′	**50′ × 90′ × 18′**	16′ span, 12′ high
Capacity	1 US ton	**1 US ton**	1 US ton
Structure	Freestanding columns, enclosed trussed runways	**Columns, runway beams and crane rails**	Free-standing mast on a slab, no foundation pour
Travel	Push bridge and trolley	**Motorized bridge and trolley, wireless remote**	Push trolley, 360° manual rotation
Included	Hoist, delivery, installation	**Hoist, delivery, installation**	Gorbel hoist, AVLP4PRO lifter, freight, installation

Standard packages. Other sizes and capacities in the Build Your Shop crane planner on nextlevel.plus.

Built to your drawing

Columns, runway beams and the bridge girder are fabricated from S355-equivalent structural steel to the approved drawing. The powered end trucks run on P18 rails on top of the runway beams; girders longer than 37′-9″ (11.5 m) ship in two or more pieces and bolt together on site.

Spares in the crate

A spare remote, limit switch and wheel bearings ship with the crane.

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.

Wireless remote

48 V control; one remote for bridge, trolley and hoist.

Photos: crane manufacturer's installation photos, background removed, girder shown in the Next Level colors (RAL 5017).

TECHNICAL SPECIFICATIONS

Top Running Crane · standard package · technical data

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
Finish	RAL 5004 columns and runway beams; RAL 5017 bridge

POWER AND SERVICE

Spares included	Remote, limit switch and wheel bearings
Warranty	2-year limited warranty

MORE CAPACITY IN THE CRANE PLANNER

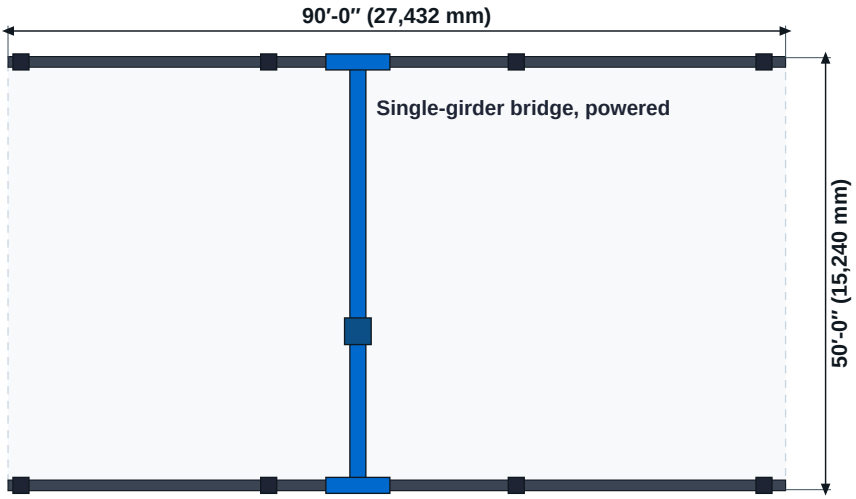
5 / 7.5 US tons	Wire-rope hoist, 0–16.4 ft/min (0–5 m/min) lifting, trolley 0–65.6 ft/min (0–20 m/min)
Double girder	5, 7.5 or 10 US tons, wire-rope hoist; quoted in the crane planner
Size	20–60 ft wide, 12–25 ft high, up to 200 ft long in the crane planner

Factory quotations and the Next Level standard-package layout. U.S. values first, metric rounded. Specifications are subject to change without notice.

LAYOUT AND DIMENSIONS.

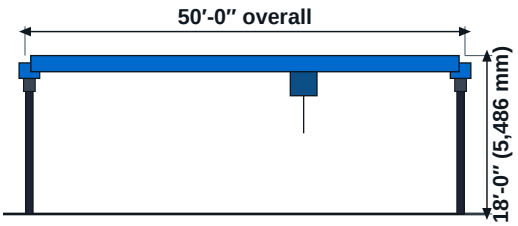
The standard package, drawn to scale. Your approved drawing comes with the order.

Plan (top view)



4 column pairs · bays 28′-8″ · overhangs 1′-6″ / 2′-6″

End elevation



- Support columns, RAL 5004
- Runway beams + crane rails, RAL 5004
- Bridge + end trucks, RAL 5017
- 1-ton two-speed chain hoist, motorized trolley

Rail span and supports on your approved drawing.

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

Questions, or ready for a written quotation? **+1 941-900-3018** · **sales@nextlevel.plus** · **nextlevel.plus**

Site: column positions and foundations per the approved drawing, clear height above 18 ft, 240 V / 60 Hz / 3-phase supply. Installation includes crew travel and lodging; the customer pays scissor-lift and forklift rentals.