

RADIUS FT	MAIN BOOM LENGTH IN FEET CAPACITY IN LBS (BOOM ANGLE IN DEG)															
	26		30		35		40		45		50		55		60	
	360°	FRONT	360°	FRONT	360°	FRONT	360°	FRONT	360°	FRONT	360°	FRONT	360°	FRONT	360°	FRONT
10	<b>80000</b> (70.0)	80000 (70.0)														
12	<b>80000</b> (65.3)	80000 (65.3)	<b>80000</b> (68.7)	80000 (68.7)												
15	<b>61300</b> (57.8)	72600 (57.8)	<b>61500</b> (62.5)	69200 (62.5)	<b>61700</b> (66.6)	66000 (66.6)	<b>61900</b> (69.7)	63500 (69.7)								
20	<b>39100</b> (43.6)	57400 (43.6)	<b>39300</b> (51.1)	54600 (51.1)	<b>39500</b> (57.4)	51800 (57.4)	<b>39700</b> (61.9)	49500 (61.9)	<b>39800</b> (65.2)	47600 (65.2)	<b>39900</b> (67.9)	46100 (67.9)	<b>39900</b> (69.9)	44800 (69.9)		
25	<b>28000</b> (23.9)	41400 (23.9)	<b>28100</b> (37.5)	41600 (37.5)	<b>28300</b> (47.1)	41800 (47.1)	<b>28500</b> (53.4)	41100 (53.4)	<b>28600</b> (58.0)	39400 (58.0)	<b>28700</b> (61.5)	37900 (61.5)	<b>28700</b> (64.3)	36200 (64.3)	<b>28800</b> (66.5)	35700 (66.5)
30			<b>21400</b> (16.6)	31500 (16.6)	<b>21600</b> (34.6)	31700 (34.6)	<b>21800</b> (43.9)	31800 (43.9)	<b>21900</b> (50.1)	31900 (50.1)	<b>21900</b> (54.7)	32000 (54.7)	<b>22000</b> (58.3)	31400 (58.3)	<b>22000</b> (61.2)	30400 (61.2)
35					<b>17100</b> (15.4)	25100 (15.4)	<b>17300</b> (32.3)	25200 (32.3)	<b>17400</b> (41.3)	25300 (41.3)	<b>17500</b> (47.4)	25400 (47.4)	<b>17500</b> (52.0)	25500 (52.0)	<b>17600</b> (55.6)	25600 (55.6)
40							<b>14100</b> (14.4)	20600 (14.4)	<b>14200</b> (30.5)	20700 (30.5)	<b>14200</b> (39.1)	20800 (39.1)	<b>14300</b> (45.1)	20900 (45.1)	<b>14400</b> (49.7)	21000 (49.7)
45									<b>11800</b> (13.6)	17400 (13.6)	<b>11800</b> (28.9)	17400 (28.9)	<b>11900</b> (37.2)	17500 (37.2)	<b>12000</b> (43.1)	17600 (43.1)
50											<b>10000</b> (12.9)	14800 (12.9)	<b>10000</b> (27.5)	14900 (27.5)	<b>10100</b> (35.6)	15000 (35.6)
55													<b>8500</b> (12.3)	12800 (12.3)	<b>8600</b> (26.3)	12900 (26.3)
60															<b>7300</b> (11.8)	11200 (11.8)

NOTES TO OPERATION

1. CAPACITIES BELOW SOLID LINE ARE BASED ON STABILITY AT 75% OF TIPPING.
2. HYDRAULIC LIMITS ARE: 2500 psi @ BOOM EXTENSION CYLINDER, 4500 psi @ 7.25"Ø LIFT CYL AND 2500 psi @ HOIST MOTOR.
3. ATTEMPTS MAY BE MADE TO TELESCOPE BOOM UNDER ALL LOAD CONDITIONS BUT DUE TO LUBRICATION AND OTHER FACTORS IT'S OPERATION MAY BE LIMITED.
4. GROUND CONDITIONS MAY LIMIT CAPACITY AND STABILITY
5. REFER TO CRANE OPERATION MANUAL FOR COMPLETE INFORMATION.

ARVA Model 4000 CRANE on Caterpillar 245 CARRIER  
Standard Track gauge ( = 112")

CHART CONDITIONS

26 Ft. to 60 Ft. MAIN BOOM  
INFORMATION IS FOR ARVA  
MODEL ARA4000 BOOM

MOUNTED ON CARRIER.

CARRIER WITH TRACK GAUGE  
STANDARD AT 112"

ARVA Part No. A162218 Rev A mgs 21 Feb 2000

CHART CAPACITIES FOR  
BOOM ANGLES 0° TO 70°.  
BELOW ZERO DEGREES  
FOR RIGGING ONLY.  
CARRIER TO BE SET LEVEL  
FOR PROPER OPERATION.  
TRACK HAS 36" WIDE PADS.