



# AMERICAN HC 110

## Hydraulic Crawler Crane



### FEATURES

- **110 tons (100 mt) max lift capacity**
- **230 ft. (70 m) max main boom length**
- **200+70 ft. (61+21 m) max lift crane boom & jib length**
- Power up/down and freefall on main and auxiliary drums
- 40,640 lbs. (18 435 kg) max single line pull, 565 fpm (172 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. (3.35 m) width  
11 ft. 3 in. (3.43 m) height
- 99,400 lbs. (45 100 kg) transport weight including sideframes and boom inner. Transports with full boom and jib on only 4 trucks
- Hydraulic counterweight removal system simplifies installation and removal

**simple, available and  
cost effective™**

Machines shown may have optional equipment.

# AMERICAN HC 110

## Hydraulic Crawler Crane

Max. Lifting Capacity:  
110 tons (80 mt)



Environmental operator's cab



Hydraulic removable counterweight system

### 230 ft. (70 m) MAXIMUM LIFT CRANE BOOM

- 59HI tubular chord boom, pin connected.
- 25 ft. (7.6 m) inner and outer and 10/20/40 ft. (3/6/12 m) available inserts provide boom compositions in 10 ft. (3 m) increments from 50 ft. (15.2 m) to 230 ft. (70 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 features a shockless stop system. Operator can select from three display modes: loaded condition diagram, rated lifting curve, and rated lifting load table.
- Adjustable operator's seat, radio, air conditioner, 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 built-in sealed automatic lubrication system.
- 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 – 0.60/0.87 mph (0.96/1.4 km/h).
- 30% (17°) gradeability.

### POWERFUL, HIGH-SPEED HOIST SYSTEM

- Independent main and auxiliary load hoisting drums. Main drum is grooved for 1 in. (25 mm) diameter rope. Max line speed is 513 fpm (156 m/min), max single line pull is 40,640 lbs. (18 435 kg). Rated single line pull is 29,500 lbs. (13 381 kg). Auxiliary drum is grooved for 7/8 in. (22.4 mm) diameter rope. Max line speed is 553 fpm (168 m/min), max single line pull is 37,670 lbs. (17 086 kg). Rated single line pull is 22,700 lbs. (10 297 kg). Freefall on main and auxiliary drums.
- Each drum, including optional third, has power up/down. 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.
- 3.0 rpm swing speed.

### HIGH CAPACITY, DEPENDABLE HYDRAULIC SYSTEM

- Open circuit system has 5 variable displacement piston pumps with system capacity of 183 gpm (692 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).
- 230 HP (171 kW) @ 2000 RPM Cummins 6CTA 8.3 turbocharged diesel engine. Fuel tank capacity is 105 gal. (397 l).

### FOUR PIECE REMOVABLE COUNTERWEIGHT

- Four piece pin connected counterweight can be assembled or disassembled easily within minutes.
- Hydraulic counterweight removal system is standard and makes the HC 110 one of the most transportable cranes in its class.
- Moves on four trucks with full boom and #9HL jib. At 17 ft. 0.5 in. (5.2 m) wide and 11 ft. (3.35 m) high, the basic HC 110 will transport on a standard lowboy trailer.

### OPTIONS INCLUDE:

- Third drum.
- Automotive type lights.
- Hydraulic power take off.
- Jib and jib inserts.

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.



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