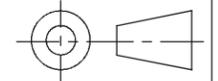


DIMENSIONS ARE IN INCHES

FRACTIONAL	± 1/16
DECIMAL .XX	±.025
DECIMAL .XXX	±.010
ANGLES	±1/2°

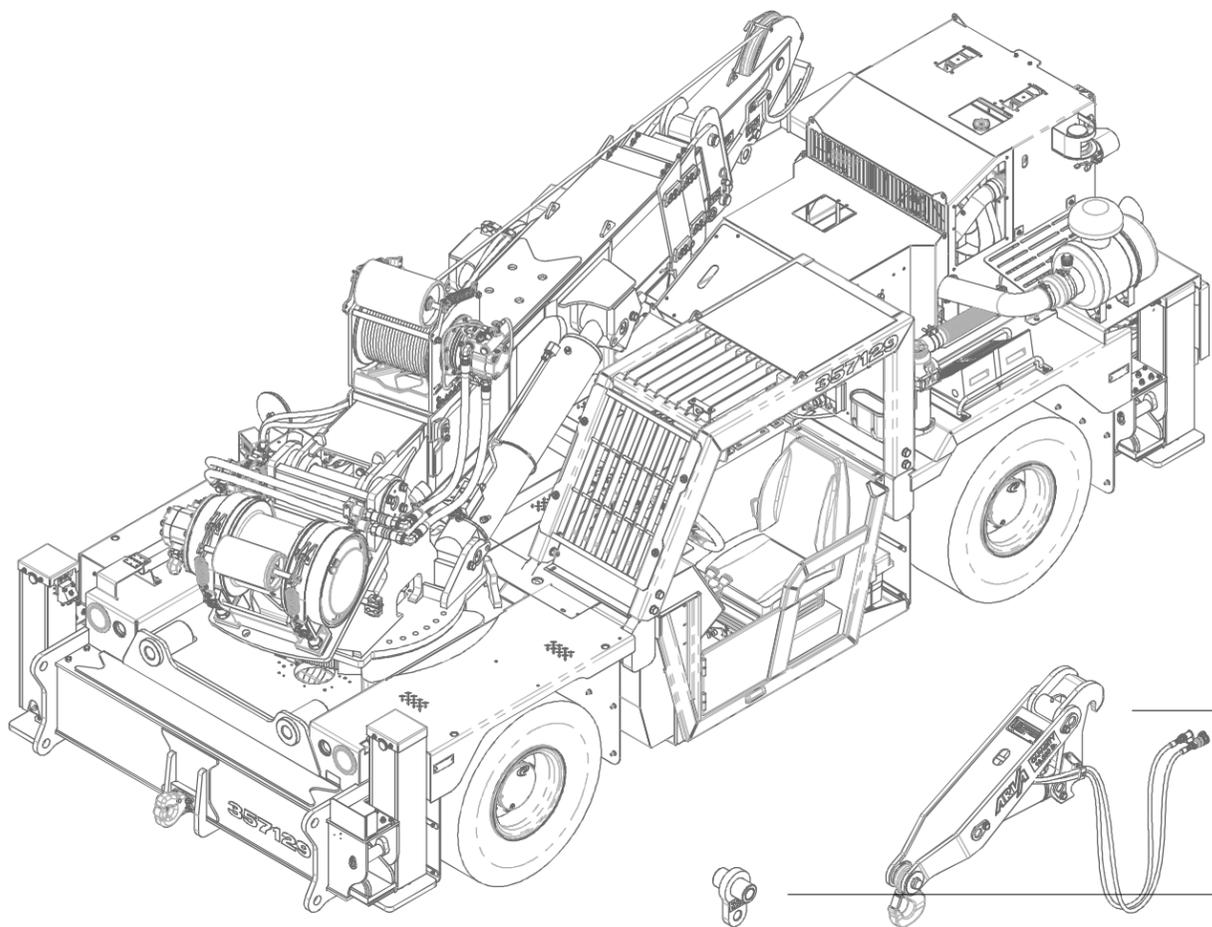


REMOVE ALL BURRS AND SHARP EDGES

MC 310 SERIES CRANE, 15 TON
 HEIGHT, TRAMMING: 72 in (1.83m)
 WIDTH: 84" (2.13m)
 LENGTH, TRAMMING, WITH PINTLE HOOKS: 230 in (5.8m)
 BOOM: 15 ft. to 24 ft. - 3 Section

6 ft. (1.83m) Min. Radius, 60 Deg, Boom Agle
 12 ft. (3.66m) Min. Radius, Horizontal Boom
 25 ft. (7.62m) Max. Working Radius

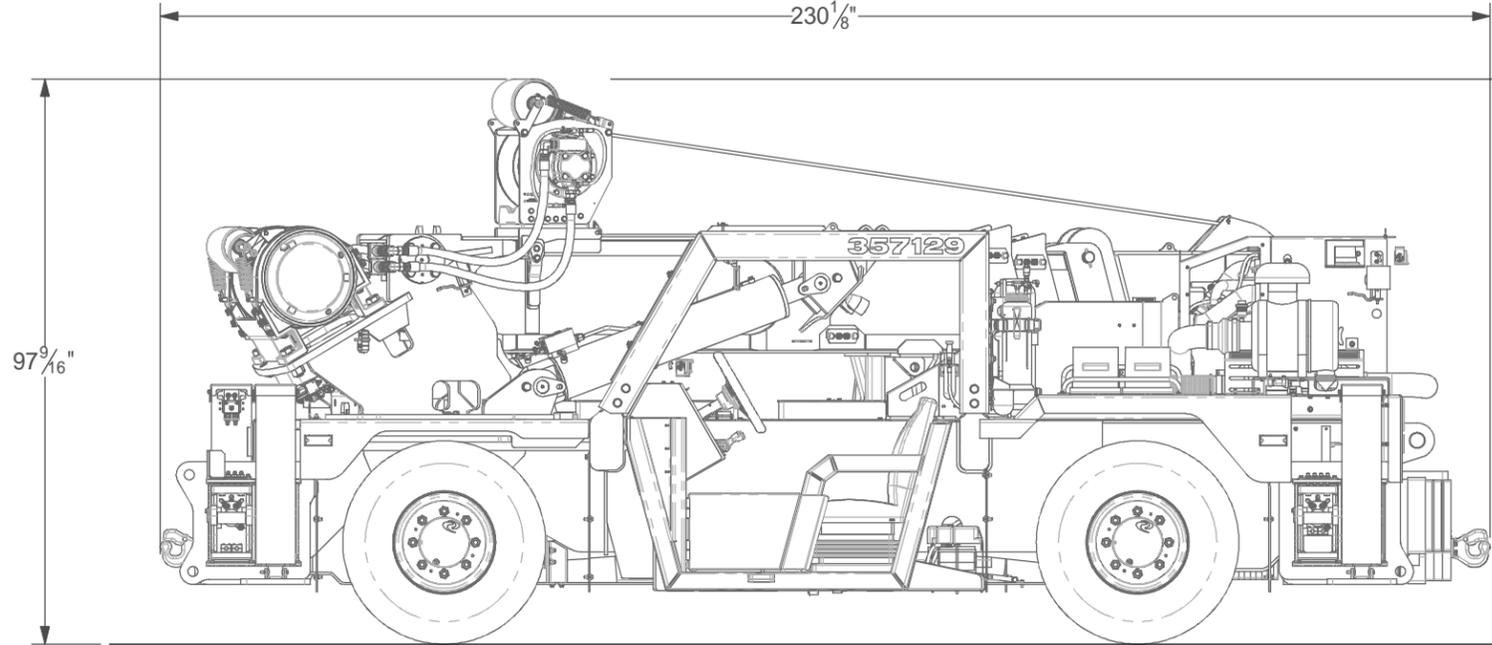
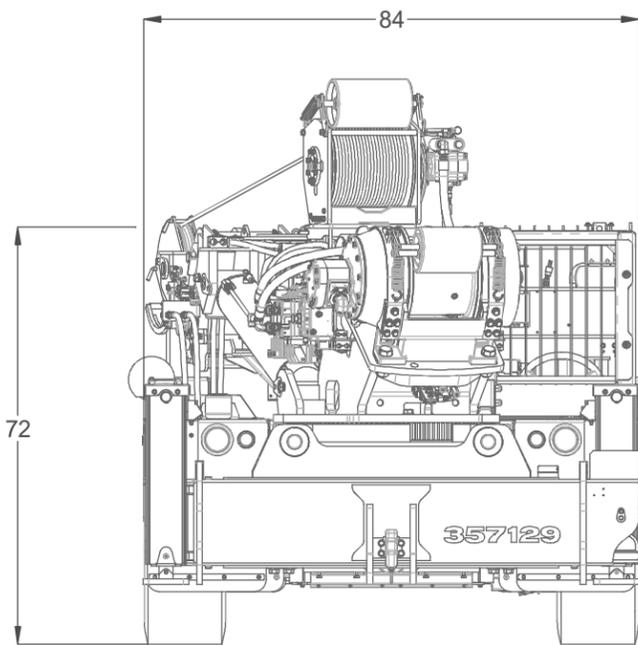
JIB: Optional 42. (1.28m) 12,000 lb. (5443 kg) Capacity Power Jib with Rhino Hook
 WINCH: 24,500 lb. (11,113 kg) Single Line Pull
 AXLES: Comer Industries with Internal Wet Disc Service and Park Brake
 TIRES: Trojan SoftCore, 35x14.50x15, 28 Ply
 STEERING: Two Wheel, Four Wheel and Crab
 ENGINE: Cummins QSB4.5 130 HP, Tier 3
 TRANSMISSION: Funk 4 Speed Forward and Reverse
 CANOPY: ROPS/FOPS Certified



OPTIONAL 18,000 LB LUFFING ATTACHMENT

OPTIONAL 30,000 LB LIFTING LUG

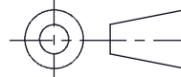
OPTIONAL AUXILIARY WINCH



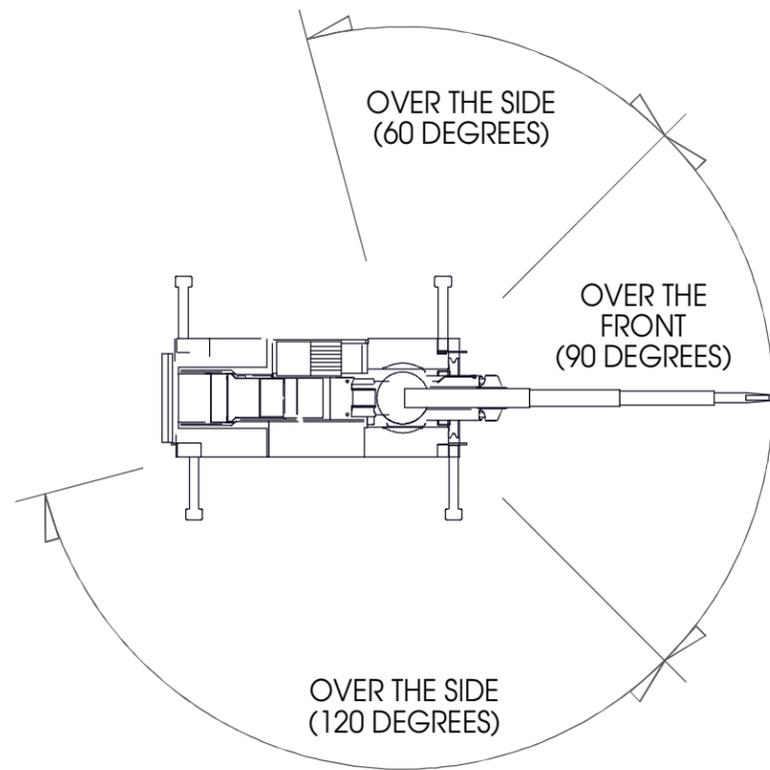
REV	DESCRIPTION	DATE	BY
ARVA INDUSTRIES INC. 43 GAYLORD ROAD ST THOMAS ONT. CAN. N5P 3R9			
TITLE ASSY, GENERAL, MC310, w/OPTIONS			
DRAWING BY	MODEL BY	DRAWN DATE:	
CHK'D BY	LAST SAVED DATE:		
ASSY DWG	WEIGHT (lbs)		
SIMILAR TO			SHEET 1 OF 2
SCALE	DWG NO	REV	
1:32	EP 1616	C	

DIMENSIONS ARE IN INCHES

FRACTIONAL ± 1/16
 DECIMAL .XX ±.025
 DECIMAL .XXX ±.010
 ANGLES ±1/2°



REMOVE ALL BURRS AND SHARP EDGES



BOOM SWING

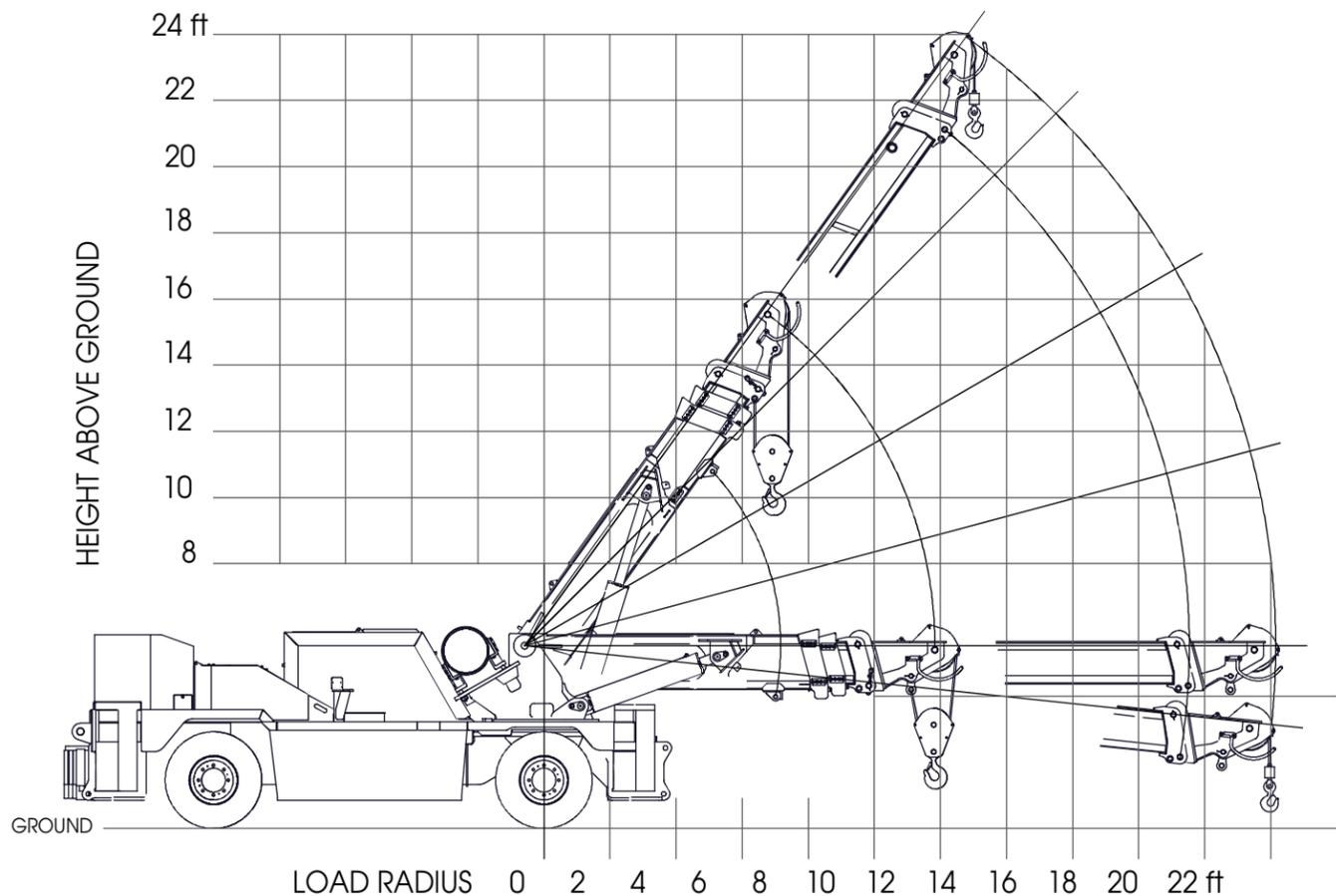
LOAD RADIUS		ON OUTRIGGERS, EXTENDED BEAMS															
		24" BOOM EXTENSION				42" LUFFING JIB				SWIVEL LUG				AUXILIARY WINCH			
		OVER THE FRONT		OVER THE SIDE		OVER THE FRONT		OVER THE SIDE		OVER THE FRONT		OVER THE SIDE		OVER THE FRONT		OVER THE SIDE	
ft	m	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
6	1.8	30,000	13,610	30,000	13,610	--	--	--	--	30,000	13,610	--	--	7,600	3,450	7,600	3,450
7	2.1	30,000	13,610	30,000	13,610	18,000	8,160	18,000	8,160	30,000	13,610	30,000	13,610	7,600	3,450	7,600	3,450
8	2.4	30,000	13,610	30,000	13,610	18,000	8,160	18,000	8,160	30,000	13,610	30,000	13,610	7,600	3,450	7,600	3,450
9	2.7	30,000	13,610	30,000	13,610	18,000	8,160	18,000	8,160	30,000	13,610	30,000	13,610	7,600	3,450	7,600	3,450
10	3.0	30,000	13,610	30,000	13,610	18,000	8,160	18,000	8,160	30,000	13,610	30,000	13,610	7,600	3,450	7,600	3,450
11	3.4	29,250	13,270	29,250	13,270	18,000	8,160	18,000	8,160	29,620	13,440	29,620	13,440	7,600	3,450	7,600	3,450
12	3.7	27,470	12,460	27,470	12,460	18,000	8,160	18,000	8,160	27,910	12,660	27,910	12,660	7,600	3,450	7,600	3,450
13	4.0	25,340	11,490	25,930	11,760	18,000	8,160	18,000	8,160	25,390	11,520	26,430	11,990	7,600	3,450	7,600	3,450
14	4.3	23,220	10,530	24,570	11,140	18,000	8,160	18,000	8,160	23,300	10,570	25,110	11,390	7,600	3,450	7,600	3,450
15	4.6	21,190	9,610	23,360	10,600	18,000	8,160	18,000	8,160	21,240	9,630	23,910	10,850	7,600	3,450	7,600	3,450
16	4.9	19,720	8,940	22,250	10,090	18,000	8,160	18,000	8,160	19,760	8,960	22,790	10,340	7,600	3,450	7,600	3,450
17	5.2	18,220	8,260	21,210	9,620	18,000	8,160	18,000	8,160	18,250	8,280	21,700	9,840	7,600	3,450	7,600	3,450
18	5.5	17,130	7,770	19,430	8,810	17,090	7,750	18,000	8,160	17,160	7,780	19,720	8,940	7,600	3,450	7,600	3,450
19	5.8	15,970	7,240	17,680	8,020	16,140	7,320	17,500	7,940	16,000	7,260	17,930	8,130	7,600	3,450	7,600	3,450
20	6.1	15,140	6,870	16,200	7,350	15,100	6,850	16,020	7,270	--	--	--	--	7,600	3,450	7,600	3,450
21	6.4	14,220	6,450	14,900	6,760	14,370	6,520	14,770	6,700	--	--	--	--	7,600	3,450	7,600	3,450
22	6.7	--	--	--	--	13,530	6,140	13,670	6,200	--	--	--	--	--	--	--	--

LOAD RADIUS		PICK & CARRY ON TIRES MAX. 2.5 mph OVER THE FRONT							
		24" BOOM EXT'N		42" LUFFING JIB		SWIVEL LUG		AUXILIARY WINCH	
		lb	kg	lb	kg	lb	kg	lb	kg
6	1.8	--	--	--	--	--	--	--	--
7	2.1	9,140	4,150	9,280	4,210	8,920	4,050	7,600	3,450
8	2.4	8,490	3,850	8,640	3,920	8,290	3,760	7,600	3,450
9	2.7	7,910	3,590	8,060	3,660	7,710	3,500	7,600	3,450
10	3.0	7,390	3,350	7,540	3,420	7,430	3,370	7,390	3,350
11	3.4	6,920	3,140	7,070	3,210	6,960	3,160	6,920	3,140
12	3.7	6,710	3,040	6,650	3,020	6,730	3,050	6,710	3,040
13	4.0	6,310	2,860	6,450	2,930	6,340	2,880	6,310	2,860
14	4.3	6,120	2,780	6,090	2,760	6,160	2,790	6,120	2,780
15	4.6	5,790	2,630	5,920	2,690	5,820	2,640	5,790	2,630
16	4.9	5,650	2,560	5,610	2,540	5,670	2,570	5,650	2,560
17	5.2	5,360	2,430	5,480	2,490	5,380	2,440	5,360	2,430
18	5.5	5,230	2,370	5,210	2,360	5,260	2,390	5,230	2,370
19	5.8	4,980	2,260	5,090	2,310	5,000	2,270	4,980	2,260
20	6.1	4,880	2,210	4,850	2,200	--	--	4,880	2,210
21	6.4	4,660	2,110	4,760	2,160	--	--	4,660	2,110
22	6.7	--	--	4,550	2,060	--	--	--	--

CAUTION: CHART CONDITIONS
 HEIGHT, TRAMMING: 72 in (1.83m)
 (3.78 m TO 6.74 m) SHEAVE ATTACHMENT

NOTES:

1. STABILITY GOVERNS CAPACITY BELOW BOLD LINE
2. STABILITY PERCENT:
 ON OUTRIGGERS = 85%
 ON TIRES = 75%
3. CAPACITIES SHOWN INCLUDE CABLE, HOOK BLOCK, RIGGING AND LOAD.
4. CAPACITY AVAILABLE ON OUTRIGGERS WITHIN 270° SWING STOPS.
5. SINGLE PART LINE CAPACITY OF STD. BOOM & WINCH = 24,000 lb. (10,900 kg.)
6. BOOM TO BE CENTERED OVER THE FRONT FOR PICK & CARRY.
7. PICK & CARRY LOADS SHOWN ARE FOR CRANE ON LEVEL GRADE.
8. PICK & CARRY LOADS MUST BE SECURED AGAINST SWINGING
9. BOOM DOES NOT HAVE ANY ELECTRICAL RATING, NOT FOR LIVE ELECTRICAL WORK.
10. LIFTING LUG ON UNDERSIDE OF BASE SECTION LIMITED TO 15,000 lb. (6,840 kg.)
11. THIS CHART MAY CONTAIN INFORMATION ON OPTIONAL EQUIPMENT NOT ON YOUR CRANE.



24,500 LB. LINE PULL
 SUBTRACT 3'-6" (1.1M) FROM LOAD RADIUS
 TO FRONT OF FRAME

REV	DESCRIPTION	DATE	BY
ARVA INDUSTRIES INC. 43 GAYLORD ROAD ST THOMAS ONT. CAN. N5P 3R9			
TITLE ASSY, GENERAL, MC310, w/OPTIONS			
DRAWING BY		MODEL BY	DRAWN DATE:
CHK'D BY		LAST SAVED DATE:	
ASSY DWG		WEIGHT (lbs)	
SIMILAR TO		SHEET 2 OF 2	
SCALE	DWG NO	REV	
1:32	EP 1616	C	