



AMERICAN HC 80

Hydraulic Crawler Crane



FEATURES

- 80 tons (73 mt) max lift capacity
- 200 ft. (61 m) max lift crane boom length
- 170+60 ft. (52+18 m) max lift crane boom & jib length
- 240 ft. (73 m) max boom & luffing jib length
- Power up/down and freefall on main, auxiliary and optional third drum
- 32,400 lbs. (14 700 kg) max single line pull, 530 fpm (161 mpm) max line speed
- Quiet, comfortable operator's cab with excellent viewing range
- Shockless stop system gradually retards operating speed to reduce shocks when crane approaches lifting load or boom limits
- Two speed travel allows operator to select the best speed and power control for any condition
- Superior transportability:
11 ft. 9.75 in. (3.6 m) width
10 ft. 2 in. (3.09 m) height
- 88,000 lbs. (39 917 kg) transport weight including sideframes and boom inner
- Hydraulic counterweight removal system simplifies installation and removal

simple, available and
cost effective™

Machines shown may have optional equipment.

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Max. Lifting Capacity:
80 tons (73 mt)



Environmental operator's cab



Hydraulic removable counterweight system

200 ft. (61 m) MAXIMUM LIFT CRANE BOOM

- 47HI tubular chord boom, pin connected.
- 20 ft. (12.4 m) inner and outer and 10/20 /30 ft. (3/6/9 m) available inserts provide boom compositions in 10 ft. (3 m) increments from 40 ft. (12.2 m) to 200 ft. (61 m).

ENVIRONMENTAL OPERATOR'S CAB

- Designed to provide excellent viewing range and quiet, comfortable operation.
- 37 in. (.91 m) wide cab has wide curved windows on both top and bottom.
- Easy-to-operate modular and ergonomically designed controls reduce operator fatigue and increase productivity.
- Load Moment Indicator with interactive screen. Operator can select from three display modes: loaded condition diagram, rated lifting curve, and rated lifting load table.
- Adjustable operator's seat, radio, overhead window, sun visor, fan, overhead and front wipers, and drum rotation indicators standard.

HEAVY DUTY CARBODY AND CRAWLERS

- Fabricated steel carbody is deep box constructed with square axles for the crawler side frames. Precision machined top supports anti-friction swing circle and multiple pass hydraulic swivel joint.

- Crawlers have high alloy steel tumbler yokes and rigid fabricated structures with sealed rollers.
- 36" (914 mm) crawler shoes.
- Travel mechanism is set within shoe width.
- Side frames extended or retracted by cylinders inside the carbody.
- Two travel speed settings – .8/1.24 mph (1.3/2.0 km/h).
- 40% (22°) gradeability.

POWERFUL, HIGH-SPEED HOIST SYSTEM

- Identical inline, independent main and auxiliary load hoisting drums are grooved for 7/8 in. (22.4 mm) diameter rope. Line speed is 530 fpm (162 m/min), line pull, 32,400 lbs. (14 697 kg).
- Each drum, including optional third, has power up/down and freefall. Load hoists are further controllable in stepless mode.
- Ample work space in front of drums allows easy access for cable installation and maintenance.
- External contracting brake.
- Internal expanding band clutch.
- 3.3 rpm swing speed.

HIGH CAPACITY, DEPENDABLE HYDRAULIC SYSTEM

- Open circuit system has 2 variable displacement piston pumps with system capacity of 116 gpm (440 lpm)
- Hydraulic reservoir with 79 gal. (300 l) capacity and 10 micron filtration.

- Component working range is between -4 and 203° F (-20 and 95° C).
- 184 HP (137 kW) @ 2100 RPM Hino HO7CT turbocharged diesel engine. Fuel tank capacity is 64 gal. (242 l).
- Flip up doors provide easy access to engine and hydraulic components for service.

THREE PIECE REMOVABLE COUNTERWEIGHT

- Three piece pin connected counterweight can be assembled or disassembled easily within minutes.
- Hydraulic counterweight removal system is standard and utilizes the "A" frame and crane auxiliary drum to make the HC 80 one of the most transportable cranes in its class.
- Moves on three trucks with full boom and #9HL jib. Carbody sideframes and boom weigh in at under 88,000 lbs. (39 917 kg). At 11 ft. 9.75 in. (3.6 m) wide and 10 ft. 2 in. (3.09 m) high, the HC 80 at working weight will transport on a standard lowboy trailer.

OPTIONS INCLUDE:

- Third drum.
- Automotive type lights.
- Hydraulic power take off.
- Jib and jib inserts.
- Luffing jib attachment.
- 46HI angle boom.
- Single sheave extension.

For more information, product demonstration, or details on purchase, lease and rental plans, please contact your local Terex Cranes Distributor.

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty applicable to the particular product and sale. We make no other warranty, expressed or implied.



AMERICAN CRANE CORPORATION
202 Raleigh Street
Wilmington, NC 28412 USA
(910) 395-8500 • FAX: (910) 395-8547
E-mail: wilmington@terexlifting.com

www.terexlift.com