

Upper Structure

Grove GHC55

55 USt. EXTENDABLE BOOM CRANE

Unmatched capacity

- 50 t (55 USt) rated
- Excellent capacities at mid-range: 4800 kg (11,600 lb) at a radius of 16 m (50 ft) with 19,8 m (65 ft) of boom
- Superior capacities at reach: 2200 kg (4,900 lb) at a max radius of 26 m (85 ft)

Outstanding versatility and durability

- 45,4 m (149 ft) maximum tip height with optional 13 m (42 ft 8 in) offsettable boom extension with fly for increased reach
- Optional auger, pole claw and personnel basket attachments provide maximum versatility on the job
- Cummins QSB 4.5L Tier 3 or Tier 4 final diesel engine — proven performance that conforms to EPA requirements
- Greater productivity with 6,455 kg (14,230 lb) maximum hoist pull on both main and auxiliary hoists

Excellent serviceability

Central, easily accessible lubricating points
Optional automatic central lubrication system
Removable access platforms on both sides of the upper carriage
Work lights in both the engine and hydraulic compartments
3-micron filters provide optimal protection, cleaner oil and extended oil service life

Versatile attachments

- Standard 6,5 m (21 ft 4 in) offsettable swingaway boom extension
- Optional 6,5 m (21 ft 4 in) fly extension to be used with standard boom extension for a total of 13 m (42 ft 8 in)
- Optional auger with three flighting sizes
- Optional pole claw
- Optional 544,3 kg (1,200 lb) personnel basket

Outstanding operator ergonomics in a large, high-visibility cab

- 15° tilt cab
- Load-sensing, electric dual-axis joystick controls
- Air-suspended, heated operator seat
- Color monitor for up to four exterior cameras
- Graphical RCL for load moment with advanced crane performance optimization and diagnostics
- Climate control provides all day comfort

Carbody Structure

- Extreme Duty Welded Steel Structure (FEA Designed for Infinite Service Life)
- Integral Heavy Duty Swing Bearing Mount
- Heavy Duty End Plates for Track Cleaning
- Standard AAR Type E-60 Couplers with MK50 Draft Gear

- Steps and Hand Grabs on Both Ends
- Heavy Duty Center Bolts
- 16" Replaceable Bolt On Center Plates Oiled From Carbody Deck
- Large Internal Ballast Pockets (No External Ballast Needed)
- Carbody Ballast Supplied and Installed
- Greased Tip Blocks
- Large Internal Area in Swing Bearing Mount for Installing Swivel Post and Travel Circuitry allows for Easy Maintenance
- Install Sennebogen Supplied Swing Bearing with Hardware, Grease Pan and Seal

Truck Assemblies

- Two, Norris 125 Ton, Standard Gauge Truck Assemblies
- 7 x 12 AAR Journal Bearings
- Heavy Duty, Reinforced Side Frames
- Heavy Duty Bolsters with 16" Center Plate Pockets and Replaceable Wear Liners
- Captive Axles (Secures Axles In Side Frames if Raised Off Track)
- 33" Multi-Wear Wheels
- AAR Spring Load Suspension
- Fully Sealed Transmission
- Oil Submerged Bearings and Gears
- Heavy Duty Roller Bearing Axle Mounts with Rubber Lip Seal (Replaces Brass Bushing Type)
- Hydraulic Operated Disc Brakes with Positive Pressure Return (No Return Spring Required)
- Brakes Mounted and Protected on Inside of Truck Assemblies (Not Hanging or Outside of Side Frame)
- Sundstrand Hydraulic, Variable Displacement Travel Motors
- Sunsource Hydraulic Travel Valves
- Rail Crane Hydraulic Swivel Post
- Disengaging Slide Gear for Towing and Assembly

Weights and Dimensions

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| <input type="checkbox"/> Upper Structure | 70,000 Lbs.(est.) |
| <input type="checkbox"/> Carbody and Truck Assemblies | 134,000 Lbs. |
| <input type="checkbox"/> Installed Carbody Ballast | 100,000 Lbs. |
| <input type="checkbox"/> Working Weight | 334,000 Lbs. |
| <input type="checkbox"/> OAL Length Coupler to Coupler | 34' |
| <input type="checkbox"/> Carbody Height From Rail | 56" |
| <input type="checkbox"/> Carbody Width | 10' |
| <input type="checkbox"/> Truck Centers | 15' |
| <input type="checkbox"/> Wheel Centers | 72" |