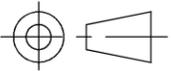
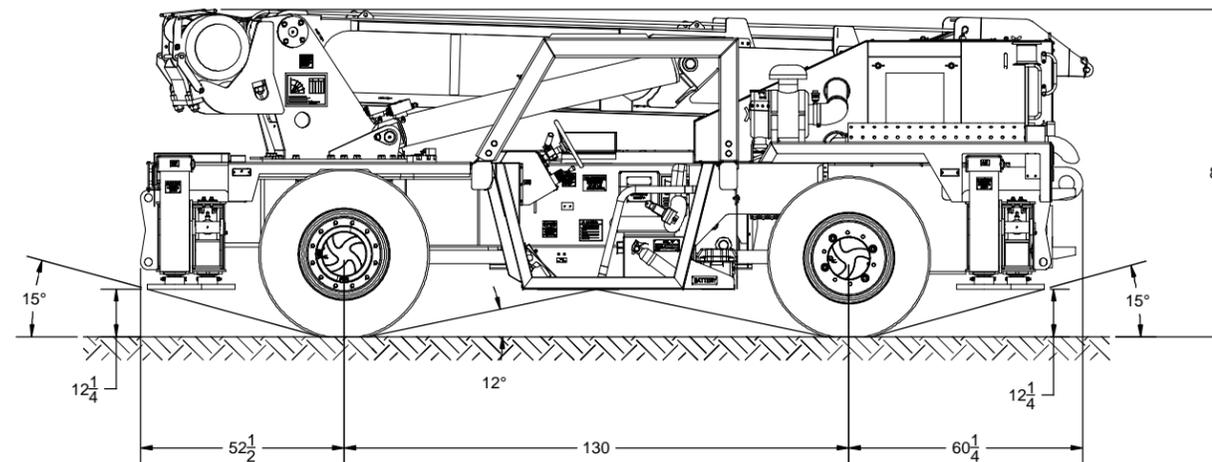
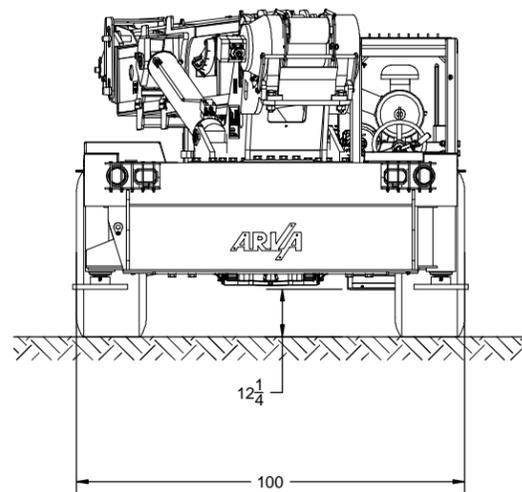
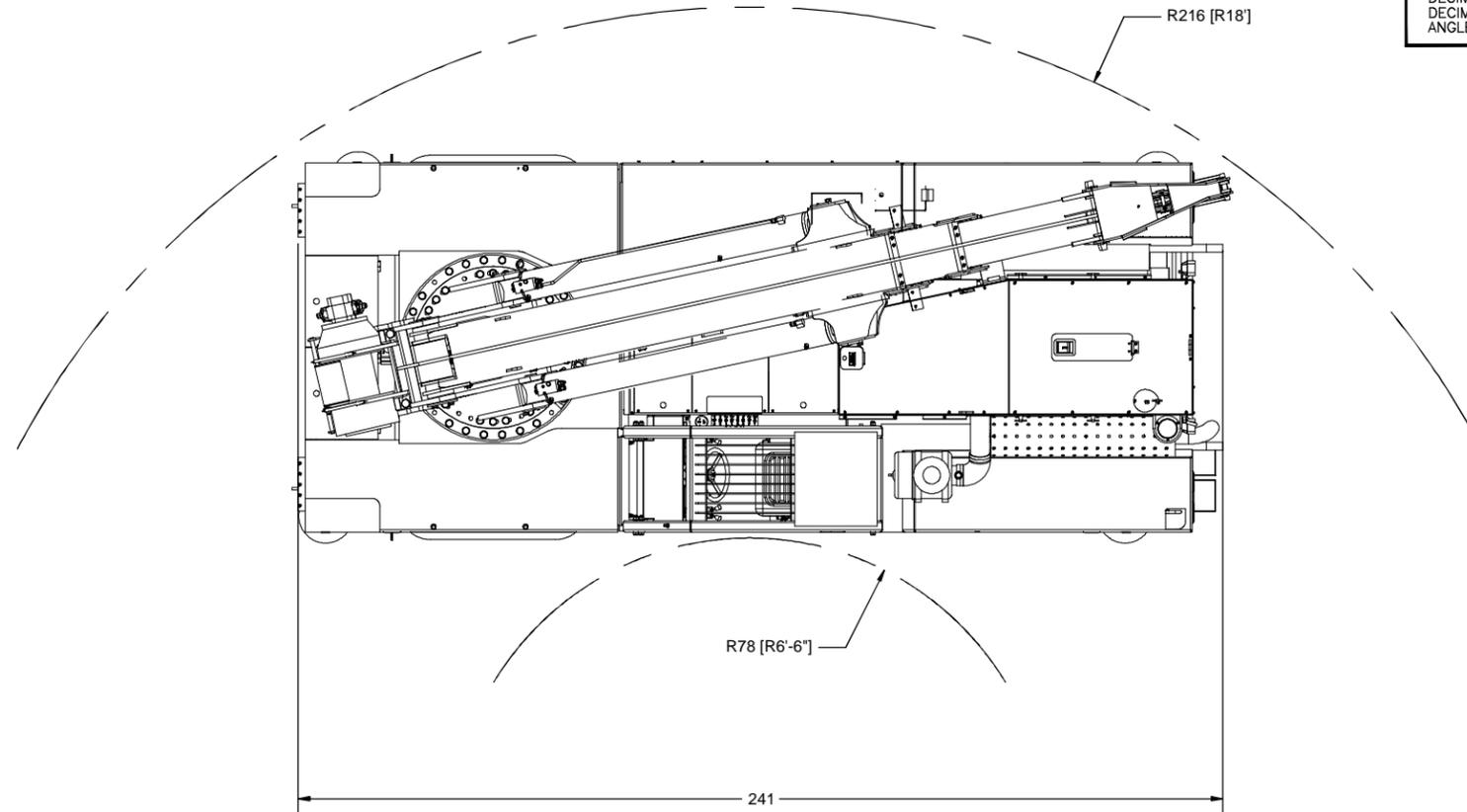


DIMENSIONS ARE IN INCHES	
FRACTIONAL	± 1/16
DECIMAL .XX	±.025
DECIMAL .XXX	±.010
ANGLES	±1/2°



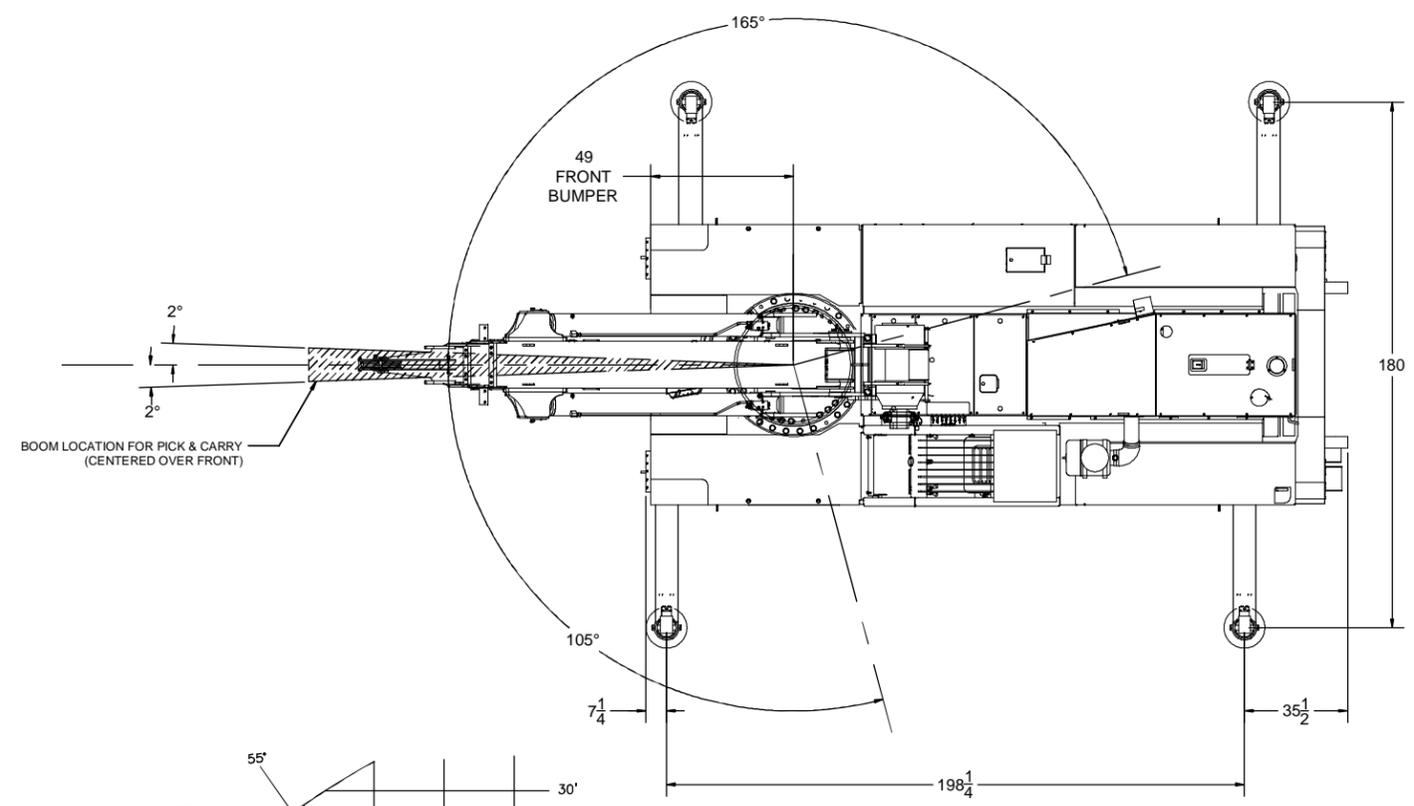
MC400 SPECIFICATIONS

- BOOM: 3 Section, fully hydraulic. 13'-2" (ret.) to 25'-10" (ext.).
- RIGGING: 25 ton hook block and 15 ton hook.
- OUTRIGGERS: Four single stage, out-and-down style.
- ENGINE: Cummins QSB 4.5C. 160 hp, Tier 3.
- TRANSMISSION: Power shift, 3 forward and 3 reverse speeds, electronic shift.
- FRONT AXLE: Pad mount, limited slip with internal wet disc service brakes at wheel ends.
- REAR AXLE: Trunnion mount, standard with internal wet disc service and SAHR parking brakes.
- STEERING: 2 wheel front. 4 wheel with manual rear.
- DRIVE: Full time four wheel.
- TIRES: Maxxis TuffGuard with Soft Core (super overload compound).
- TRAVEL SPEED: 13 mph (22 k/hr)
- HYDRAULICS: Two pumps (36.3 gpm and 13.3 gpm) torque converter driven. JIC fittings and hoses. 45 gal. reservoir.
- ELECTRICAL: 12 V dc, main disconnect, 95 amp alternator.
- CAB: Single person, air suspension seat, Murphy engine monitor system.
- SAFETY: ROPS canopy, Ansul fire suppression system.



ARVA ARVA INDUSTRIES INC. 43 GAYLORD ROAD ST THOMAS ONT. CAN. N5P 3R9	
TITLE MC430	
DWN BY	DATE:
CHK'D BY	DATE:
ASSY DWG	WEIGHT 45000
SIMILAR TO	SHEET 1 OF 4
SCALE 1:48	DWG NO EP1600
	REV F

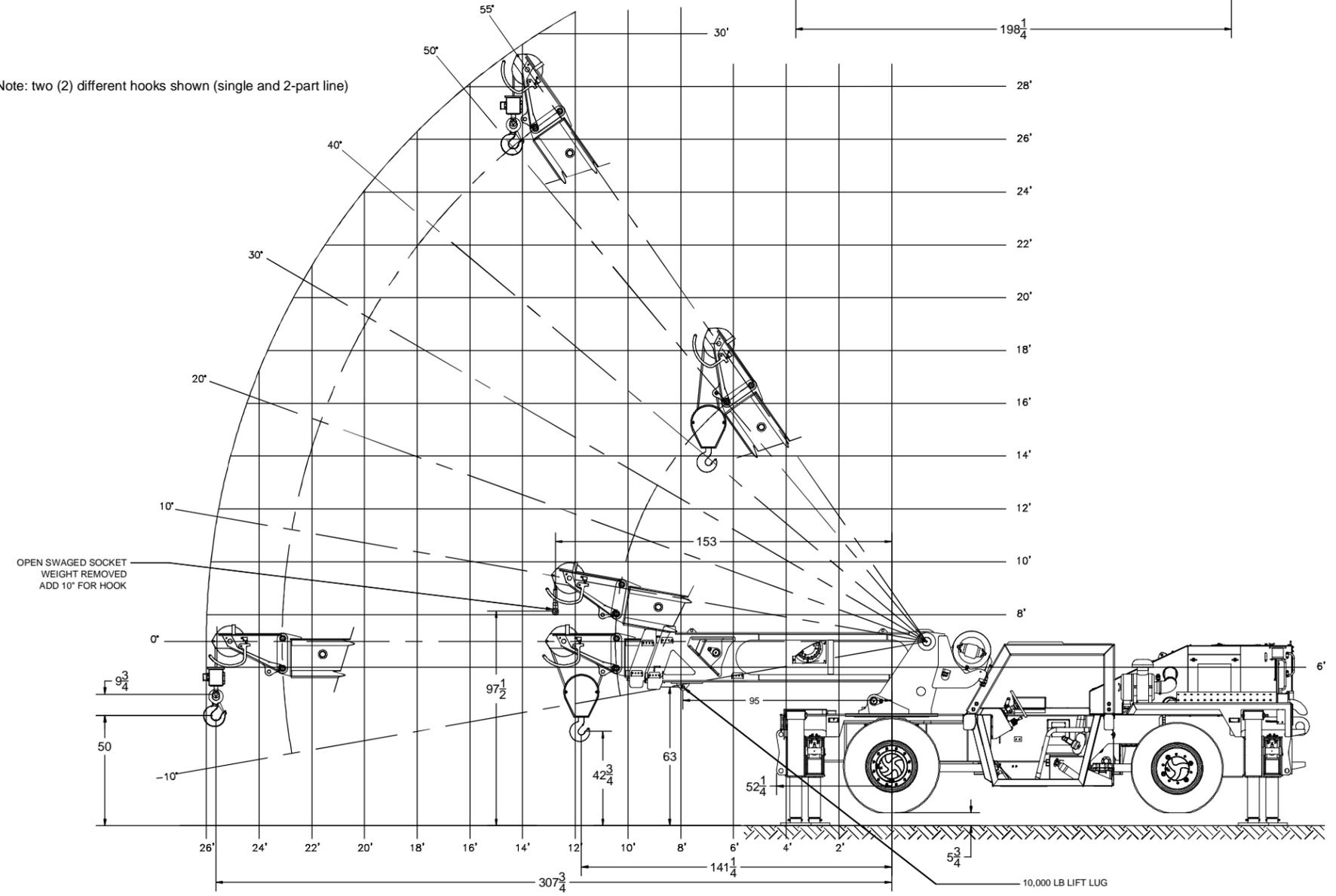
DIMENSIONS ARE IN INCHES	
FRACTIONAL	± 1/16
DECIMAL .XX	±.025
DECIMAL .XXX	±.010
ANGLES	±1/2°



CAPACITY CHART

Load Radius	On Outriggers		Pick and Carry on Tires*				
	Extended Beams Pick 278° Swing		max. 2.5 mph over Front		max. 1.0 mph over Front		
ft.	m.	lbs.	kg.	lbs.	kg.	lbs.	kg.
6	1.8	40,000	18,140	20,300	9,210	24,900	11,290
7	2.1	40,000	18,140	19,100	8,660	23,500	10,660
8	2.4	40,000	18,140	18,100	8,210	22,200	10,070
9	2.7	39,800	18,050	17,100	7,750	21,100	9,570
10	3.0	37,500	17,010	16,300	7,390	19,400	8,800
11	3.4	35,600	16,140	15,500	7,030	17,600	7,980
12	3.7	33,900	15,380	14,800	6,710	16,200	7,350
13	4.0	32,400	14,700	14,200	6,440	14,900	6,760
14	4.3	31,100	14,110	13,600	6,170	13,800	6,260
15	4.6	29,900	13,200	12,900	5,850	12,900	5,850
16	4.9	26,800	12,160	12,100	5,490	12,100	5,490
17	5.2	24,900	11,290	11,400	5,170	11,400	5,170
18	5.5	23,200	10,520	10,800	4,900	10,800	4,900
19	5.8	21,700	9,840	10,200	4,620	10,200	4,620
20	6.1	20,400	9,250	9,700	4,400	9,700	4,400
21	6.4	19,200	8,710	9,200	4,170	9,200	4,170
22	6.7	18,200	8,250	8,800	3,990	8,800	3,990
23	7.0	17,300	7,850	8,400	3,810	8,400	3,810
24	7.3	16,400	7,440	8,000	3,630	8,000	3,630
25	7.6	15,700	7,120	7,700	3,490	7,700	3,490

*Note: two (2) different hooks shown (single and 2-part line)



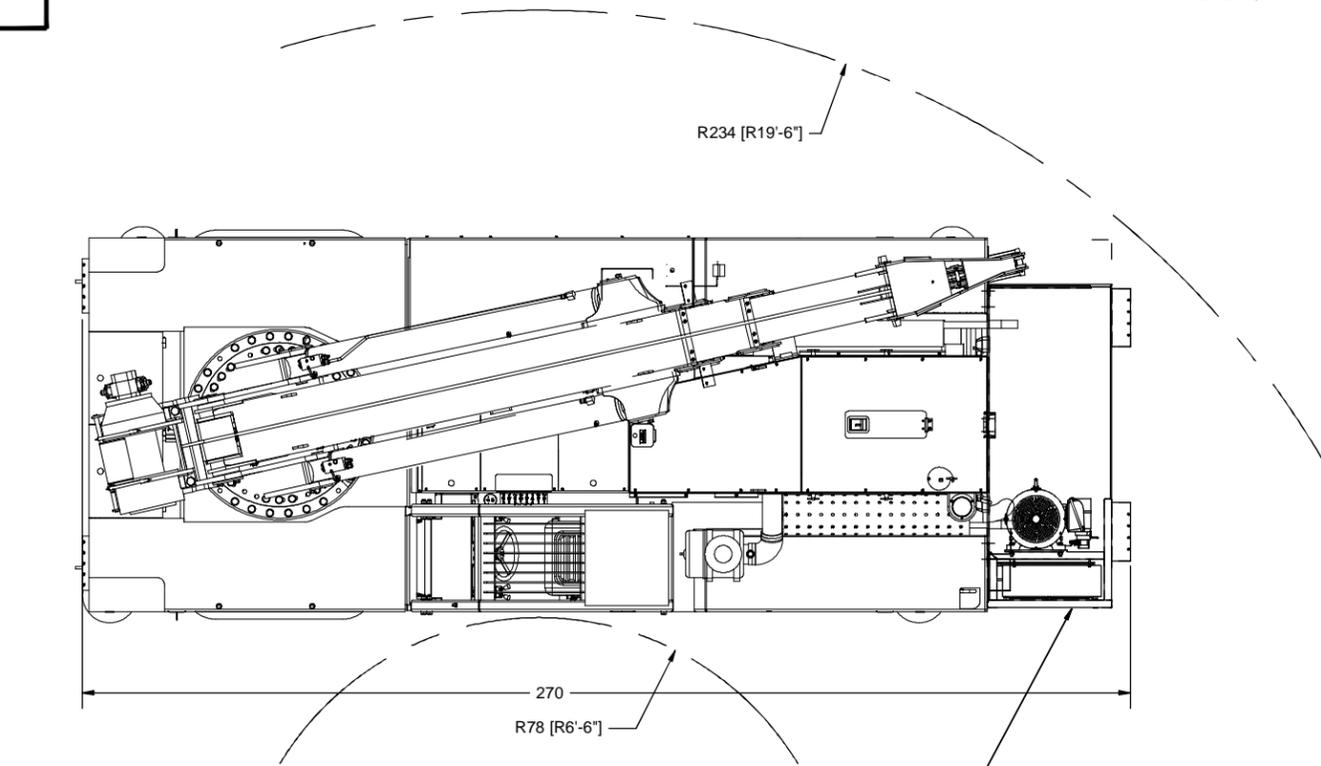
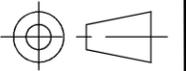
- NOTES:
1. STABILITY GOVERNS CAPACITY BELOW BOLD LINE
 2. STABILITY PERCENT: ON OUTRIGGERS = 85%, ON TIRES = 75%.
 3. CAPACITIES SHOWN INCLUDE CABLE, HOOK BLOCK, RIGGING AND LOAD.
 4. CAPACITY AVAILABLE ON OUTRIGGERS WITHIN 270° SWING STOPS.
 5. SINGLE PART LINE CAPACITY OF STD. BOOM = 25,000 LB. (10,000 Kg.)
 6. BOOM TO BE CENTERED OVER FRONT FOR PICK & CARRY.
 7. BOOM DOES NOT HAVE ANY ELECTRICAL RATING, NOT FOR LIVE ELECTRICAL WORK.
 8. LIFTING LUG ON UNDERSIDE OF BASE SECTION LIMITED TO 10,000 LB.

* REQUIRES SOFTCORE SUPER OVERLOAD COMPOUND

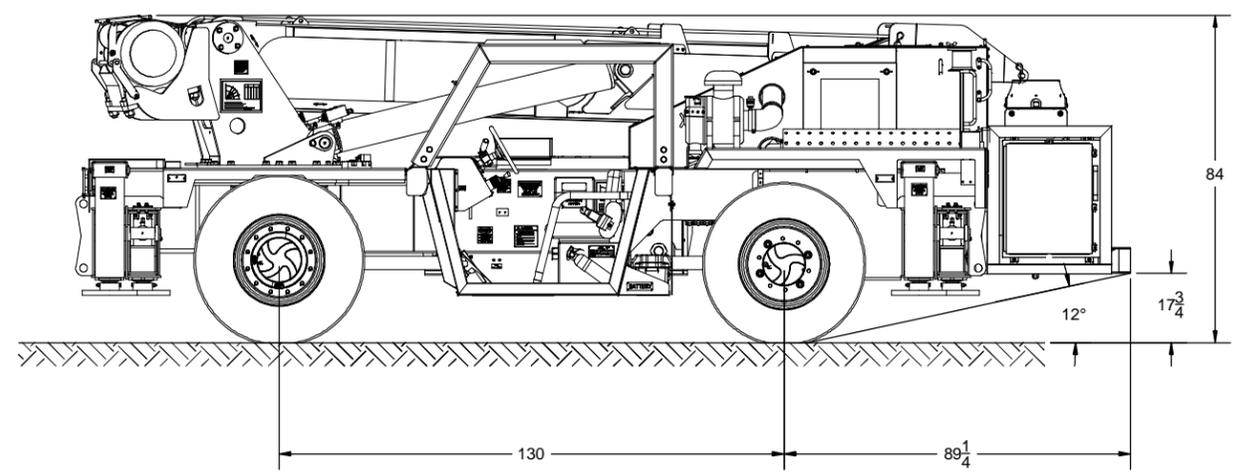
ARVA INDUSTRIES INC. 43 GAYLORD ROAD ST THOMAS ONT. CAN. N5P 3R9	
TITLE	
MC430	
DWN BY	DATE:
CHK'D BY	DATE:
ASSY DWG	WEIGHT 45000
SIMILAR TO	SHEET 2 OF 4
SCALE 1:64	DWG NO EP1600
	REV F

THIS PRINT AND DESIGN IS THE PROPERTY OF ARVA INDUSTRIES IS CONFIDENTIAL AND IS NOT TO BE REPRODUCED WITHOUT OUR PERMISSION AND IS TO BE RETURNED UPON REQUEST

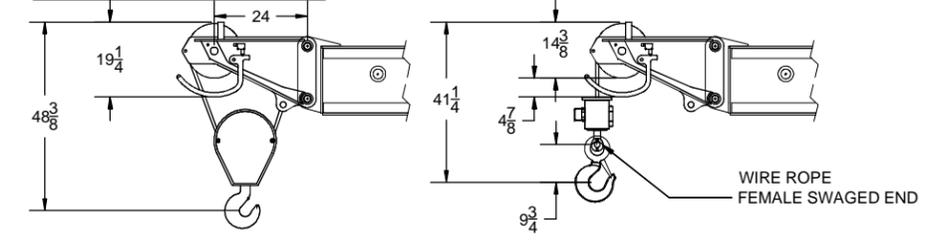
DIMENSIONS ARE IN INCHES	
FRACTIONAL	± 1/16
DECIMAL .XX	±.025
DECIMAL .XXX	±.010
ANGLES	±1/2°



OPTIONAL HYDRAULIC POWER PACK
(600 V, 75 HP MOTOR, 45 US GPM PUMP)
PIN ON QUICK ATTACHMENT
SKID MOUNTED

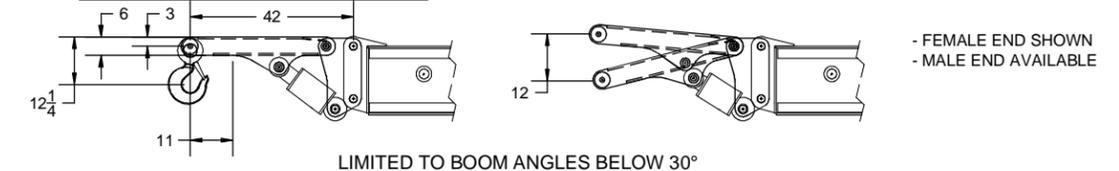


24" SHEAVE EXTENSION (40,000 LB 2 PART LINE, 25,000 LB SINGLE LINE)



WIRE ROPE
FEMALE SWAGED END

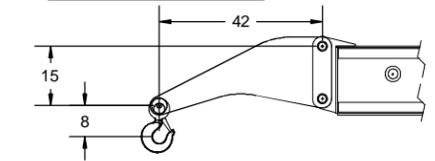
42" POWERED JIB (24,000 LB)



LIMITED TO BOOM ANGLES BELOW 30°

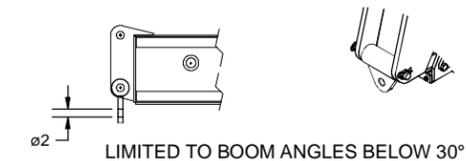
- FEMALE END SHOWN
- MALE END AVAILABLE

42" JIB (20,000 LB)



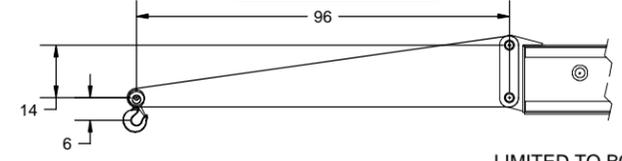
- 15" OFFSET SHOWN
- OTHER OFFSETS AVAILABLE
- OTHER LENGTHS AND CAPACITIES AVAILABLE

SWIVEL LUG (40,000 LB)



LIMITED TO BOOM ANGLES BELOW 30°

96" JIB (8,000 LB)



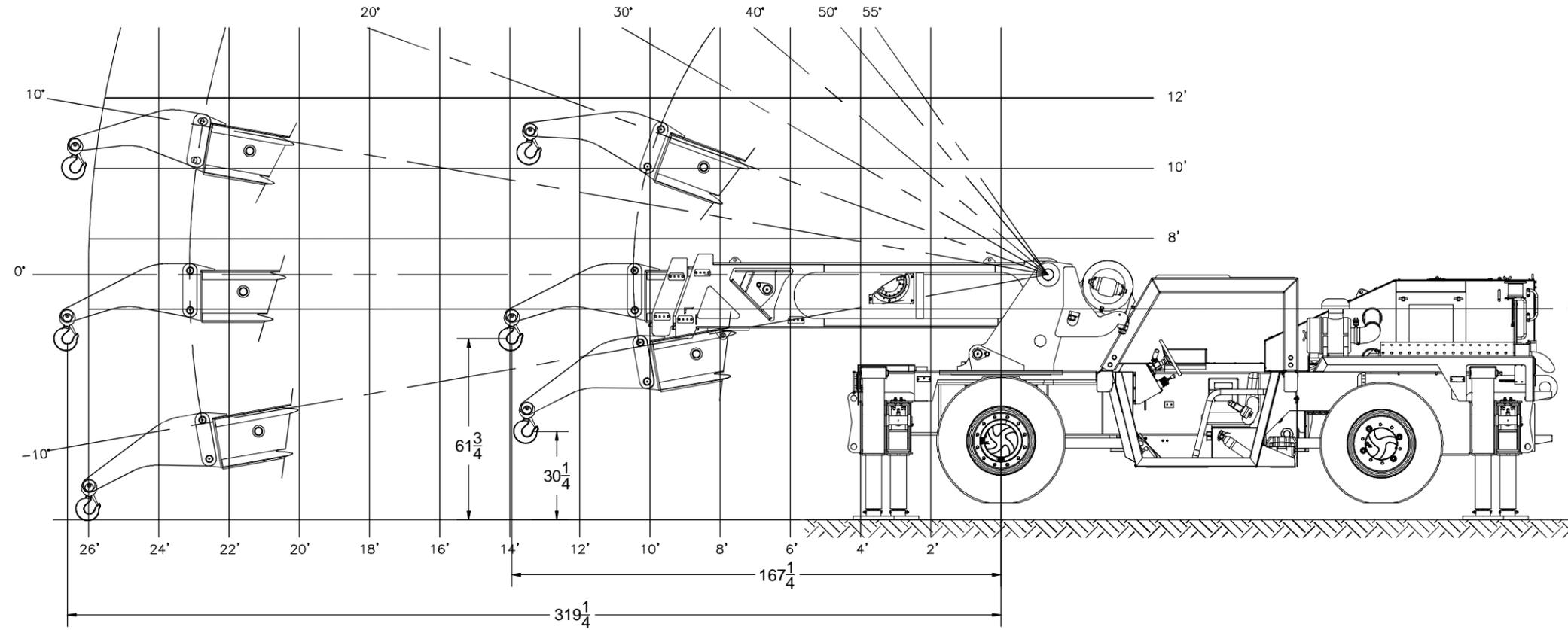
- 14" OFFSET SHOWN
- OTHER OFFSETS AVAILABLE
- OTHER LENGTHS AND CAPACITIES AVAILABLE

LIMITED TO BOOM ANGLES BELOW 30°

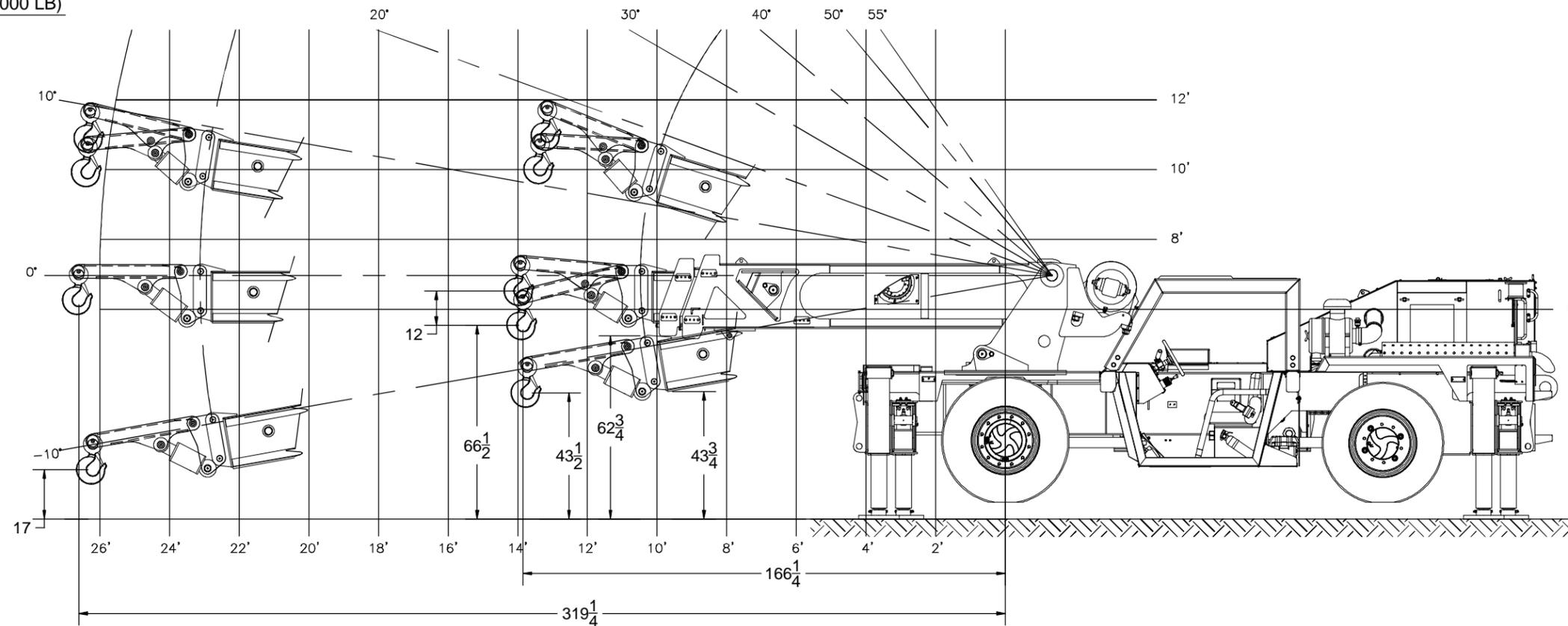
ARVA ARVA INDUSTRIES INC. 43 GAYLORD ROAD ST THOMAS ONT. CAN. N5P 3R9	
TITLE MC430	
DWN BY	DATE:
CHK'D BY	DATE:
ASSY DWG	WEIGHT 45000
SIMILAR TO	SHEET 3 OF 4
SCALE 1:48	DWG NO EP1600
	REV F

DIMENSIONS ARE IN INCHES	
FRACTIONAL	± 1/16
DECIMAL .XX	±.025
DECIMAL .XXX	±.010
ANGLES	±1/2°

42" JIB (20,000 LB)



42" POWERED JIB (24,000 LB)



ARVA ARVA INDUSTRIES INC. 43 GAYLORD ROAD ST THOMAS ONT. CAN. N5P 3R9	
TITLE MC430	
DWN BY	JATE:
CHK'D BY	JATE:
ASSY DWG	WEIGHT 45000
SIMILAR TO	SHEET 4 OF 4
SCALE 1:48	DWG NO EP1600
	REV F