

AJ Arm Standard Series							
Model	Reach (A) (feet)	Primary Arm (B) (inches)	Secondary Arm (C) (inches)	Capacity* (lbs)	Weight (lbs)	Deflection (inches)	
						Straight	90°
AJ 1250 - 8	8	56	40	1250	495	0.688	0.438
AJ 1110 - 9	9	63	45	1110	519	0.750	0.500
AJ 1000 - 10	10	70	50	1000	543	0.813	0.563
AJ 910 - 11	11	77	55	910	567	0.875	0.625
AJ 835 - 12	12	84	60	835	591	1.000	0.688
AJ 770 - 13	13	91	65	770	615	1.063	0.750
AJ 715 - 14	14	98	70	715	639	1.125	0.813
AJ 665 - 15	15	105	75	665	663	1.250	0.875
AJ 615 - 16	16	112	80	615	687	1.313	0.938

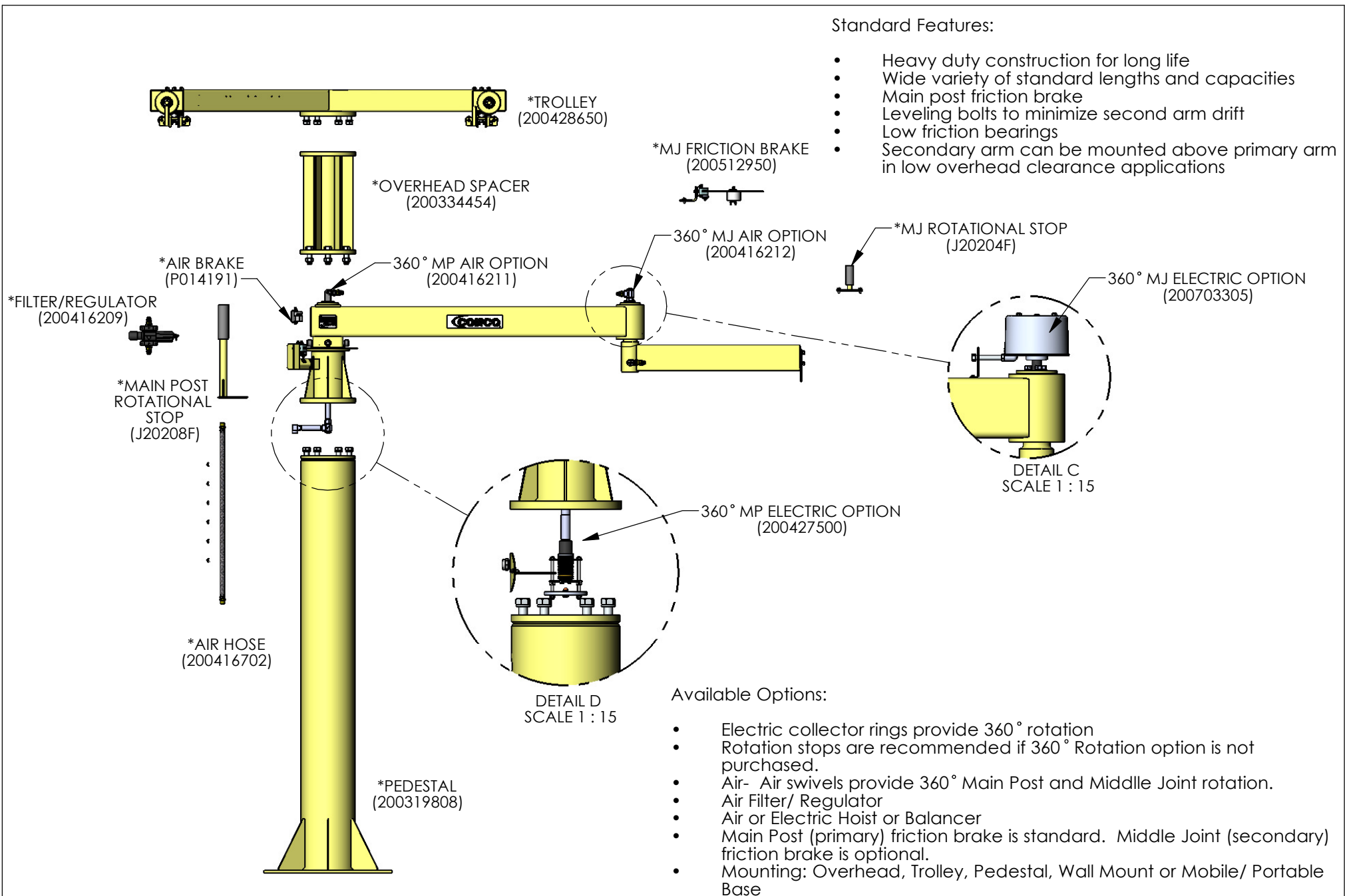
* Includes payload and end-effector
 Electric Option: 460v, 3 phase, 20 amp
 Air Option: 3/4" air lines. SCFM will vary on hoist and/or tooling

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AJ ASSY, STANDARD

SCALE: 1:24	DATE: May-09-2017	DRAWN BY: kps
CLASS CODE: 750	DWG: NO: AJ-STANDARD	SHT: 1 of 2
		REV:



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AJ ASSY, STANDARD			
SCALE: 1:24	DATE: May-09-2017	DRAWN BY: kps	
CLASS CODE: 750	DWG NO: AJ-STANDARD	SHT: 2 of 2	REV:

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PEDESTAL MOUNTING REQUIREMENTS

Foundation Design Requirement for Existing Floor

1. The foundation must have six 1"-8 SAE 2 studs spaced 90 degrees apart on a 27" diameter bolt circle extending 3" above the foundation to mate with and extend through mounting holes in the pedestal base. Stud load approximately 5,300 pounds maximum. Position the pedestal on the foundation with respect to the opening for the air supply to minimize piping.
2. Attach the pedestal to the foundation with six (6) lockwashers and six (6) SAE 2 steel nuts. Shim as required to level kingpin mounting ring located on the pedestal top.
3. Foundation must meet the following criteria.
 - a. 5" minimum thick concrete floor with netting type reinforcement.
 - b. 3000 p.s.i. minimum compressive strength.
 - c. 2500 pounds/square foot minimum soil bearing beneath concrete.
 - d. No cracks, fractures, expansion joints, etc. with minimum floor area indicated. (See "f").
 - e. Pedestal base shall be mounted in center with sides parallel to sides of floor area indicated.
 - f. Minimum floor area which meets all above requirements must be 8.5' x 8.5'.
 - g. Mount anchor studs as indicated above

Equipment	Anchor Bolt Size	Bolt Torque Ft Lb	Bolt Circle Dia.	No. of Anchor Bolts	Total Equipment Weight	Maximum Static Moment
LB1000 Series	1"-8	250	27"	6	3600 Lb	6600 Ft Lb
Standard Art. Jib, AJL300 and AJL665	1"-8	250	27"	6	2650 Lb	12,500 Ft Lb
Heavy Duty Art Jib	1-8	250	27"	6	4000 Lb	21,250 Ft Lb

