

AJH 500 Series

Model	Reach (ft)	Primary Arm (A) (inches)	Secondary Arm (B) (inches)
AJH500 - 8	8.0	56.0	40.0
AJH500 - 9	9.0	63.0	45.0
AJH500 - 10	10.0	70.0	50.0
AJH500 - 11	11.0	77.0	55.0
AJH500 - 12	12.0	84.0	60.0
AJH500 - 13	13.0	91.0	75.0
AJH500 - 14	14.0	98.0	70.0
AJH500 - 15	15.0	105.0	75.0
AJH500 - 16	16.0	112.0	80.0

* Includes payload and end-effector
 -Standard hoist has 10' of lift, actual lift available depends on pedestal height
 -Requires 90 psi and 48 SCFM of clean, dry air to operate at rated capacity Add SCFM consumed by

SHOWN IN SINGLE REEVED CONFIGURATION

*500 LBS MAXIMUM MACHINE CAPACITY

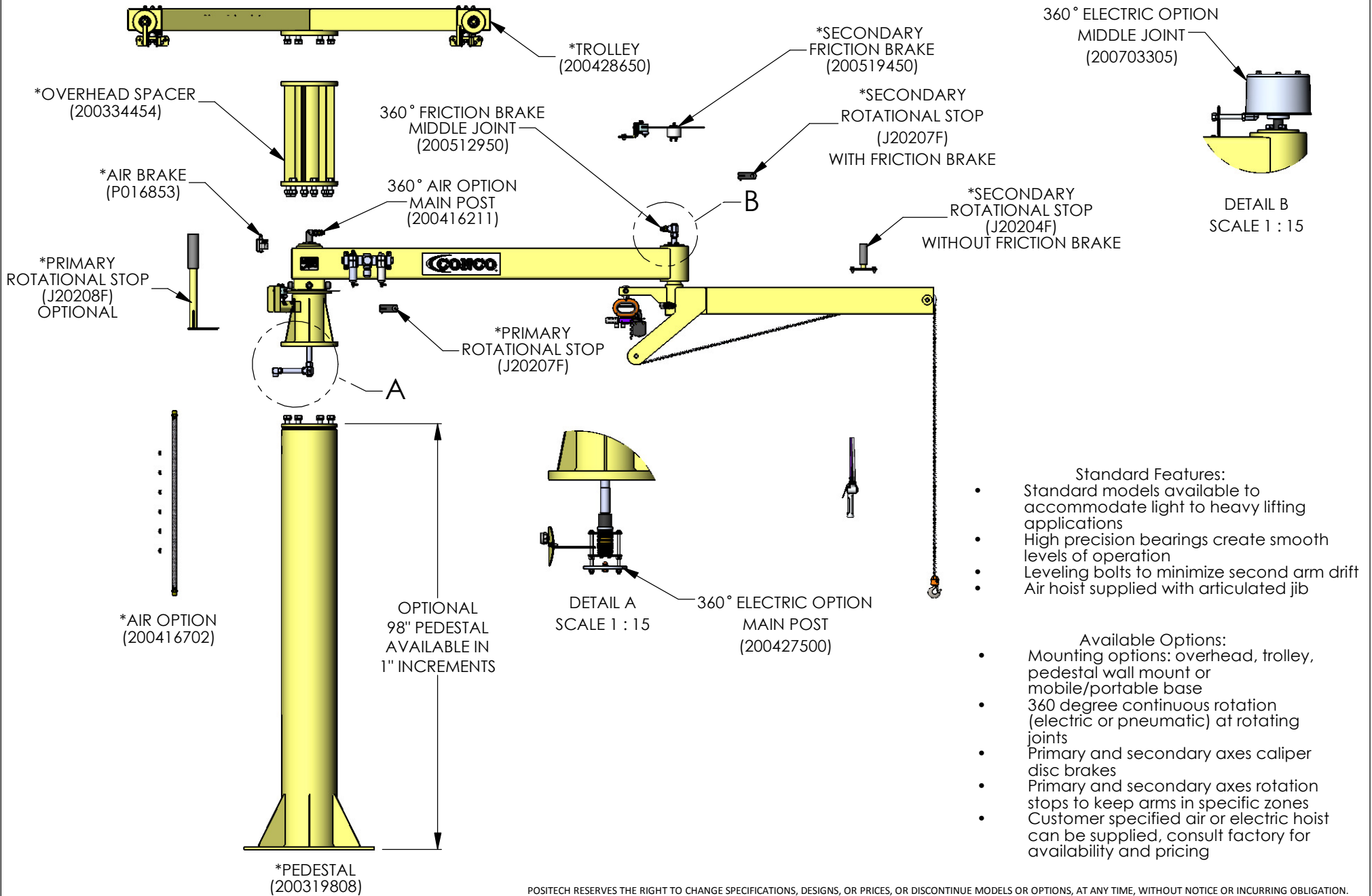
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AJH 500 W/ REAR HOIST

SCALE: 1:20	DATE: Apr-28-2017	DRAWN BY: kps	
CLASS CODE: 750	DWG NO: AJH, STD-500	SHT: 1 of 2	REV:

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- Standard Features:
- Standard models available to accommodate light to heavy lifting applications
 - High precision bearings create smooth levels of operation
 - Leveling bolts to minimize second arm drift
 - Air hoist supplied with articulated jib

- Available Options:
- Mounting options: overhead, trolley, pedestal wall mount or mobile/portable base
 - 360 degree continuous rotation (electric or pneumatic) at rotating joints
 - Primary and secondary axes caliper disc brakes
 - Primary and secondary axes rotation stops to keep arms in specific zones
 - Customer specified air or electric hoist can be supplied, consult factory for availability and pricing

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AJH 500 W/ REAR HOIST

SCALE: 1:30	DATE: Apr-28-2017	DRAWN BY: kps	
CLASS CODE: 750	DWG NO: AJH, STD-500	SHT: 2 of 2	REV:

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1" DIAMETER ANCHOR BOLTS RECOMMENDED

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

