

# KNOX KERSHAW KBC 2100 BRIDGE CRANE

## OVERVIEW

Knox Kershaw's KBC2100 Tie Handling Bridge Crane is capable of handling 1200 lbs. at a radius of 24 ft. from track centerline. The 4000 lb. capacity winch easily handles caps and stringers within a radius of 10 ft. from track centerline. Center locking rail dogs clamp the machine to the rails for working over the side. The upper deck and tie grapple are capable of 360° rotation. The boom can also swing 60° in either direction and the grapple can tilt. Boom and grapple design provides the ability to replace ties, caps, and stringers quickly, with minimal manpower.

## PERFORMANCE

**Frame:** Heavy duty all welded reinforced construction to withstand loading and provide long life. Minimal tail swing to reduce the possibility of fouling the adjacent track (on 11'-6" centers).

**Engine:** Cummins QSB4.5, 110 hp, Tier 3, 24V electrical system

**Wheels and Brakes:** 20" cast steel wheels. Service brakes are air applied, spring released; and parking brakes are spring applied, air released on all wheels

## SYSTEMS

**Hydraulic System:** Pressure compensated pump (direct coupled to engine) provides power for propel and all boom/grapple operations. A gear pump (coupled to pressure compensated pump) is provided for continuous cooling and polishing of the hydraulic oil.

## DIMENSIONS

Weight	22,000 lbs.
Length	31' 0" (extended) 18' 4" (retracted)
Width	8' 10"
Height	9' 5" (extended) 14' 5" (retracted)

## OTHER FEATURES

**Cab:** Fully enclosed cab includes ergonomic seat with joystick controls for all boom operations. Air conditioner with heater and pressurizer are standard equipment. Equipped with travel lights, work lights, brake lights, strobe light, horn, and fire extinguisher.

**Options:** Series/Parallel propel, Extended cab, Hydraulic drive A/C, Insulated wheels, Basket grapple, Two tie grapple, Toolbox, Lexan windows, Rear window wiper, Bumper kit, Brush cutter attachments, Manual or electric replenishment pump, Test stations.

