















SPECIFICATIONS

The ARVA AT3035M Series - **5 TON** is designed for durability and trouble-free operation in a wide range of conditions including rough terrain.

	DRIVE		
	2 or 4 wheel		
	GROSS WEIGHT		
	Single cab	18,000 lbs.	8 182 kg.
	DIMENSIONS		
	Overall length, boom in travel position	320.0"	8 128 mm
	Overall width	94.0"	2 388 mm
	94" width allows for C-17 transportation along side Chinook Helicopter.		
	Overall height	92.0"	2 337 mm
	Track width	79.0"	2 007 mm
	Wheel base	104.0"	2 642 mm
	Turning radius- 4 wheel	187.0"	4 750 mm
	- 2 wheel	324.0"	8 230 mm
	CAPACITIES (US)		
	Fuel tank	40.0 gal	157 L
	Transmission system	5.5 gal	22 L
	Hydraulic tank	35.0 gal	132 L
	Coolant system	6.7 gal	25 L
	Engine lubrication	4.2 gal	16.0 L
	ENGINE, DIESEL		
	Cummins QSB 4.5- 4 cylinder.	99 @ 2500 rpm	
	TRANSMISSION		
	Dana T-1200, power shift.	4 forward, 1 reverse	
	WHEELS & TIRES		
	Traction Lug	385/65-225	
	Pressure	100 psi	689 kPa
	BRAKES		
	Service	Hydraulic internal wet disc brakes in axles	
	Parking	Internal disc brake in axles	
	STEERING		
	Full hydraulic 2 or 4 wheel, crab or coordinated.		
	HYDRAULIC PUMPS		
	Two (2) section @2500 rpm - 1st.	30.4 gpm	115.10 lpm
	- 2nd.	15.2 gpm	57.54 lpm
	BOOM		
	Sections	2 section, fully hydraulic	
	Elevation	0 to 72 degrees	
	Length	21'4" to 37' 9.93"	6.52 m to 11.53 m
	OUTRIGGERS		
	Hydraulic cylinder controlled		
	Side to side	13' 0"	3 962 mm
	Front to rear	14' 8"	4 470 mm
	Pad Size	11" sq.	
	ELECTRICAL SYSTEM		
	1 maintenance-free batteries each	12 V, 24 V optional	
	Alternator	95 amp	
	CAB HEATER		
	Type	Hot water	



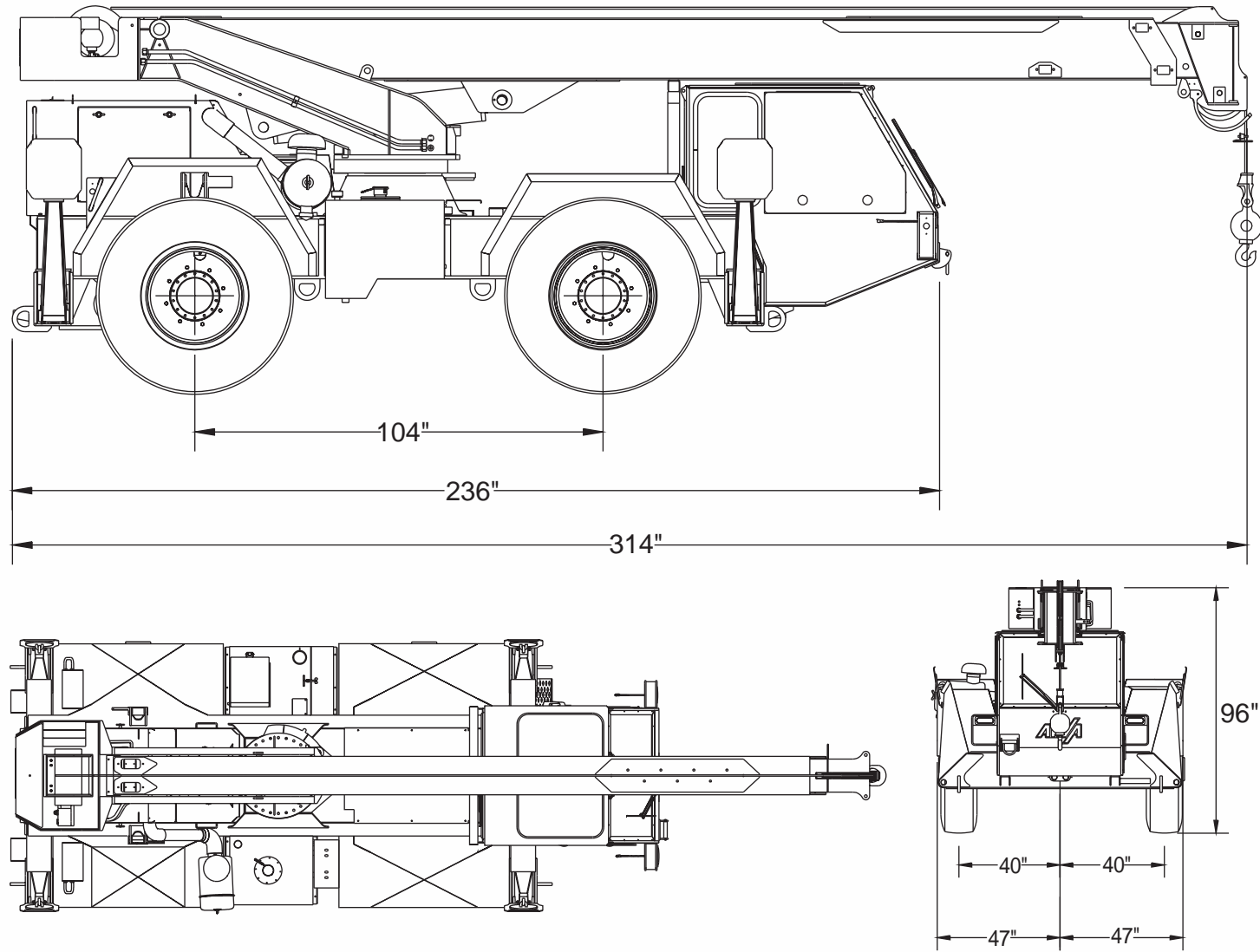
5 TON



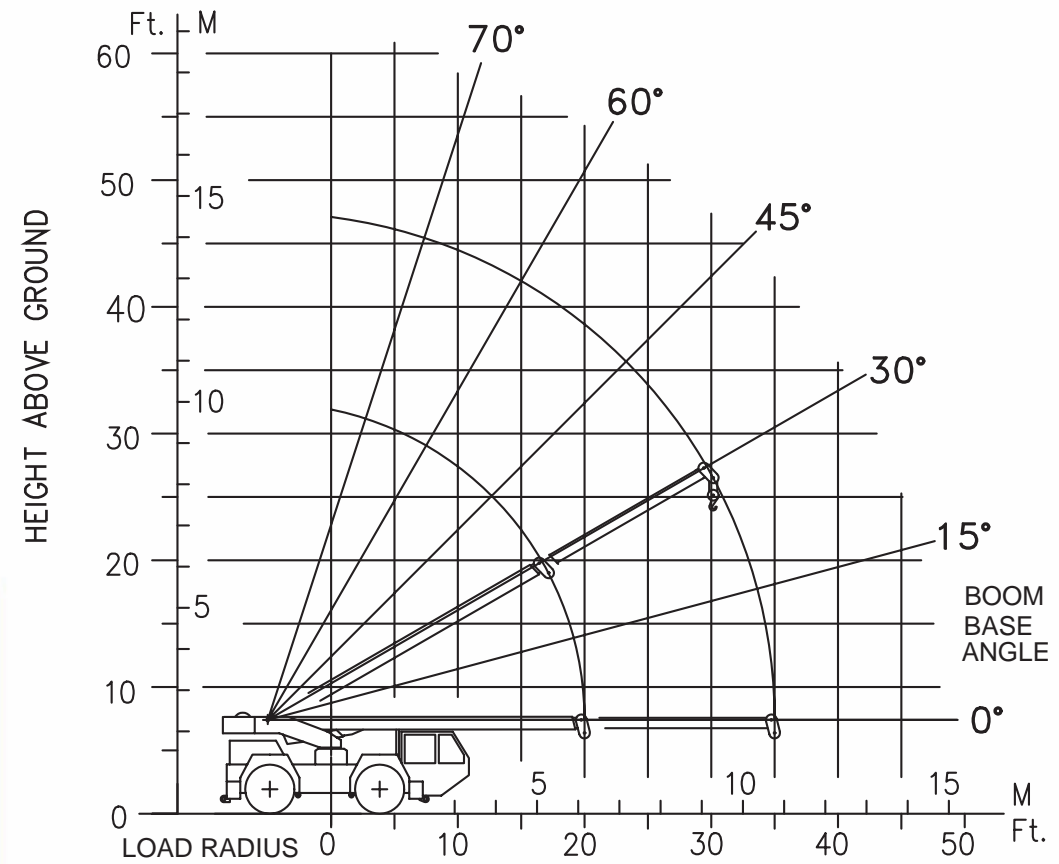
AT3035M SERIES
5 TON @ 10' RADIUS
ROUGH TERRAIN CRANE
FIRST ARTICLE TESTED. PROVEN PERFORMER IN THEATRE.



AT3035M SERIES- 5 TON DIMENSIONS



AT3035M SERIES- 5 TON CAPACITY CHARTS



BOOM LENGTH
23' TO 40' 6"

Constant improvement and engineering progress make it necessary for ARVA Industries Inc. to reserve the right to make specifications and equipment changes without notice.



"The ideal crane for C-17 and Chinook deployment"



"The AT3035M Series- 5 Ton Rough Terrain Crane preferred by the USAF"



"C-130 Transportable"

STANDARD CAPACITY CHART - POUNDS

LOAD RADIUS Ft.	360°		OVER FRONT		PICK & CARRY lb.
	OUTRIGGER lb.	ON TIRES lb.	OUTRIGGER lb.	ON TIRES lb.	
10	10000	7050	10000	10000	8900
12	9050	5200	9050	7400	7400
14	8200	4000	8200	5650	5650
16	7500	3200	7500	4500	4500
18	6900	2600	6900	3650	3650
20	6400	2250	6400	3150	3150
22	5950	1950	5950	2700	2700
24	5150	1650	5550	2300	2300
26	4550	1450	5200	2050	2050
28	4000	1250	4550	1880	1800
30	3600	1100	4100	1600	1600
32	3250	950	3650	1400	1400
34	2950	850	3350	1300	1300
35	2800	800	3200	1200	1200

- NOTES:
1. Pick and carry operations - boom to be centered over front.
 2. Pick and carry loads should be restrained from swinging.
 3. Pick and carry - tire infl. 100 psi for 2 1/2 mph
 4. Stability governs capacity below dotted line
 5. Stability percent on outriggers = 85%
 6. Stability percent on tires = 75%
 7. Capacities shown include cable, hook block, rigging and load.
 8. Review operators manual before operating crane.
 9. Single part line capacity is 6,000 lbs.
 10. Above 6,000 lbs. lift requires 2 part line.

