

GHC140

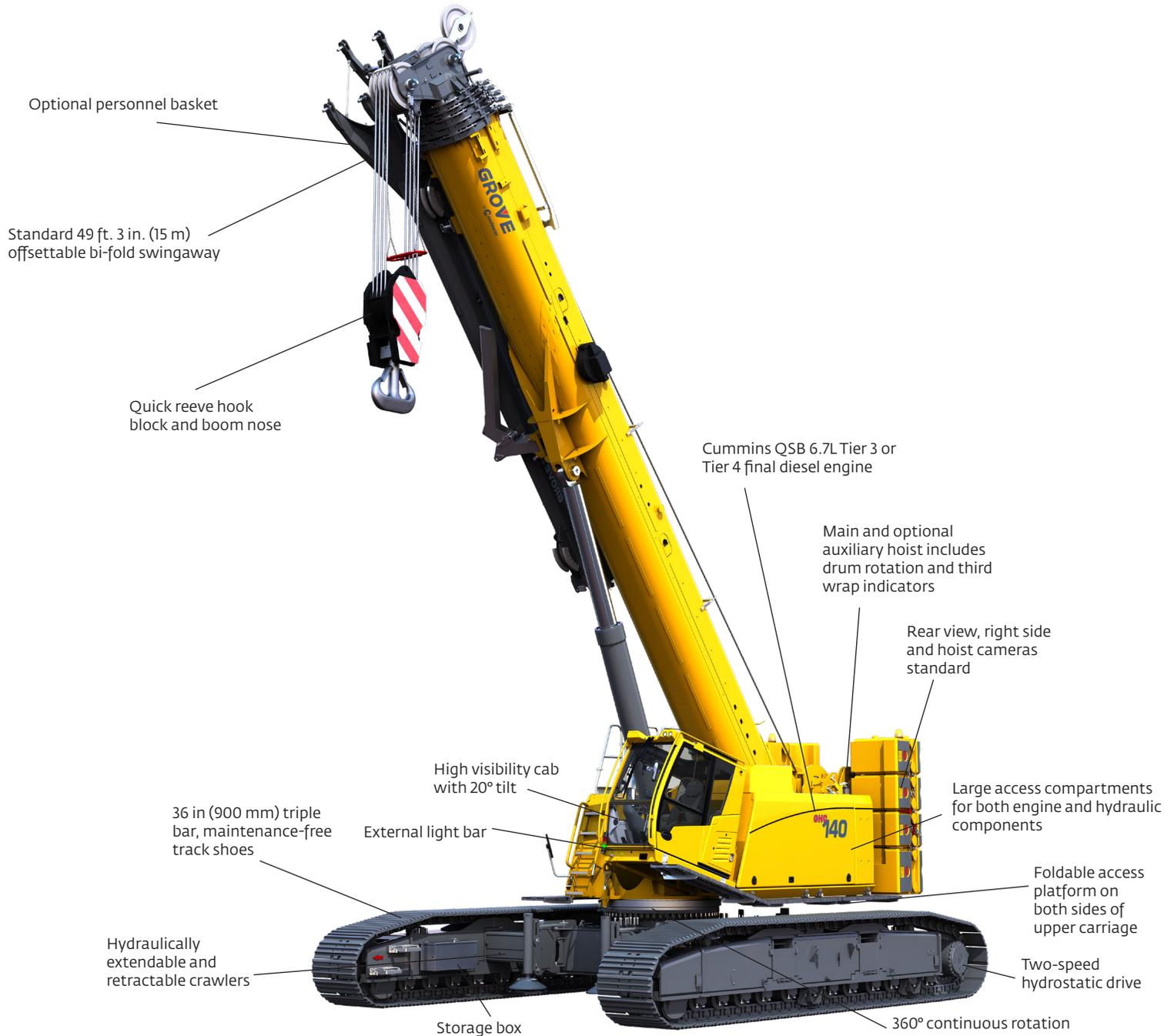
GROVE[®]
by **Manitowoc**

Capacity: 127 t (140 USt)

Main boom: 40 ft - 171 ft (12,2 m - 52,1 m) six-section pin boom

Maximum boom extension: 49 ft 3 in (15 m) offsettable
bi-fold swingaway

Maximum tip height: 229 ft 8 in (70 m)



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Manitowoc[®]

GHC140

Outstanding versatility and durability

- 229 ft 8 in. (70 m) maximum tip height with optional 49 ft. 3 in. (15 m) offsettable bi-fold boom extension for increased reach
- Cummins QSB 4.5L Tier 3 or Tier 4 final diesel engine — proven performance that conforms to EPA requirements
- Strong capacities for any jobsite with load charts at 0.3°, 1.5° and 4°.
- New 1.5° charts provide versatility with unmatched capacities.
- 57% gradeability (theoretical), allowing the operator to tackle the most daunting terrains

Quick and easy transport

- Transports to the jobsite in four or five loads
- Retracted gauge for transport width
- Self-assembly counterweight
- Undercarriage frame with jacks for easy self-assembly of crawlers

Excellent serviceability

- Central, easily accessible lubricating points
- Foldable 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
- Storage box for tools, rigging equipment

Strong undercarriage with excellent mobility

- 100% pick and carry
- Two-speed hydrostatic drive
- Hydraulically extendable and retractable crawlers
- Allows for skid steering and counterrotation

Outstanding operator ergonomics in a large, high-visibility cab

- 20° 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

Versatile attachments

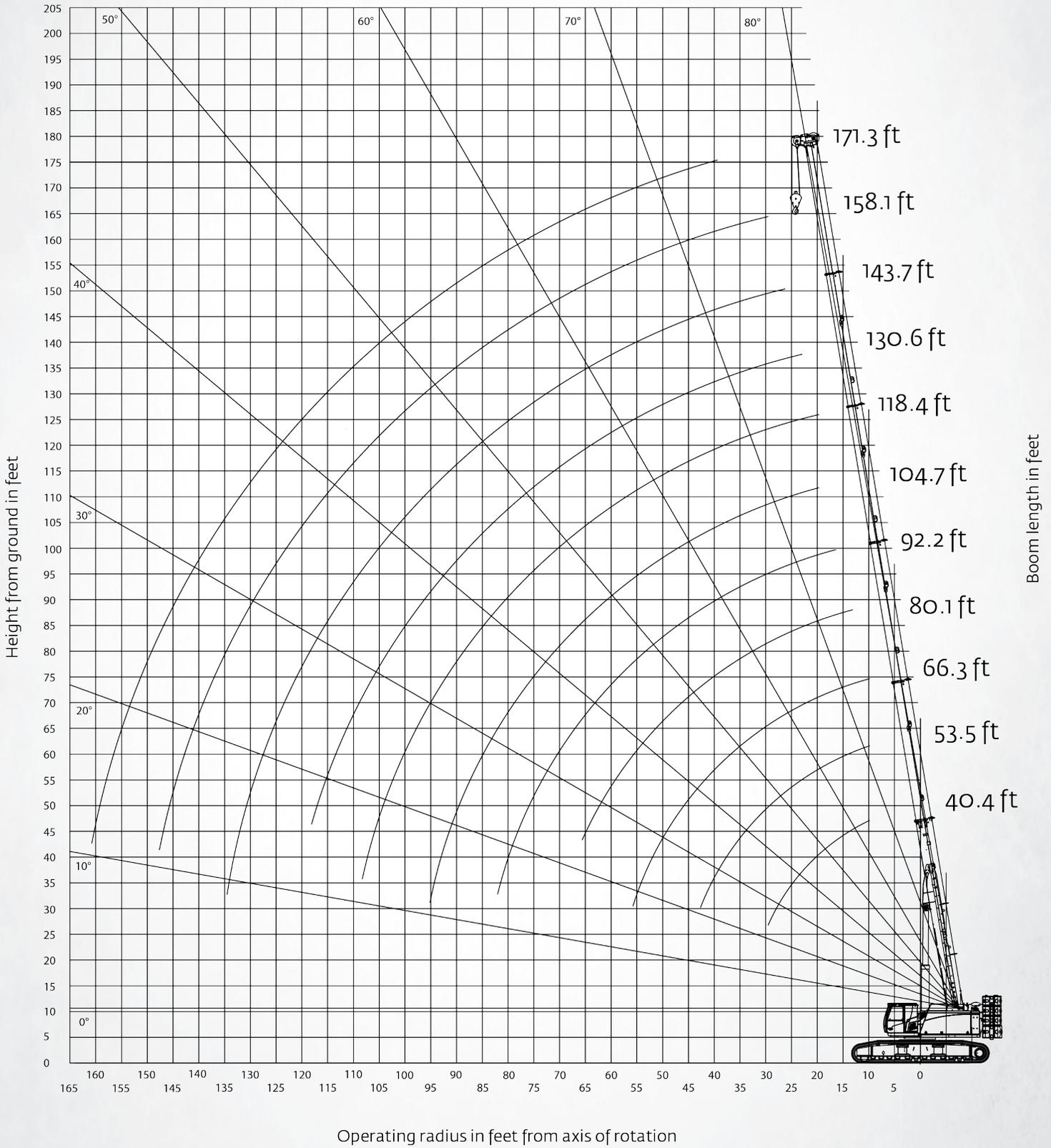
- Standard 49 ft. 3 in. (15 m) bi-fold swingaway extension. Offsettable at 0°, 20° and 40°.
- Optional 1200 lb (544,3 kg) personnel basket





GHC140

WORKING RANGE - MAIN BOOM



LOAD CHARTS - MAIN BOOM



171.3 ft



77,836 lb



100%



360°



1.5°



Pounds

| Feet | 40.4 | 52.5 | 65.6 | 78.7 | 91.9 | 105.0 | 118.1 | 131.2 | 144.4 | 157.5 | 171.3 |
|------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 10 | 186,900 | 141,100 | 119,400 | | | | | | | | |
| 15 | 170,100 | 141,100 | 125,700 | 110,200 | 96,400 | | | | | | |
| 20 | 152,600 | 139,800 | 125,700 | 109,800 | 99,000 | 77,200 | 67,100 | | | | |
| 25 | 124,400 | 122,300 | 119,300 | 105,100 | 95,600 | 77,200 | 64,800 | 42,300 | | | |
| 30 | | 102,500 | 104,100 | 100,100 | 89,800 | 76,800 | 61,400 | 40,700 | 33,700 | 24,300 | |
| 35 | | 85,100 | 87,600 | 87,500 | 82,200 | 73,500 | 58,100 | 39,900 | 33,400 | 24,300 | |
| 40 | | 68,700 | 73,500 | 74,000 | 73,300 | 69,200 | 54,900 | 38,800 | 32,600 | 24,300 | 19,800 |
| 45 | | 53,500 | 62,300 | 62,500 | 61,900 | 58,300 | 51,400 | 36,800 | 32,100 | 24,300 | 19,800 |
| 50 | | | 53,500 | 53,700 | 53,200 | 50,100 | 47,300 | 34,700 | 30,900 | 24,300 | 19,800 |
| 55 | | | | 46,600 | 46,100 | 42,900 | 42,900 | 32,800 | 29,400 | 24,300 | 19,800 |
| 60 | | | | 40,800 | 40,300 | 36,800 | 38,400 | 31,000 | 27,800 | 24,300 | 19,800 |
| 65 | | | | 36,300 | 35,600 | 33,500 | 33,800 | 29,300 | 26,200 | 24,300 | 19,600 |
| 70 | | | | | 32,000 | 30,100 | 30,000 | 27,900 | 25,000 | 24,000 | 19,500 |
| 75 | | | | | 28,700 | 26,800 | 26,700 | 26,700 | 23,800 | 23,100 | 19,200 |
| 80 | | | | | | 23,600 | 24,000 | 25,500 | 22,700 | 21,800 | 18,900 |
| 85 | | | | | | 21,100 | 22,100 | 24,300 | 21,600 | 21,000 | 18,700 |
| 90 | | | | | | 19,400 | 21,100 | 21,900 | 20,700 | 20,100 | 18,300 |
| 95 | | | | | | | 20,300 | 19,900 | 19,800 | 19,100 | 17,900 |
| 100 | | | | | | | 19,100 | 18,300 | 18,600 | 18,100 | 17,200 |
| 105 | | | | | | | | 17,000 | 16,500 | 16,800 | 15,600 |
| 110 | | | | | | | | 15,600 | 15,700 | 15,400 | 14,300 |
| 115 | | | | | | | | 14,500 | 14,900 | 14,200 | 13,100 |
| 120 | | | | | | | | | 13,900 | 13,100 | 11,900 |
| 125 | | | | | | | | | 12,700 | 12,100 | 10,700 |
| 130 | | | | | | | | | 11,900 | 11,100 | 9,700 |
| 135 | | | | | | | | | | 9,900 | 8,800 |
| 140 | | | | | | | | | | 9,000 | 8,000 |
| 145 | | | | | | | | | | | 7,200 |
| 150 | | | | | | | | | | | 6,500 |
| 155 | | | | | | | | | | | 5,700 |

