



Green Marine & Industrial Equipment Co., Inc.

Crane Application Worksheet

Please enter all parameters required for your application. If there is no specific requirement in your application for a requested specification, or to specify our standard for any parameter, please enter N/R.

1. Description of application: (include duty cycle – i.e. hours per day operating)

2. Usage of crane:

Offshore – dynamic use: need sea state, windspeed, etc.

Shipboard – semi-static use: in port only.

Shore based – static use: not subject to movement.

3. Configuration of crane:

Fixed boom, Telescopic, Knuckle, Knuckle-Extension.

4. Dimensions of crane:

circle units of measure

a. Maximum lifting radius _____ ft or m

b. Minimum lifting radius _____ ft or m

c. Pedestal Height _____ ft or m

5. Capacities of crane:

circle units of measure

a. Required lift _____ lbs or kg @ _____ ft or m

b. Lift at maximum radius _____ lbs or kgs

c. Maximum lift (if different from 5 a.) _____ lbs or kg @ _____ ft or m

d. Winch hoisting capacity _____ lbs or kgs

6. Speed of functions:

circle units of measure

a. Winch hoisting speed _____ ft or m/min

b. Rotational speed _____ degrees/sec

c. Additional speed requirements _____



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7. **Specifications for construction** _____
USCG, ABS, DNV, API 2C, Lloyds, other

8. **Operating temperature range** max _____ °F or °C min _____ °F or °C

9. **Options for crane:**

Note: Standard are listed in **Bold**

a. Hydraulic supply for crane

- 1. **Existing hydraulic system, please state supply** _____ **gpm** _____ **psi**
- 2. Electric driven, in/on crane pedestal - _____ volts _____ hz
- 3. Electric driven, remote mounted - _____ volts _____ hz
- 4. Engine driven, remote mounted - _____ Diesel _____ Gas

b. Directional control valve:

- 1. **Supplied as loose component, to be mounted by customer** _____
- 2. Mounted to crane pedestal _____
- 3. Mounted in control console _____
- 4. Walk-around station that moves with crane, operator standing _____
- 5. Ride-around platform attached to crane turret, operator sitting _____

c. Rotation type:

- 1. **Non-continuous rotation (limited by hose length)** _____
- 2. Continuous rotation (unlimited 360°+ rotation) _____

d. Pedestal mounting type:

- 1. **Weld-down, w/gussets** _____
- 2. Bolt-down plate, bolt pattern as required _____

e. Remote controls:

- 1. Hydraulic piloted remotes, multiple station _____
- 2. Wireless remotes, w/belt harness, marine grade, 600' range _____

f. Anti two-block device _____

g. Wireless load cell, w/digital readout _____

h. Explosion-proof classification _____

10. **Special requirements, if any:**

11. **Delivery date required:** _____