



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 _____

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:** _____

Note: Cranes are normally quoted EX WORKS Seattle, WA, USA.