

Lifting Capacities

P/N



PC400LC-8 / PC450LC-8 / PC490LC-10
DUAL PIN BOOM
20' ARM W/ PC350 TIP

Lift capacities calculated at attachment pivot point on stick (lbs).
No attachment on stick. Attachment weight must be subtracted.

HOIST CYLINDERS ON LOWER PIVOT														HEIGHT
REACH														
40'		35'		30'		25'		20'		15'		10'		
Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	
														45'
														40'
				17,875	* 18,933									35'
		13,609	* 16,955	18,135	* 18,684									30'
		13,697	* 18,430	18,004	* 18,172									25'
10,481	* 15,794	13,501	* 19,125	17,599	* 18,406									20'
10,344	16,438	13,140	* 20,206	16,986	* 19,871	* 18,116	* 18,116							15'
10,102	16,177	12,683	20,092	16,239	* 23,160	21,503	* 23,020	* 22,279	* 22,279					10'
9,832	15,884	12,200	19,563	15,460	* 24,744	20,234	* 29,321	27,914	* 36,438					5'
9,593	15,627	11,762	19,083	14,756	24,024	19,114	* 30,864	26,061	* 39,138					0'
9,457	15,479	11,429	18,719	14,212	23,417	18,280	30,663	24,800	* 39,787	37,207	* 45,789			-5'
		11,263	18,537	13,884	23,051	17,781	* 30,052	24,120	* 38,181	36,410	* 50,737	* 26,922	* 26,922	-10'
		11,359	* 15,336	13,815	* 21,214	17,624	* 26,942	23,936	* 34,141	36,347	* 44,311	* 37,725	* 37,725	-15'
				14,102	* 15,100	17,833	* 21,131	24,202	* 27,162	* 34,414	* 34,414	* 44,242	* 44,242	-20'
														-25'

HOIST CYLINDERS ON UPPER PIVOT														HEIGHT
REACH														
40'		35'		30'		25'		20'		15'		10'		
Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	
														45'
														40'
														35'
		13,609	* 16,955											30'
		13,697	* 16,689											25'
10,481	* 15,794	13,501	* 17,009											20'
10,344	16,438	13,140	* 17,794	16,986	* 18,736									15'
10,102	16,177	12,683	* 18,835	16,239	* 20,522	21,503	* 22,940							10'
9,832	15,884	12,200	19,563	15,460	* 22,372	20,234	* 25,987	27,914	* 31,873					5'
9,593	15,627	11,762	19,083	14,756	* 23,967	19,114	* 28,581	26,061	* 36,078					0'
9,457	15,479	11,429	18,719	14,212	23,417	18,280	* 30,278	24,800	* 38,589	37,207	* 45,789			-5'
		11,263	18,537	13,884	23,051	17,781	30,090	24,120	* 39,193	36,410	* 51,618	* 26,922	* 26,922	-10'
		11,359	18,642	13,815	22,975	17,624	* 29,705	23,936	* 37,755	36,347	* 50,349	* 37,725	* 37,725	-15'
				14,102	* 20,295	17,833	* 26,472	24,202	* 33,850	36,870	* 44,465	* 52,994	* 52,994	-20'
						18,573	* 19,125	24,988	* 26,216	* 34,387	* 34,387	* 46,558	* 46,558	-25'

The following notes pertain to this machine equipped with 35.5" wide track pads:

1. Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights.
2. The least stable position is over the side.
3. The operator should be fully acquainted with machine operation before operating the machine.
4. Lifting capacities assume a machine standing on level, firm and uniform supporting surface. Operator must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, inexperienced personnel, etc.
5. The above theoretical ratings are based on calculations derived from standard O.E.M. lift charts. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Rated loads marked with an asterisk (*) are limited by hydraulic lifting capacity.