

POWER CRANE

SPECIFICATION SHEET



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HYDRAULIC TRAVELING GANTRY CRANE

OVER HEAD REMOVAL SYSTEM

The MTC Model HTG PowerCrane™ is the ideal system when battery changing must be done from overhead.

The PowerCrane travels back and forth along its track, powered by dual hydraulic motors. The electrically driven hoist travels from left to right along the I-Beam, and the hoist chain lifts and lowers the batteries.

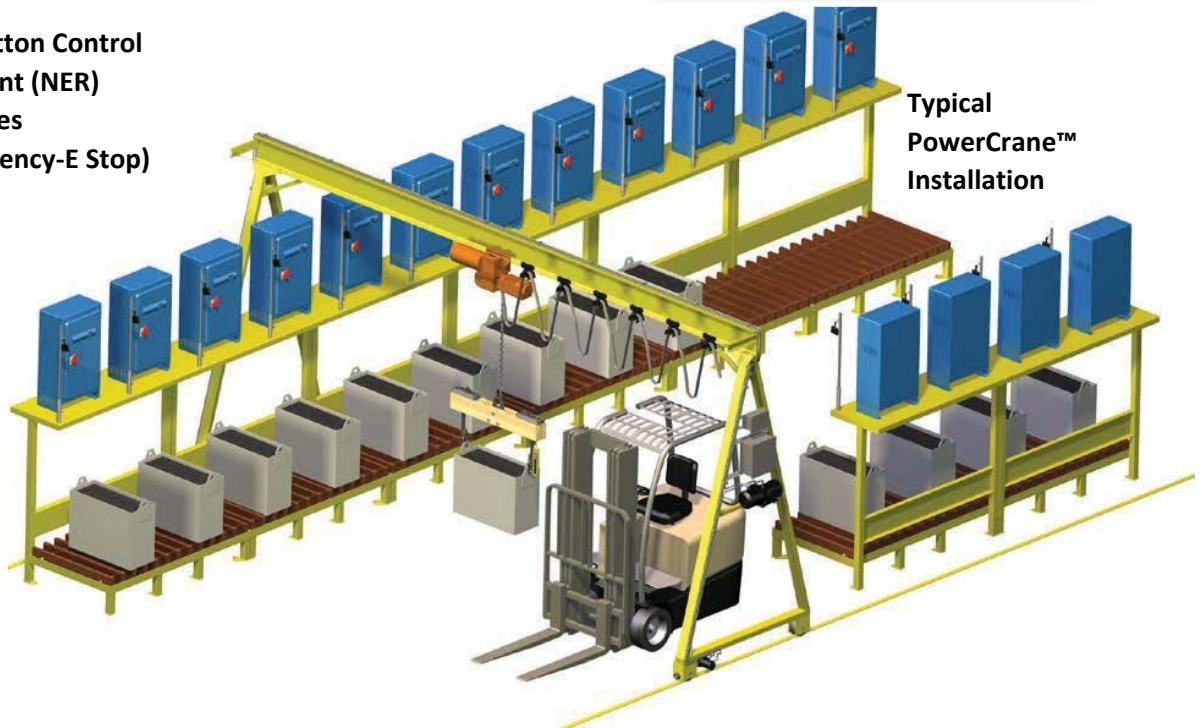
The flexibility of the design allows for easy expansion as your lift truck fleet changes.

FEATURES

- Free Standing Crane Design Available in 4,000 and 6,000 lb. Capacity Models
- All Functions Controlled From a Single Push Button Pendant
- Hydraulic Powered travel
- 10' or 12' Under-Beam Clearance
- Up to 20' Span Between Uprights



(9) Button Control Pendant (NER) Includes Emergency-E Stop)



Typical PowerCrane™ Installation



Hydraulic Power Unit (Included in A-Frame Assembly PN)



Electric Chain Hoist & Motorized Trolley (NERM) (Available in 2 and 3 Ton)



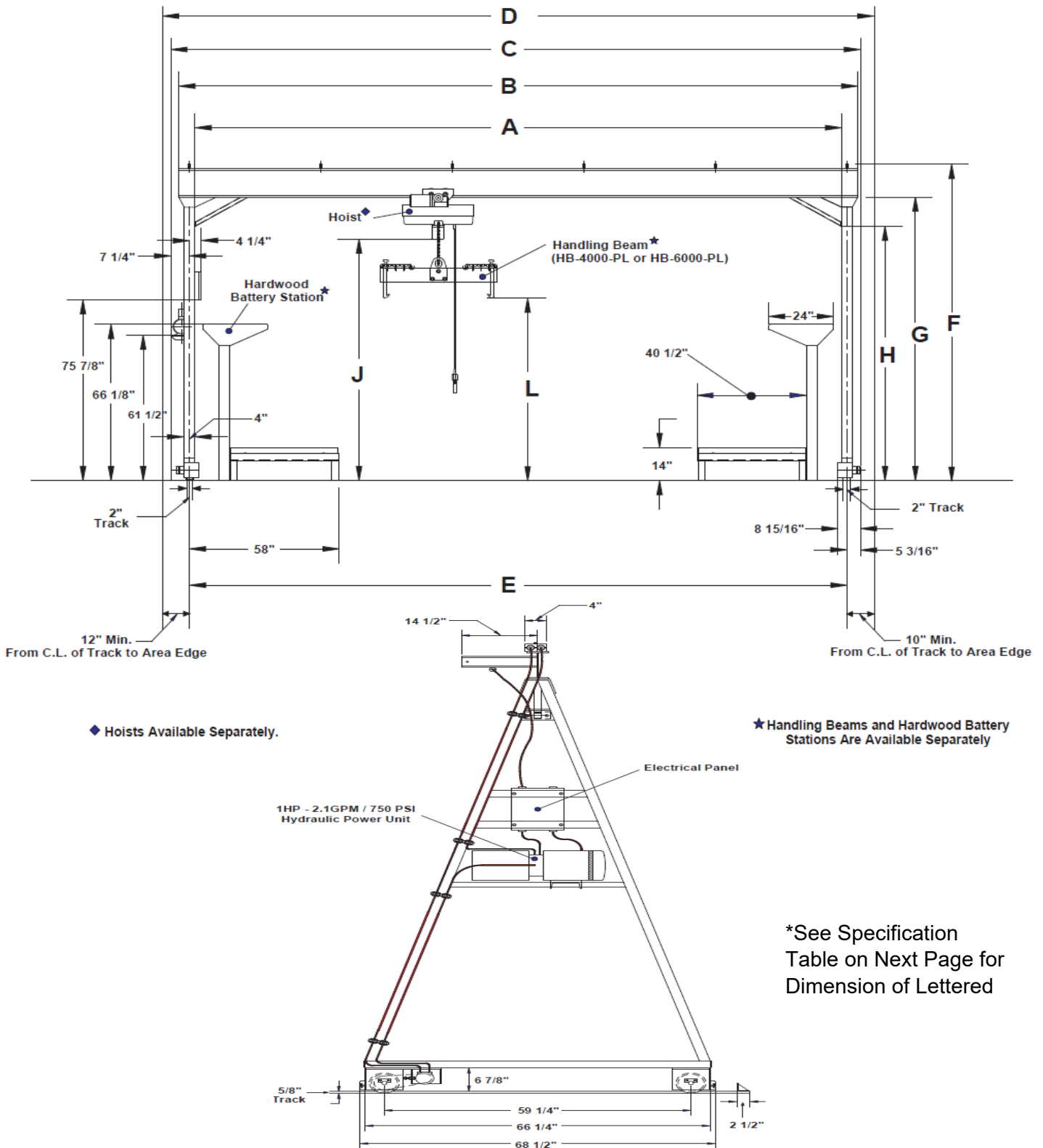
Power Cable Reel (BCRL) (Available in 30', 50' 70' and 100')

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PowerCrane™ System Design Specifications



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TWO TON POWER CRANE – 4000LBS. CAPACITY

| GANTRY MODEL # | A CLEAR BETWEEN "A" FRAME | B OVERALL BEAM LENGTH | C O.A. WIDTH DIMENSION | D O.A. SYSTEM WIDTH (MINIMUM) | E FROM C.L. TO C.L. OF TRACK/ A-FRAME | F OVERALL HEIGHT STD. | OVERALL HEIGHT ** |
|----------------|------------------------------|--------------------------|---------------------------|----------------------------------|--|--------------------------|-------------------|
| HTG2-10 | 120" | 132" | 138 15/16" | 147 1/2" | 124" | 130 3/4" | 154 3/4" |
| HTG2-12 | 144" | 156" | 163 15/16" | 171 1/2" | 148" | 130 3/4" | 154 3/4" |
| HTG2-14 | 168" | 180" | 187 15/16" | 195 1/2" | 172" | 132 3/4" | 156 3/4" |
| HTG2-16 | 192" | 204" | 211 15/16" | 219 1/2" | 196" | 132 3/4" | 156 3/4" |
| HTG2-18 | 216" | 228" | 235 15/16" | 243 1/2" | 220" | 134 3/4" | 158 3/4" |
| HTG2-20 | 240" | 252" | 259 15/16" | 267 1/2" | 244" | 134 3/4" | 158 3/4" |

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

** INDICATES DIMENSIONS ON THE "HTG2-__-12" MODELS (-12' UNDER BEAM CRANES)

THREE TON POWER CRANE – 6000LBS. CAPACITY

| GANTRY MODEL # | A CLEAR BETWEEN "A" FRAME | B OVERALL BEAM LENGTH | C O.A. WIDTH DIMENSION | D O.A. SYSTEM WIDTH (MINIMUM) | E FROM C.L. TO C.L. OF TRACK/ A-FRAME | F OVERALL HEIGHT STD. | OVERALL HEIGHT ** |
|----------------|------------------------------|--------------------------|---------------------------|----------------------------------|--|--------------------------|-------------------|
| HTG3-10 | 120" | 132" | 138 15/16" | 147 1/2" | 124" | 130 3/4" | 154 3/4" |
| HTG3-12 | 144" | 156" | 163 15/16" | 171 1/2" | 148" | 130 3/4" | 154 3/4" |
| HTG3-14 | 168" | 180" | 187 15/16" | 195 1/2" | 172" | 132 3/4" | 156 3/4" |
| HTG3-16 | 192" | 204" | 211 15/16" | 219 1/2" | 196" | 132 3/4" | 156 3/4" |
| HTG3-18 | 216" | 228" | 235 15/16" | 243 1/2" | 220" | 134 3/4" | 158 3/4" |
| HTG3-20 | 240" | 252" | 259 15/16" | 267 1/2" | 244" | 134 3/4" | 158 3/4" |

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

** INDICATES DIMENSIONS ON THE "HTG2-__-12 and HTG3-__-12" MODEL (-12' UNDER BEAM CRANES)

POWER CRANE GENERAL SPECIFICATIONS

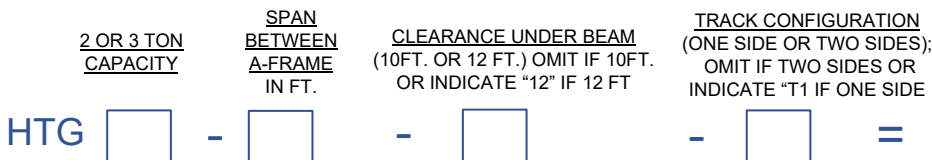
| G | | H | | J | | L | | | |
|----------------------------------|---------------------------------|------------------------|----------------------|---------------------------------------|---|--|--------------------------------------|---------------------------|-----------------------|
| UNDER BEAM CLEAR STD. LESS HOIST | UNDER BEAM CLEAR **, LESS HOIST | UNDER BRACE CLEAR STD. | UNDER BRACE CLEAR ** | UNDER CHAIN CONTAINER CLEAR (MINIMUM) | UNDER CHAIN CONTAINER **CLEAR (MINIMUM) | UNDER HANDLING BEAM CLEAR STD. (RANGE) | UNDER HANDLING BEAM CLEAR ** (RANGE) | MAX A.C. AMP DRAW 480 *** | TRAVEL SPEED (F.P.M.) |
| 119 1/2" | 143 1/2" | 108" | 132" | 90 1/16" | 114 1/16" | 0" – 80 1/4" | 0" – 104 1/4" | 3.6 | 29 |

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

** INDICATES DIMENSIONS ON THE "HTG3-__-12 MODELS (-12' UNDER BEAM CRANES)

*** CONTACT MTC FOR SPECIAL VOTAGE REQUIREMENTS.

MODEL NUMBER DESIGNATION



EXAMPLES

HTG3-10 --- 3 TON HYDRAULIC TRAVELING GANTRY; 10 FEET BETWEEN A-FRAMES; 10 FEET UNDER BEAM CLEARANCE; TRACK ON BOTH SIDES

HTG2-18-12-T1 --- 2 TON HYDRAULIC TRAVELING GAUNTRY; 18 FEET BETWEEN A-FRAMES; 12 FEET UNDER BEAM CLEARANCE; TRACK ON ONE SIDE