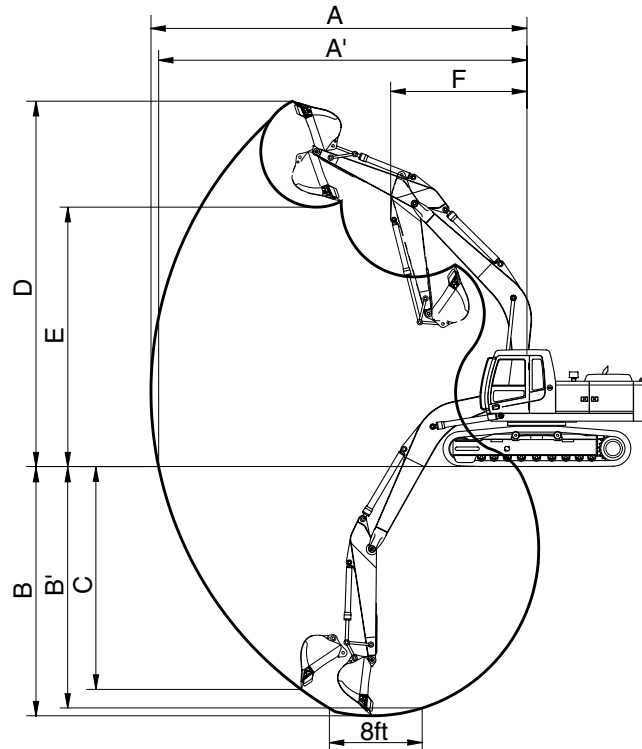


3. WORKING RANGE

1) R305LC-7, R305NLC-7 [6.25m(20' 6") BOOM]

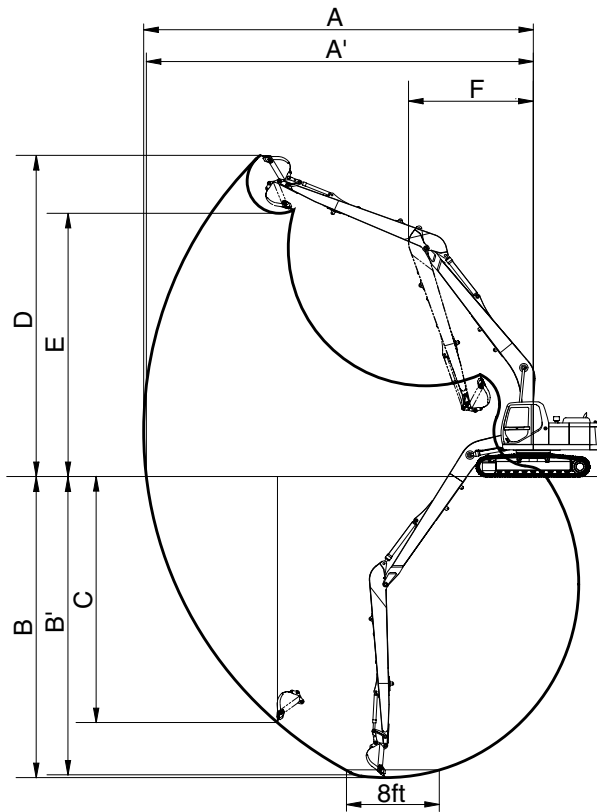


29072SP04

Description		2.10m(6' 11") Arm	2.50m(8' 2") Arm	3.05m(10' 0") Arm	3.75m(12' 4") Arm
Max digging reach	A	10020mm(32' 10")	10280mm(33' 7")	10820mm(35' 6")	11400mm(37' 5")
Max digging reach on ground	A'	9820mm(32' 3")	10080mm(33' 1")	10620mm(34' 10")	11220mm(36' 10")
Max digging depth	B	6440mm(21' 1")	6840mm(22' 5")	7500mm(24' 7")	8090mm(26' 7")
Max digging depth (8ft level)	B'	6240mm(20' 6")	6630mm(21' 9")	7300mm(23' 11")	7920mm(25' 12")
Max vertical wall digging depth	C	6000mm(19' 8")	5850mm(19' 2")	6410mm(21' 0")	7080mm(23' 3")
Max digging height	D	10070mm(33' 0")	10110mm(33' 2")	10160mm(33' 4")	10360mm(33' 12")
Max dumping height	E	6940mm(22' 9")	7030mm(23' 1")	7110mm(23' 4")	7310mm(23' 12")
Min swing radius	F	4380mm(14' 4")	4260mm(13' 12")	4230mm(13' 11")	4140mm(13' 7")
Bucket digging force	SAE	169[184] kN	169[184] kN	169[184] kN	169[184] kN
		17200[18760] kgf	17200[18760] kgf	17200[18760] kgf	17200[18760] kgf
		37920[41370] lbf	37920[41370] lbf	37920[41370] lbf	37920[41370] lbf
	ISO	192[210] kN	192[210] kN	192[210] kN	192[210] kN
		19600[21380] kgf	19600[21380] kgf	19600[21380] kgf	19600[21380] kgf
		43210[47140] lbf	43210[47140] lbf	43210[47140] lbf	43210[47140] lbf
Arm crowd force	SAE	170[185] kN	147[161] kN	124[135] kN	109[119] kN
		17300[18870] kgf	15000[16360] kgf	12600[13750] kgf	11100[12110] kgf
		38140[41610] lbf	33070[36080] lbf	27780[30310] lbf	24470[26690] lbf
	ISO	178[194] kN	154[168] kN	129[140] kN	112[122] kN
		18100[19750] kgf	15700[17130] kgf	13100[14290] kgf	11400[12440] kgf
		39900[43530] lbf	34610[37760] lbf	28880[31510] lbf	25130[27410] lbf

[] : Power boost

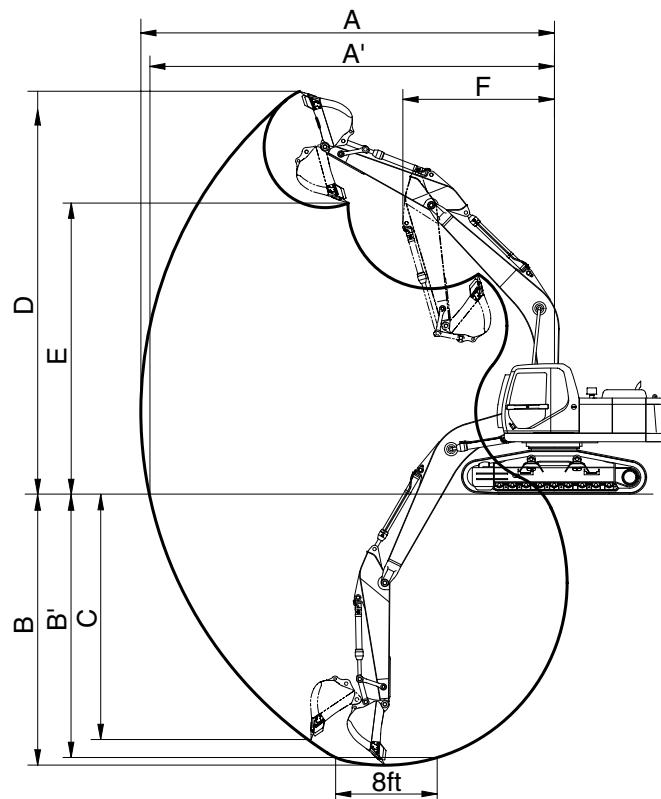
2) R305LC-7 LONG REACH [10.2m(33' 6") BOOM]



29072SP08

Description		7.85m(25' 9") Arm
Max digging reach	A	18510(60' 9")
Max digging reach on ground	A'	18400(60' 4")
Max digging depth	B	14820(48' 7")
Max digging depth (8ft level)	B'	14690(48' 2")
Max vertical wall digging depth	C	12020(39' 5")
Max digging height	D	14500(47' 7")
Max dumping height	E	12190(39' 12")
Min swing radius	F	6250(20' 6")
Bucket digging force	SAE	70 kN
		7100 kgf
		15650 lbf
	ISO	80 kN
		8200 kgf
		18080 lbf
Arm crowd force	SAE	43 kN
		4420 kgf
		9740 lbf
	ISO	44 kN
		4500 kgf
		9920 lbf

3) R305LC-7 HIGH WALKER [6.25m(20' 6") BOOM]



29072SP03

Description		2.10m(6' 11") Arm	2.50m(8' 2") Arm	3.05m(10' 0") Arm	3.75m(12' 4") Arm
Max digging reach	A	10020mm(32' 10")	10280mm(33' 7")	10790mm(35' 5")	11400mm(37' 5")
Max digging reach on ground	A'	9750mm(32' 0")	10020mm(32' 10")	10530mm(34' 7")	11160mm(36' 7")
Max digging depth	B	6140mm(20' 2")	6540mm(21' 5")	7090mm(23' 3")	7790mm(25' 7")
Max digging depth (8ft level)	B'	5930mm(19' 5")	6330mm(20' 9")	6910mm(22' 8")	7630mm(25' 0")
Max vertical wall digging depth	C	5700mm(18' 8")	5560mm(18' 3")	6090mm(20' 0")	6790mm(22' 3")
Max digging height	D	10370mm(34' 0")	10220mm(33' 6")	10440mm(34' 3")	10660mm(34' 12")
Max dumping height	E	7240mm(23' 9")	7170mm(23' 6")	7400mm(24' 3")	7610mm(24' 12")
Min swing radius	F	4380mm(14' 4")	4260mm(13' 12")	4230mm(13' 11")	4140mm(13' 7")
Bucket digging force	SAE	169[184] kN	169[184] kN	169[184] kN	169[184] kN
		17200[18760] kgf	17200[18760] kgf	17200[18760] kgf	17200[18760] kgf
		37920[41370] lbf	37920[41370] lbf	37920[41370] lbf	37920[41370] lbf
	ISO	192[210] kN	192[210] kN	192[210] kN	192[210] kN
		19600[21380] kgf	19600[21380] kgf	19600[21380] kgf	19600[21380] kgf
		43210[47140] lbf	43210[47140] lbf	43210[47140] lbf	43210[47140] lbf
Arm crowd force	SAE	170[185] kN	147[161] kN	124[135] kN	109[119] kN
		17300[18870] kgf	15000[16360] kgf	12600[13750] kgf	11100[12110] kgf
		38140[41610] lbf	33070[36080] lbf	27780[30310] lbf	24470[26690] lbf
	ISO	178[194] kN	154[168] kN	129[140] kN	112[122] kN
		18100[19750] kgf	15700[17130] kgf	13100[14290] kgf	11400[12440] kgf
		39900[43530] lbf	34610[37760] lbf	28880[31510] lbf	25130[27410] lbf

[] : Power boost