

# Crane Model selector guide

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## HYDRAULIC CRANES

Selecting the correct crane for your application is critical. There are three factors that must be considered:

**1**  
**How Much Weight Will Be Lifted?**

Always allow a safety factor for extra weight. Crane maximum capacity shouldn't be the only determining factor. Remember that slings, blocks and any other object attached to the wire line need to be included in the weight to be lifted. And keep in mind that your maximum load may change over the years.

**2**  
**How Far out from the center of rotation is the load?**

The minimum moment rating for the crane you need is determined by multiplying the maximum reach in feet times the maximum weight in lbs. This is the best and most accurate method to decide the size of crane required for your work.

**3**  
**How often will a lift be made?**

This determines whether an electric or hydraulic crane should be ordered. The duty cycle of electric cranes should be under five minutes in thirty. Depending upon reservoir size and load, a hydraulic crane's operation time is nearly unlimited.

### HYDRAULIC TELESCOPIC CRANES

MODEL	FT. - LB. RATING	MAXIMUM LIFT CAP.	BOOM LENGTH	MINIMUM GVWR	WEIGHT (LBS.)
HT66KX	66,000	11,000 @ 6'	12' - 18.5' - 25'	Class 7	2,500
HT50KX-25	50,000	8,000 @ 6'	12' - 18' - 25'	Class 6	2,125
HT50KX	50,000	8,000 @ 6'	10' - 16' - 20'	Class 6	1,925
HT45KX	45,600	7,800 @ 5'	12' - 18.5' - 25'	Class 5	1,500
HT40KX-25	40,000	6,000 @ 6'	12' - 18.5' - 25'	Class 4	1,900
HT40KX	40,000	6,000 @ 6'	10' - 16' - 20'	Class 4	1,900
HT30KX	30,000	5,000 @ 6'	10' - 16' - 20'	Class 3	1,300
HT25KX	25,000	5,000 @ 6'	10' - 16' - 20'	Class 3	1,300

### ELECTRIC TELESCOPIC CRANES

MODEL	FT. - LB. RATING	MAXIMUM LIFT CAP.	BOOM LENGTH	MINIMUM GVWR	WEIGHT (LBS.)
ET36KX	36,000	6,000 @ 6'	10' - 16' - 20'	Class 4	1,500
ET30KXX	30,000	5,000 @ 6'	10' - 16' - 20'	Class 3	1,350
ET30KX	30,000	5,000 @ 6'	10' - 16' - 20'	Class 3	1,350
ET25KXX	25,000	5,000 @ 5'	10' - 16' - 20'	Class 3	1,350
ET25KX	25,000	5,000 @ 5'	10' - 16' - 20'	Class 3	1,350
ET18KX	18,000	4,500 @ 4'	8' - 12' - 16'	Class 3	1,020
ET16KX	16,000	4,000 @ 4'	8' - 12' - 16'	Class 3	1,020
ET12KXP	12,000	3,500 @ 4'	9' - 16'	Class 2	700
ET12KX	12,000	3,500 @ 4'	7' - 11' - 15'	Class 2	700
ET12K	12,000	3,500 @ 4'	7' - 11' - 15'	Class 2	610
ET8KX	8,000	3,200 @ 3'	6' - 10' - 14'	Class 2	650
ET8K	8,000	3,200 @ 3'	6' - 10' - 14'	Class 2	560
ET6K	6,000	2,000 @ 3'	6' - 10'	Class 2	380
DT7K	7,000	2,200 @ 3'	6' - 10'	Class 2	310

### ELECTRIC MAST CRANES

MODEL	MAXIMUM LIFT CAP.	BOOM LENGTH	ROTATION	MINIMUM GVWR	WEIGHT (LBS.)
CT310KX	1,900 @ 3'	3' - 9'3"	P	P-Ext. P-Elev.	HD/DC
CT2003FB	2,000 @ 3'	3' - 5'	M	FB	DC, AC
CT2004FB	2,000 @ 4'	4' - 7'	M	FB	DC, AC
CT2005	2,000 @ 5'	5' - 9'	M	FIXED	DC, AC
CE6K-3	2,000 @ 3'	3' - 5'	M	FB	DC, HD/DC, AC
CE6K-4	1,500 @ 4'	4' - 7'	M	FB	DC, HD/DC, AC
CE1500FB	1,500 @ 3'	3' - 5'	M	FB	DC, AC

### HEAVY DUTY CRANE SERVICE BODIES

MODEL	MINIMUM GVWR	CRANE MODELS	CAB TO AXLE	LENGTH
HT66	33,000	HT66KX	84" - 120"	11' - 14'
HT50	20,500	HT50KX	84" - 120"	11'
HT40	14,500	HT40KX, ET36KX	84"	11'
HT25	10,500	HT30KX, ET25KX	60" - 84"	9' - 11'



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#### DISTRIBUTOR INFORMATION



## HT66KX

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	MINIMUM REQUIREMENTS	OPTIONS
11,000 lb.	66,000 ft.-lb.	12-25 ft.	High-Efficiency, High Speed Winch: 66 ft./min.	Class 7 (26,001 – 33,000 lbs GVWR)	Hydraulic and Manual Stabilizer Packages
			100 ft. of 7/16" Aircraft-Quality Wire Rope	Outriggers: Rear	Hydraulic Pumps and Reservoirs
			Remote Control Pendant (25 ft. Cord, Quick Disconnect); Optional FM Wireless	PTO, Pump and Reservoir	Mounting Pedestal for Platform Bodies
			Crane Weight: 2,600 lbs.	Hydraulic Requirements: 12 GPM, 25 gal. Reservoir	Boom Rests

### LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
6	11,000
12	5,500
18.5	3,550
25	2,650



## HT40KX

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	MINIMUM REQUIREMENTS	OPTIONS
6,000 lb.	40,000 ft.-lb.	10-20 ft.	High-Efficiency Planetary Winch	Class 4 (14,001 – 16,000 lbs GVWR)	Hydraulic and Manual Stabilizer Packages
6,000 lb.	40,000 ft.-lb.	12-25 ft.	100 ft. of 7/16" AvRope	Outriggers: Rear	Hydraulic Pumps and Reservoirs
			Remote Control Pendant (25 ft. Cord, Quick Disconnect); Optional FM Wireless	PTO, Pump and Reservoir	Mounting Pedestal for Platform Bodies
			High Speed Winch: 60 ft./min. (Included with Proportional Option)		Boom Rests
			Crane Weight: 1,900 lbs.		Proportional Controls with Full Hydraulic Boom Extension

### LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
6	6,000
10	4,400
16	2,550
20	2,000
25	1,175



## HT50KX

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	MINIMUM REQUIREMENTS	OPTIONS
8,000 lb.	50,000 ft.-lb.	10-20 ft.	High-Efficiency Planetary Winch	Class 6 (19,501 – 26,000 lbs GVWR)	Hydraulic and Manual Stabilizer Packages
8,000 lb.	50,000 ft.-lb.	12-25 ft.	100 ft. of 3/8" Aircraft-Quality Wire Rope	Outriggers: Rear	Hydraulic Pumps and Reservoirs
			Remote Control Pendant (25 ft. Cord, Quick Disconnect); Optional FM Wireless	PTO, Pump and Reservoir	Mounting Pedestal for Platform Bodies
			High Speed Winch: 60 ft./min. (Included with Proportional Option)		Boom Rests
			Crane Weight: 1,925 lbs.		Proportional Controls with Full Hydraulic Boom Extension

### LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
6	8,000
10	5,000
16	3,100
20	2,500
25	2,000



## HT30KX

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	MINIMUM REQUIREMENTS	OPTIONS
5,000 lb.	30,000 ft.-lb.	10-20 ft.	High-Efficiency Planetary Winch	Class 3 (10,001 – 14,000 lbs GVWR)	Hydraulic and Manual Stabilizer Packages
			80 ft. of 5/16" Aircraft-Quality Wire Rope	Outriggers: Rear	Hydraulic Pumps and Reservoirs
			Remote Control Pendant (25 ft. Cord, Quick Disconnect); Optional FM Wireless	PTO, Pump and Reservoir	Mounting Pedestal for Platform Bodies
			High Speed Winch: 56 ft./min. (Included with Proportional Option)		Boom Rests
			Crane Weight: 1,535 lbs.		Proportional Controls with Full Hydraulic Boom Extension

### LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
6	5,000
10	3,000
16	1,875
20	1,500



## HT45KX

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	MINIMUM REQUIREMENTS	OPTIONS
7,800 lb	45,600 ft.-lb.	12-25 ft.	100 ft of 7/16" Wire Rope	Class 5 (16,001 – 19,500 GVWR)	Hydraulic and Manual Stabilizer Packages
			Venturo Logic Controls (VLC)	Outriggers: Rear	Hydraulic Pumps and Reservoirs
			Single-piece hex boom with quick-release, stow-hook	PTO, Pump and Reservoir	Mounting Pedestal for Platform Bodies
			Crane weight: 1,500 lb		Boom Rests

### LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
5	7,800
12	3,050
18.5	2,050
25	1,500



## HT25KX

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	MINIMUM REQUIREMENTS	OPTIONS
5,000 lb.	25,000 ft.-lb.	10-20 ft.	High-Efficiency Planetary Winch	Class 3 (10,001 – 14,000 lbs GVWR)	Hydraulic and Manual Stabilizer Packages
			80 ft. of 5/16" Aircraft-Quality Wire Rope	Outriggers: Rear	Hydraulic Pumps and Reservoirs
			Remote Control Pendant (25 ft. Cord, Quick Disconnect); Optional FM Wireless	PTO, Pump and Reservoir	Mounting Pedestal for Platform Bodies
			High Speed Winch: 56 ft./min. (Included with Proportional Option)		Boom Rests
			Crane Weight: 1,535 lbs.		Proportional Controls with Full Hydraulic Boom Extension

### LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
5	5,000
10	2,500
16	1,575
20	1,250