



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

MATERIAL:

DESIGN	DATE
APPROVED	4/18/2023
DATE	

UNLESS OTHERWISE SPECIFIED, DIMENSION TOLERANCES ARE AS FOLLOWS:

DECIMAL:	±0.015"
FRACTIONAL:	±1/16"
ANGLE:	±1°
WEIGHT:	#

Company Wrench

4805 SCOOPY LANE NW
CARROLL, OHIO 43112
740-654-5304

The Cutting Edge of Customer Service

TITLE: SK850LC - EXC BOOM TIP RANGE

SCALE: 1:55

SHEET 1 OF 1

DWG./PART NO. 0M22694-3

Lifting Capacities
P/N 0M22694-5



SK850LC
EXCAVATOR BOOM TIP
MODIFIED 14'-5" STICK

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

REACH BOOM IN STRAIGHT POSITION																						
MAX			50'		45'		40'		35'		30'		25'		20'		15'		10'			
Reach	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front		
18'-10"	* 59,000	* 59,000																				55'
28'-5"	35,270	* 39,651											* 43,696	* 43,696	* 47,244	* 47,244						50'
34'-8"	26,032	* 32,514											33,920	* 36,566	* 40,882	* 40,882						45'
39'-3"	21,117	* 28,439							26,481	* 31,627	34,034	* 36,230	* 35,174	* 35,174	* 30,656	* 30,656						40'
42'-10"	18,069	25,136					20,833	* 27,673	26,243	* 31,535	33,333	* 36,409	* 32,518	* 32,518								35'
45'-6"	16,040	22,680			16,462	23,177	20,543	* 27,583	25,489	* 31,669	32,036	* 36,904										30'
47'-6"	14,656	21,009			16,324	23,038	19,923	27,498	24,410	* 31,855												25'
48'-11"	13,725	19,893			15,920	22,634	19,147	26,721	23,166	31,854												20'
49'-9"	13,146	* 18,434			15,444	22,159	18,342	25,916	21,929	30,617												15'
50'-1"	12,866	* 16,770	12,897	* 16,925	14,999	21,713	17,620	25,194	20,864	29,551												10'
49'-11"	12,864	* 14,943			14,661	* 20,336	17,065	* 24,475	20,082	28,770												5'
49'-3"	* 12,834	* 12,834			14,490	* 18,057	16,733	* 22,226	19,632	* 26,339												0'
48'-0"	* 10,298	* 10,298			14,549	* 14,710	16,657	* 19,044	19,511	* 22,727												-5'
46'-1"	* 7,360	* 7,360			* 9,535	* 9,535	* 14,666	* 14,666	* 17,990	* 17,990	* 20,244	* 20,244										-10'
39'-5"	* 9,101	* 9,101							* 11,882	* 11,882	* 13,343	* 13,343										-15'

REACH BOOM IN ARCHED POSITION																						
MAX			50'		45'		40'		35'		30'		25'		20'		15'		10'			
Reach	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front		
31'-3"	* 30,411	* 30,411									* 30,979	* 30,979										45'
36'-4"	25,699	* 27,182							27,608	* 27,648	* 30,174	* 30,174										40'
40'-2"	21,536	* 25,255					21,686	* 25,296	* 27,383	* 27,383	* 30,389	* 30,389										35'
43'-0"	18,807	* 23,970					21,597	* 25,152	26,956	* 27,740	* 31,267	* 31,267	* 36,239	* 36,239								30'
45'-1"	16,933	* 23,046			17,023	* 23,093	21,034	* 25,410	25,909	* 28,449	32,287	* 32,606										25'
46'-7"	15,637	22,117			16,681	* 23,116	20,247	* 25,820	24,633	* 29,314	30,282	* 34,152										20'
47'-6"	14,771	21,126			16,186	22,900	19,381	* 26,211	23,299	* 30,124	28,244	* 35,564										15'
47'-10"	14,259	20,567			15,676	22,390	18,552	26,127	22,074	* 30,653												10'
47'-8"	14,069	20,402			15,242	21,957	17,857	25,432	21,089	29,777	25,164	35,348										5'
46'-11"	14,200	* 20,064			14,959	21,674	17,364	24,939	20,413	29,100	24,362	34,546										0'
45'-7"	14,692	* 19,260			14,907	* 19,929	17,118	* 24,279	20,063	* 28,678	24,009	* 33,837										-5'
43'-8"	15,630	* 18,129					17,165	* 21,911	20,041	* 26,296	24,037	* 30,934	29,910	* 35,820								-10'
41'-1"	* 16,426	* 16,426					17,612	* 17,816	20,367	* 22,606	24,416	* 26,778	30,468	* 30,641	* 33,143	* 33,143						-15'
37'-7"	* 13,694	* 13,694							* 16,803	* 16,803	* 20,901	* 20,901	* 23,839	* 23,839	* 24,990	* 24,990						-20'

The following notes pertain to this machine equipped with 35.4" wide track pads and 11,000# additional counterweight:

- 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.