



50 TON

WHL50TC100 TAXI



Hydra-Lift WHL50TC100 Swing Cab Cranes, with a 50 ton lift rating, are ideally suited for the most demanding heavy lift jobs.

Out and down outriggers have independently operated horizontal extension cylinders and vertical jack cylinders, for true stability on uneven surfaces or in tight locations. Fully equipped cabs provide the operator with a comfortable working environment in all weather conditions. Mounted on a single steer tri-drive rear axle chassis, or tandem steer tandem rear axle chassis, WHL50TC100 Cranes deliver heavy lifting performance.

FEATURES

- 50-ton lifting capacity (82,000lbs at 10' radius)
- 110' tip height (fully extended)
- 4 section 100' fully proportional boom
- 30.5' retracted length
- Continuous rotation
- 15,000 lb, 2 speed grooved drum planetary winch with integral brake for high efficiency and security, includes cable packer
- Out and down outriggers
- Dual fan oil cooler
- High strength box construction, welded booms for maximum strength to weight ratio
- A2B and LMI system with digital radio weight indicator
- Pre-wired boom and cab for work lights
- Remote Monitoring Video System - two cameras and one in-cab display (view right rear outriggers and winches)
- 40-ton four-sheave crane block (Easy Reeve)

OPTIONAL

- 31' Orientable (0°, 15°, 30°) swing around jib, stows on side of boom
- 31'- 51' Orientable (0°, 15°, 30°) two-stage swing around jib, stows on side of boom
- Hydraulic tank heater
- Boom lights
- Auxillary winch options, 12,000 lb or 15,000 lb winch
- Two person self levelling man basket
- Air conditioning
- Remote radio crane controls

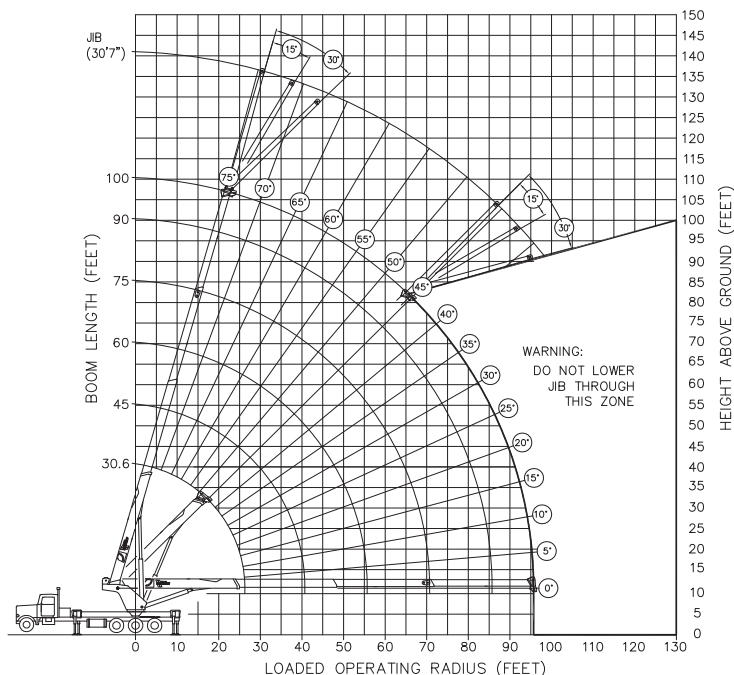


LOAD CHARTS AND SPECIFICATIONS

MAXIMUM RATED LOAD IN LBS. WITH OUTRIGGERS FULLY EXTENDED																			
LOADED OPERATING RADIUS	LOADED BOOM ANGLE	RETRACTED BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	BOOM LENGTH	LOADED BOOM ANGLE	EXTENDED BOOM LENGTH	LOADED OPERATING RADIUS	30'7" ORIENTABLE JIB					
														0°		15°		30°	
														BOOM ANGLE	LOAD	BOOM ANGLE	LOAD	BOOM ANGLE	LOAD
FEET	^°	30.6'	^°	45'	^°	60'	^°	75'	^°	90'	^°	100'	FEET	^°	LB	^°	LB	^°	LB
10	63	82,000	72	51,000									10						
12	58	72,000	69	51,000									12						
15	51	61,800	65	51,000	72	40,000							15						
20	37	46,500	58	47,500	67	38,000	71	27,500					20						
25	17	36,800	50	36,500	61	30,500	67	24,500	71	24,300	73	18,000	25						
30			41	29,000	56	27,500	63	21,500	68	21,300	70	17,500	30						
35			30	21,300	50	21,800	59	19,100	65	19,100	67	15,900	35						
40			11	16,400	43	16,900	54	17,000	61	17,000	64	14,100	40	70	8,500				
45					35	13,400	43	13,700	57	13,900	61	12,500	45	68	8,250	71	6,800	74	5,900
50					26	10,900	44	11,200	53	11,300	57	11,300	50	65	7,200	69	6,300	72	5,500
55					13	9,000	38	9,200	49	9,400	54	9,500	55	63	6,600	66	5,650	69	5,000
60							31	7,700	45	7,900	50	7,900	60	61	6,150	64	5,300	67	4,750
65							23	6,500	40	6,600	46	6,700	65	58	5,500	61	4,800	64	4,400
70									35	5,600	42	5,700	70	55	5,000	59	4,550	61	4,100
75									29	4,700	38	4,800	75	53	4,600	56	4,200	58	3,850
80									21	4,000	33	4,100	80	50	4,100	53	3,900	56	3,650
85											27	3,400	85	47	3,700	50	3,650	53	3,450
90											20	2,900	90			47	3,400	49	3,200
95													95					46	3,050
		975lbs		675lbs		500lbs		425lbs		375lbs		325lbs		Deductions for Stowed Jib					
RATINGS ABOVE THE HEAVY LINE ARE BASED ON STRUCTURAL COMPETENCE AND NOT ON MACHINE STABILITY.																			

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- NOTE:**
1. Deductions must be made from rated loads for lifting accessories: fixed jibs, telescopic jibs, overhaul balls, load hooks, snatch blocks and load blocks
 2. Lift line ratings are based on 5/8" 18 x 19 rotation resistant wire rope with a minimum breaking strength of 45400 lbs (sf>5).
 3. Sheaves numbered from left to right when viewed facing the crane



1 PART LINE 9,000 LBS	6 PART LINE 54,000 LBS
2 PART LINE 18,000 LBS	7 PART LINE 63,000 LBS
3 PART LINE 27,000 LBS	8 PART LINE 72,000 LBS
4 PART LINE 36,000 LBS	9 PART LINE 81,000 LBS
5 PART LINE 45,000 LBS	10 PART LINE 90,000 LBS



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