

**Lifting Capacities**  
P/N 0000572-2



PC1800-6  
55 Foot Deep  
Dredging Machine

Lift capacities calculated at attachment pivot point on stick (lbs) with 13,120# bucket installed.  
Heavy lift off.

REACH																								HEIGHT	
65'		60'		55'		50'		45'		40'		35'		30'		25'		20'		15'		10'			
Side	Front																								
																								45'	
		*14,159	*14,159																						40'
		*13,881	*13,881																						35'
*13,194	*13,194	*13,989	*13,989																						30'
*13,190	*13,190	*14,331	*14,331	*15,979	*15,979																				25'
*13,424	*13,424	*14,831	*14,831	*16,730	*16,730																				20'
*13,789	*13,789	*15,435	*15,435	*17,586	*17,586	*20,337	*20,337	*23,884	*23,884																15'
*14,220	*14,220	*16,095	*16,095	*18,494	*18,494	*21,553	*21,553	*25,508	*25,508	*30,758	*30,758														10'
*14,658	*14,658	*16,759	*16,759	*19,398	*19,398	*22,749	*22,749	*27,081	*27,081	*32,840	*32,840														5'
*15,046	*15,046	*17,370	*17,370	*20,238	*20,238	*23,851	*23,851	*28,506	*28,506	*34,670	*34,670														0'
*15,308	*15,308	*17,867	*17,867	*20,946	*20,946	*24,784	*24,784	*29,689	*29,689	*36,130	*36,130	*44,851	*44,851												-5'
*15,332	*15,332	*18,169	*18,169	*21,450	*21,450	*25,470	*25,470	*30,548	*30,548	*37,133	*37,133	*45,901	*45,901												-10'
*14,916	*14,916	*18,167	*18,167	*21,657	*21,657	*25,823	*25,823	*30,999	*30,999	*37,606	*37,606	*46,240	*46,240	*57,769	*57,769										-15'
		*17,680	*17,680	*21,442	*21,442	*25,737	*25,737	*30,948	*30,948	*37,471	*37,471	*45,832	*45,832	*56,761	*56,761	*64,711	*64,711								-20'
		*16,329	*16,329	*20,606	*20,606	*25,062	*25,062	*30,270	*30,270	*36,629	*36,629	*44,605	*44,605	*54,816	*54,816	*68,127	*68,127	*59,142	*59,142	*45,278	*45,278				-25'
				*18,750	*18,750	*23,549	*23,549	*28,771	*28,771	*34,915	*34,915	*42,416	*42,416	*51,802	*51,802	*63,814	*63,814	*77,642	*77,642	*61,622	*61,622	*52,320	*52,320		-30'
						*20,696	*20,696	*26,107	*26,107	*32,050	*32,050	*39,015	*39,015	*47,467	*47,467	*58,020	*58,020	*71,692	*71,692	*80,448	*80,448	*68,775	*68,775		-35'
						*15,004	*15,004	*21,552	*21,552	*27,509	*27,509	*33,950	*33,950	*41,373	*41,373	*50,262	*50,262	*61,350	*61,350	*76,306	*76,306	*88,056	*88,056		-40'
								*12,709	*12,709	*20,077	*20,077	*26,318	*26,318	*32,711	*32,711	*39,721	*39,721	*47,730	*47,730	*57,428	*57,428				-45'
										*13,710	*13,710	*19,715	*19,715	*24,803	*24,803	*29,183	*29,183								

**Notes:**

- Do not attempt to lift or hold any load that exceeds these rated values at their specified load radii and heights.
- The least stable position is over the side.
- The operator should be fully acquainted with machine operation before operating the machine.
- 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.
- 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. 18,000# additional counterweight installed.