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VENTURO.COM



ELECTRIC MAST CRANES



RUGGED. RELIABLE. REAL.

MADE WITH PRIDE



ELECTRIC MAST CRANES

RUGGED, TOUGH, BUILT TO LAST.

Venturo Electric Mast cranes have a mast and boom design, and provide a high-value, low-cost means of lifting loads up to 2,000 lbs. They offer compact footprints and a variety of choice in boom sizes, mast heights, and winches. These cranes are ideal for pickups, utility, and platform bodies.

Our quality craftsmanship is backed by straight talk, real expertise, and superior customer service.



CT310KX

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	NOTES & REQUIREMENTS	STANDARD EQUIPMENT & OPTIONS
1,900 lbs.	6,650 ft.-lb.	4'5" – 9'9"	Electric-Hydraulic Power Unit operates ext., elevation and rotation functions	Provides full-functionality with compact footprint and excellent power-to-weight ratio.	Remote Control Pendant (20 ft. Cord, Quick Disconnect)
			High-Efficiency, Heavy-Duty Electric Planetary Winch	Requires 13" x 13" Mounting Area	Audible Overload Alarm Protection
			High-Efficiency 3-Stage Planetary Geartrain (216:1)	Electrical Power Source: 12V DC	50 ft. of 3/16" Aircraft-Quality Wire Rope
			12V Permanent Magnet Motor	Can be installed on trailers, platform, utility, and van bodies.	Snatch Block with Swivel Hook and Safety Latch
			Dual Load Applied and Dynamic Braking System	<i>Weight:</i> 490 lbs.	Master Disconnect Switch
			26 ft./min. at 0 lbs.; 18 ft./min. at 1,000 lbs.		Battery Cable: 25 ft., 4 Gauge
			322° Power Rotation		<i>Optional:</i> Outriggers and Mounting Pedestals

LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
4'5"	1,900
7'1"	1,000
9'9"	700

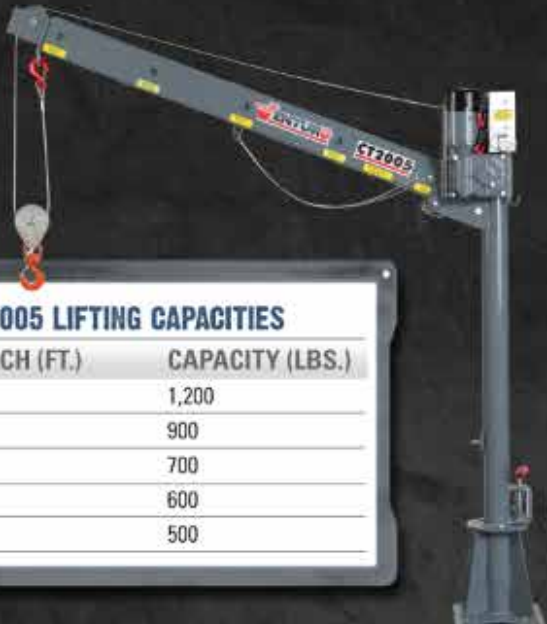
BOOM EXTENSION
POWER: 2'8", MANUAL: 2'8"

CT2003FB

CT2004FB

CT2005

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	NOTES & REQUIREMENTS	STANDARD EQUIPMENT & OPTIONS
2,000 lbs.	6,000 ft.-lb.	3'-5', 4'-7', or 5'-9' boom (manual extension)	Heavy-Duty, High-Torque, High-Speed Electric Winch (1.8 hp), manual rotation and extension	Electric Power: 12V DC	Remote Control Pendant (15 ft. Cord, Quick Disconnect)
		360° Manual Rotation with 8 position base lock to hold crane in position while in use and while traveling	Self-locking, oil-lubricated bronze worm gear reduction with self-adjusting, oil cooled mechanical brake	Tapered flanges on winch drum cheek plates to reduce wire rope tangle	35 ft. of 3/16" Aircraft-Quality Wire Rope (optional cable lengths up to 75 ft.)
			1,200 lb. single-line capacity, 2,000 lb. double-line capacity	Re-buildable gearbox minimizes long-term maintenance costs	Snatch Block with Swivel Hook and Safety Latch
			Folding boom for compact storage	Composite polymer and bronze self-lubricating rotation bearings are not sensitive to water, dirt, or chemical contamination	Battery Cable: 25 ft., 4 Gauge
				Weight (3): 235 lbs. Weight (4): 265 lbs. Weight (5): 280 lbs.	Optional: Recessed or surface mounting sockets; short mast for mounting on top of utility body; AC winch for in-plant use; outriggers; master disconnect switch and circuit breaker



CT2003FB LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
3	2,000
4	1,500
5	1,000

CT2004FB LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
4	1,500
5	1,200
6	900
7	700

CT2005 LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
5	1,200
6	900
7	700
8	600
9	500



CE6K-3 LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
3	2,000
4	1,500
5	1,200

CE6K-4 LIFTING CAPACITIES

REACH (FT.)	CAPACITY (LBS.)
4	1,500
5	1,200
6	1,000
7	850

CE6K

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	NOTES & REQUIREMENTS	STANDARD EQUIPMENT & OPTIONS
2,000 lbs. at 3 ft.	6,000 ft.-lb.	3'-5' manual boom; optional 4'-7' manual boom	Electric Power (12V DC or 120V AC)	Compact Footprint: 10" x 10" base plate with 7.5" x 7.5" bolt pattern	Remote Control Pendant (12 ft. Cord, Quick Disconnect)
(1,500 lb. with 120V AC winch)		3 position boom elevation (20°, 40°, 60°)	Standard Winch: - 35 ft. of 3/16" Aircraft-Quality Wire Rope - 12V DC permanent magnet, 1.3 hp motor - Planetary geartrain with 159:1 reduction - Wrap spring brake	Heavy Duty Winch option 3.5" diameter drum	Snatch Block with Swivel Hook and Safety Latch
		Rotation band brake with unlimited 360° positioning	Heavy Duty Winch: - 65 ft. of 3/16" Aircraft-Quality Wire Rope - 12V DC permanent magnet, 1.5 hp motor - 3-stage planetary geartrain with 216:1 reduction - Dual load applied and dynamic braking system	HD Winch Option: Ideal for below ground lifting applications and extended duty cycles.	Battery Cable: 25 ft., 4 Gauge
					<i>Weight:</i> 247 lbs. (3-5 ft. boom); 265 lbs. (4-7 ft.) <i>Optional:</i> Custom mast heights; 120V AC winch; outriggers; master disconnect switch; circuit breaker

STANDARD WINCH

LOAD (LBS.)	CAPACITY (FT./MIN.)	AMP DRAW
0	26	30
1,000	15	80
2,000	7	80

HEAVY DUTY WINCH

LOAD (LBS.)	CAPACITY (FT./MIN.)	AMP DRAW
0	26	30
1,000	18	115
2,000	9	115

CE1500FB

MAX. LIFT CAPACITY	MOMENT RATING	BOOM LENGTH	FEATURES	NOTES & REQUIREMENTS	STANDARD EQUIPMENT & OPTIONS
1,500 lbs.	4,500 ft.-lb.	3'-5' manual extension boom, folds for compact storage	Electric Winch (12V DC or 120V AC), 1.3 hp motor	Integrated surface mounting socket with 12" x 12" base plate	Remote Control Pendant (12 ft. Cord, Quick Disconnect)
			Planetary geartrain with 123:1 reduction	<i>Weight:</i> 247 lbs. (3-5 ft. boom); 265 lbs. (4-7 ft.)	Snatch Block with Swivel Hook and Safety Latch
			Dynamic motor braking for controlled load lowering		25 ft. of 3/16" Aircraft-Quality Wire Rope
			Manual 360° rotation with band brake provides unlimited controlled load positioning		<i>Optional:</i> AC Winch (with 120V AC, 0.6 hp motor; planetary geartrain with 148:1 reduction; 45 ft. of 5/32" aircraft-quality wire rope; hard-wired pendant control w/6 ft. cord); Master Disconnect Switch

LIFTING CAPACITIES	
REACH (FT.)	CAPACITY (LBS.)
3	1,500
4	1,150
5	800



RUGGED DESIGNS.
RELIABLE PRODUCTS.
REAL EXPERTISE.

Venturo is a different kind of company. A company where our cranes and hoists are built to last, where your needs come first, and where every decision we make is based on our values.

CRANE MODEL SELECTOR GUIDE

HYDRAULIC TELESCOPIC CRANES

MODEL	FT. - LB. RATING	MAXIMUM LIFT CAP.	BOOM LENGTH	MINIMUM GVWR	WEIGHT (LBS.)
HT66KX-25	66,000	11,000 @ 6'	12' - 18.5' - 25'	33,000	2,500
HT50KX-25	50,000	8,000 @ 6'	12' - 18' - 25'	20,500	2,125
HT50KX	50,000	8,000 @ 6'	10' - 16' - 20'	20,500	1,925
HT40KX - 25	40,000	6,000 @ 6'	12' - 18.5' - 25'	14,500	2,100
HT40KX	40,000	6,000 @ 6'	10' - 16' - 20'	14,500	1,900
HT30KX	30,000	5,000 @ 6'	10' - 16' - 20'	11,000	1,300
HT25KX	25,000	5,000 @ 5'	10' - 16' - 20'	10,500	1,300

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 operating time is nearly unlimited.

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'	14,500	1,500
ET30KX	30,000	5,000 @ 6'	10' - 16' - 20'	11,000	1,350
ET25KX	25,000	5,000 @ 5'	10' - 16' - 20'	10,500	1,350
ET18KX	18,000	4,500 @ 4'	8' - 12' - 16"	10,500	1,020
ET16KX	16,000	4,000 @ 4'	8' - 12' - 16'	10,500	1,020
ET12KX	12,000	3,500 @ 4'	7' - 11' - 15'	8,800	700
ET12K	12,000	3,500 @ 4'	7' - 11' - 15'	8,800	610
ET8KX	8,000	2,700 @ 3'	6' - 10' - 14'	8,000	650
ET8K	8,000	2,700 @ 3'	6' - 10' - 14'	8,000	560
ET6K	6,000	2,000 @ 3'	6' - 10'	8,000	380
DT7K	7,000	2,200 @ 3'	6' - 10'	8,000	310

ELECTRIC MAST CRANES

MODEL	MAXIMUM LIFT CAP.	BOOM LENGTH	ROTATION	BOOM TYPE	WINCH
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	1,500 @ 4'	4' - 7'	M	FB	DC, AC
CT2005	1,200 @ 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'

P = POWER M = MANUAL FB = FOLDING BOOM



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