


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

**CONFIGURATION:**  
 -SK500LC-9 - 23'-0" BOOM (WITH DUEL PIN POSITIONS FOR BOOM CYLINDERS)  
 -20' STICK WITH PC350 TIP

--- HOIST CYLINDERS ON UPPER PIVOT  
 — HOIST CYLINDERS ON LOWER PIVOT

MATERIAL:			 4805 SCOOPY LANE NW CARROLL, OHIO 43112 740-654-5304 <i>The Cutting Edge of Customer Service</i>
DESIGN	SCALE	DATE	
APPROVED			
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<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS FOR FINISHES ARE AS FOLLOWS:</small> DECIMAL: .00 015" FRACTIONAL: 1/16" ANGLE: .1°			DWG./PART NO. SIZE: <b>D</b>

# Lifting Capacities

P/N: 0M14527-3



SK500LC-9  
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'
				19,231	* 19,242									35'
		14,774	* 17,612	* 18,298	* 18,298									30'
		14,833	* 18,341	* 17,500	* 17,500									25'
11,496	* 16,512	14,628	* 18,733	* 17,562	* 17,562									20'
11,350	* 18,223	14,267	* 19,777	18,289	* 18,889	* 16,850	* 16,850							15'
11,109	18,683	13,818	* 21,670	17,558	* 22,044	* 21,512	* 21,512	* 20,342	* 20,342					10'
10,843	18,395	13,347	22,503	16,801	* 25,719	21,867	* 30,197	30,035	* 37,349					5'
10,612	18,146	12,923	22,037	16,121	* 27,032	20,789	* 32,482	28,259	* 41,151					0'
10,486	18,010	12,605	21,689	15,601	27,034	19,994	* 33,619	27,064	* 42,886	40,585	* 45,720			-5'
		12,453	21,522	15,293	26,689	19,525	* 33,238	26,430	* 42,325	39,854	* 53,096	* 27,619	* 27,619	-10'
		12,567	* 18,411	15,240	* 24,590	19,388	* 30,905	26,272	* 39,263	39,819	* 51,784	* 39,557	* 39,557	-15'
				15,547	* 18,924	19,612	* 25,750	26,551	* 33,090	40,347	* 42,823	* 56,667	* 56,667	-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'
		14,774	* 15,957											30'
		14,833	* 15,429											25'
11,496	* 16,512	14,628	* 15,870											20'
11,350	* 17,022	14,267	* 16,904											15'
11,109	* 17,758	13,818	* 18,311	17,558	* 19,363									10'
10,843	18,395	13,347	* 19,877	16,801	* 21,819	21,867	* 24,924	30,035	* 30,269					5'
10,612	18,146	12,923	* 21,369	16,121	* 24,140	20,789	* 28,488	28,259	* 35,900					0'
10,486	18,010	12,605	21,689	15,601	* 26,012	19,994	* 31,270	27,064	* 39,929	40,585	* 45,720			-5'
		12,453	21,522	15,293	26,689	19,525	* 32,955	26,430	* 42,125	39,854	* 53,096	* 27,619	* 27,619	-10'
		12,567	21,647	15,240	26,630	19,388	* 33,239	26,272	* 42,376	39,819	* 57,510	* 39,557	* 39,557	-15'
				15,547	* 24,804	19,612	* 31,512	26,551	* 40,280	40,347	* 53,938	* 56,667	* 56,667	-20'
						20,383	* 25,706	27,349	* 34,494	41,491	* 46,095	* 66,167	* 66,167	-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.