

AOA7000 Articulating Arm (Heavy Duty)



Knight Global's AOA7000 Articulating Arm is designed to lift, rotate, balance and manipulate product from conveyors, dunnage and assembly lines. Articulating Arms are available in various sizes and lifting configurations that utilize either a Knight Balancer, single or twin cylinder to achieve a greater lifting capacity while reducing the overall mass of the tool. The overhead mount travels on the X and Y axis.

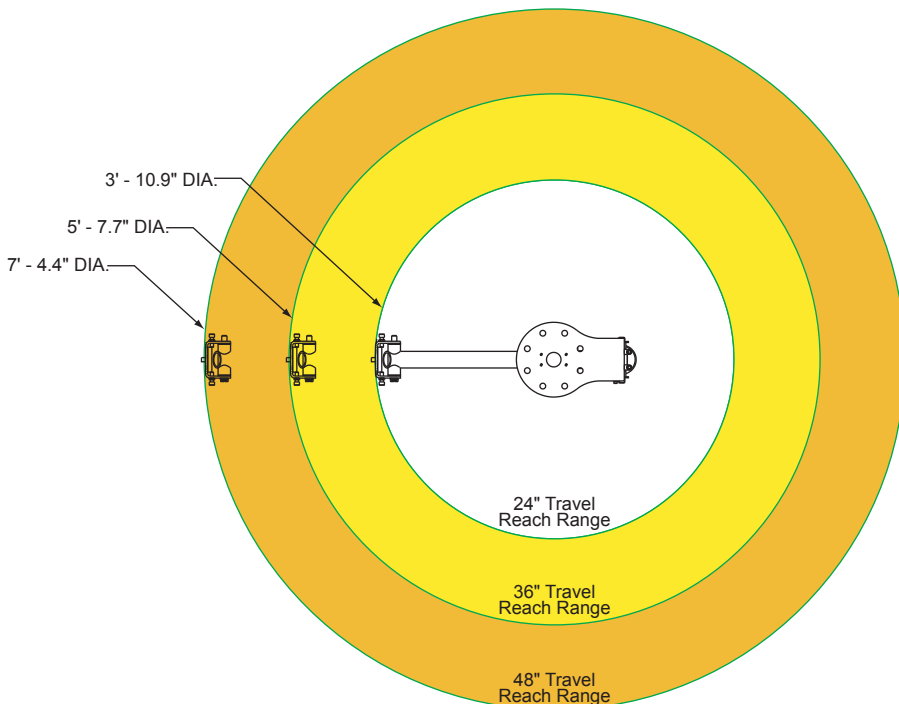
Knight Articulating Arms are available in a pedestal or overhead mounted design.

Arm Capacity reduced by weight of arm extension + fixture + part Arm Capacity based at this point

MAX. LIFTING /BALANCE CAPACITY:
470 lbs. [213kg] @ 100 psi

AOA7000 Features

- Various Control Configurations.
- Elimination of torque reaction exposure.
- Reduces operator fatigue.
- Either swivel or fixed tool.



Arm Lifting Capacity			
Arm Length "A"	60 P.S.I.	80 P.S.I.	100 P.S.I.
24" 609mm	285 lbs. 129kg	375 lbs. 170kg	470 lbs. 213kg
36" 914mm	225 lbs. 102kg	320 lbs. 145kg	375 lbs. 170kg
48" 1219mm	180 lbs. 81kg	255 lbs. 115kg	325 lbs. 147kg

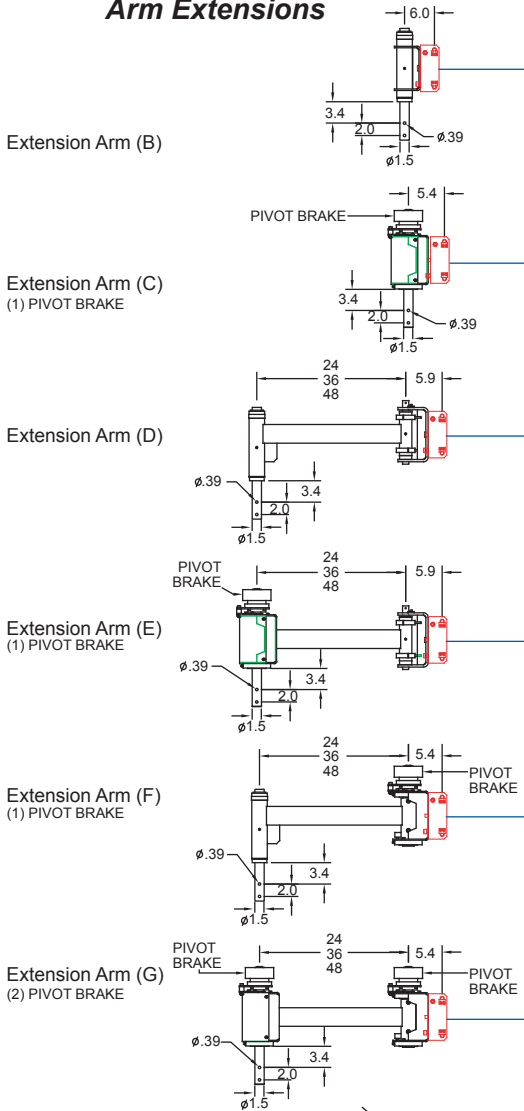
***Arm Capacity varies by reach of Arm
Arm Capacity reduced by weight of arm extension***

For more information, please contact a Knight Global representative.

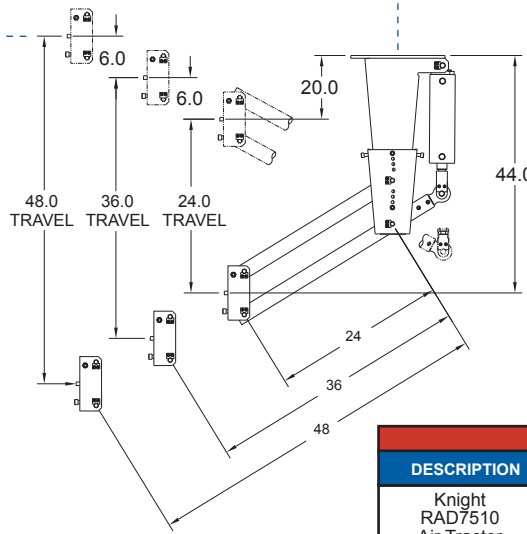
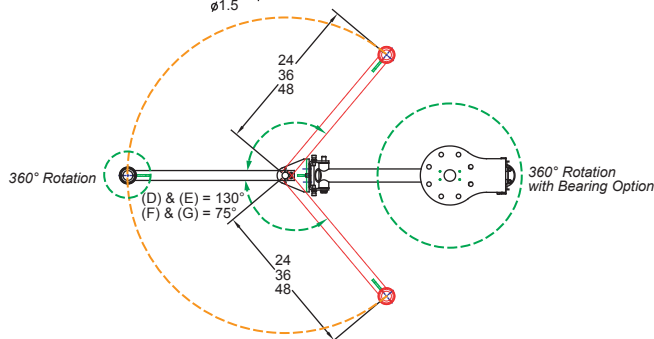
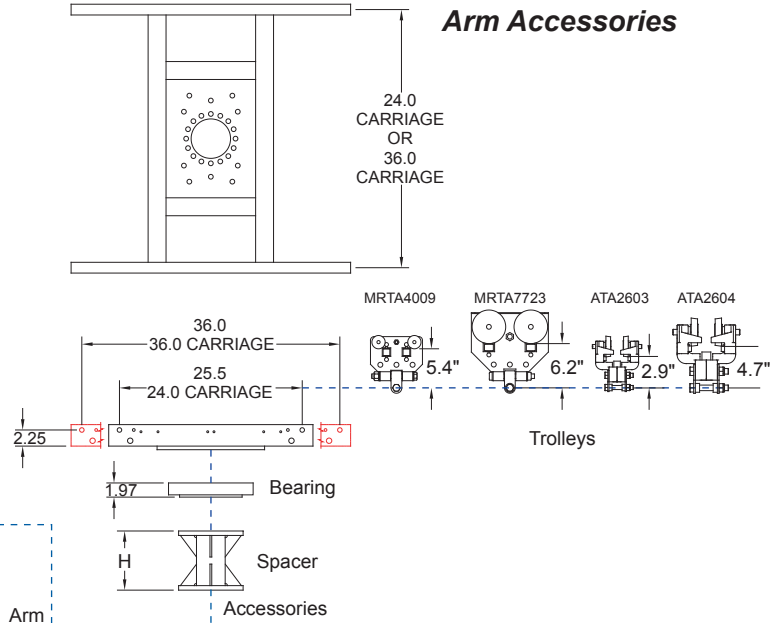


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Arm Extensions



Arm Accessories



Optional		
DESCRIPTION	MODEL #	
Knight RAD7510 Air Tractor	TRA5500	
RAD4110 Air Tractor	TRA5000	
Knight Rail Brake	MRAA4359	

ORDER # EX: 7_24_G48_H99_J_L24

Arm Capacity reduced by weight of arm extension

Weight of Arm Extensions						
Ext. Arm (B)	Ext. Arm (C)	Reach	Ext. Arm (D)	Ext. Arm (E)	Ext. Arm (F)	Ext. Arm (G)
24.3 lbs. 11kg	63.6 lbs. 28kg	24" 609mm	53.0 lbs. 24kg	98.4 lbs. 44kg	90.5 lbs. 41kg	135.8 lbs. 61kg
		36" 914mm	62.2 lbs. 28kg	107.6 lbs. 48kg	99.7 lbs. 45kg	144.6 lbs. 65kg
		48" 1219mm	71.4 lbs. 32kg	116.8 lbs. 52kg	109.0 lbs. 49kg	154.3 lbs. 69kg

Optional [Omit if not required]					
Arm Desc.	Arm Length	Arm Extension	Spacer	Bearing	Carriage
7	XX	XXX	XXX	X	XXX
	24 36 48	B C D24, D36, or D48 E24, E36, or E48 F24, F36, or F48 G24, G36, or G48	Specify Length (Inches) HXX	J = yes K = no	L24 L36
ARM		ARM ACCESSORIES			