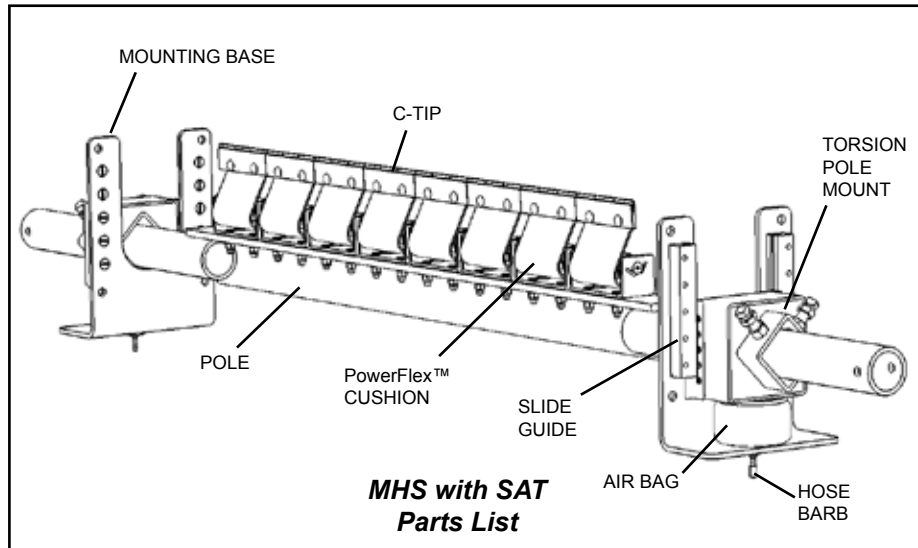


MHS HD SECONDARY CLEANER

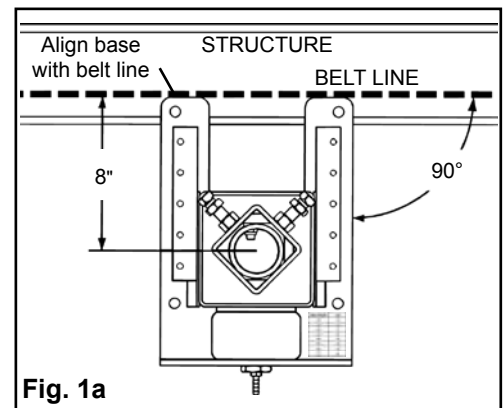
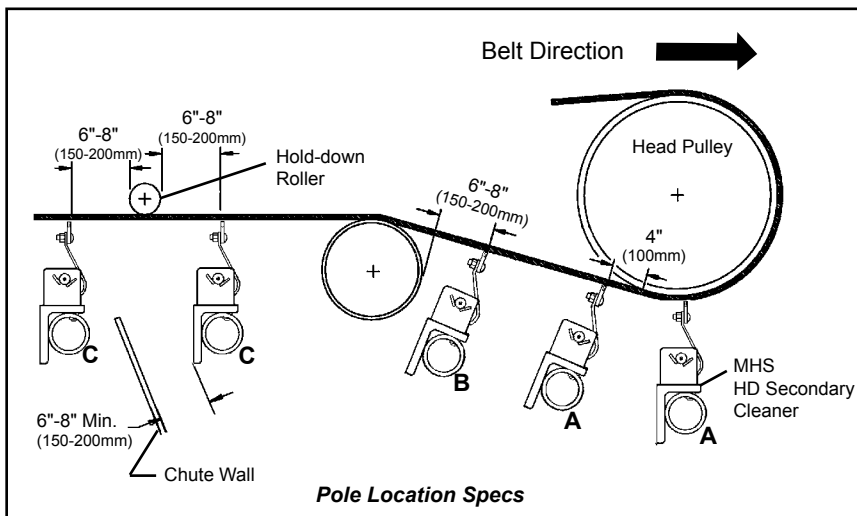
with Secondary Air/Water Tensioner



INSTALLATION INSTRUCTIONS



PHYSICALLY LOCK OUT AND TAG THE CONVEYOR AT THE POWER SOURCE BEFORE YOU BEGIN CLEANER INSTALLATION.



- 1. Install the air/water tensioner mounting bases.** Clamp the mounting base into position so the base is even with the belt (Fig. 1a). Bolt the mounting base in place. Locate and install the mounting base on the opposite side.

NOTE: For chute mounting, a belt location line must be drawn on the chute wall so the mounting base can be aligned with the belt (Fig. 1b). Cut access holes as needed.

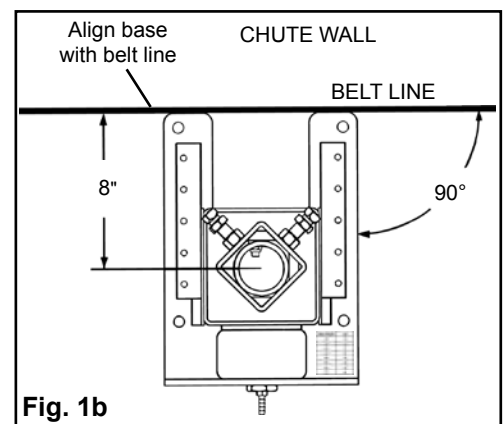
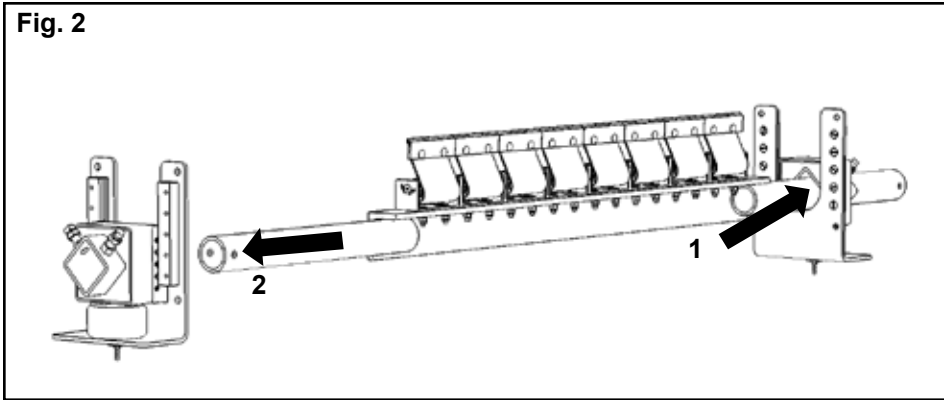
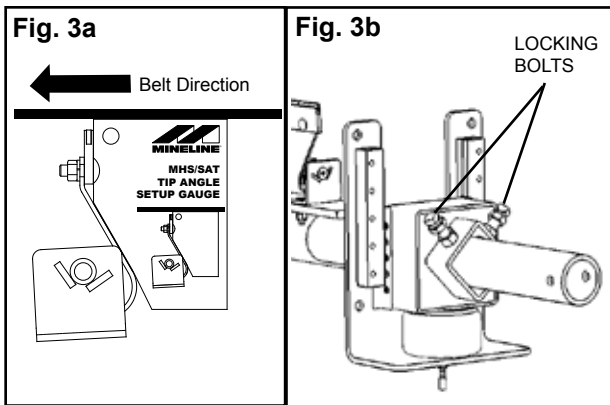


Fig. 2

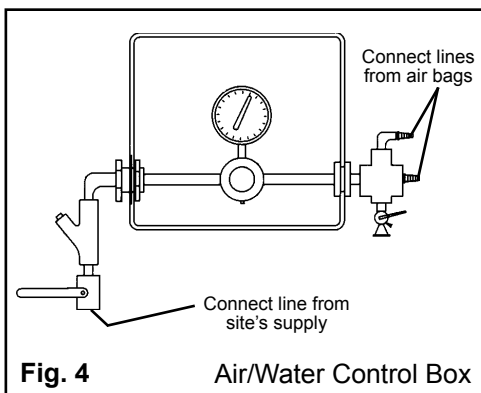


2. Install the pole. Slide the pole into one torsion pole mount as far as needed and locate the other end into the opposite mount (Fig. 2). If there is not enough space, remove one of the mounting bases, slide the pole through the torsion pole mount, and remount the base.



3. Set the blade angle. Center the pole/blades on the belt. Rotate the pole until the tips are perpendicular to the belt, using tip setup gauge provided (Fig. 3a). Tighten the two locking bolts on each torsion pole mount to lock the pole in place (Fig. 3b). There should be no blade-to-belt contact while locking the pole in the correct position. If contact occurs, double check the dimension from Step 1.

4. Connect the supply lines and set tension pressure. With the parts supplied, attach a line to each air bag and run the lines to the outlet side of the control box (Fig. 4). NOTE: Be sure lines are safely away from the belt. Connect the line from the inlet side of the box to the site's supply. Test the connections for leaks and set the pressure per the chart below. Pressure may be reduced to suit application.



Tensioning Chart

BLADE WIDTH	BLADES	PSI
24"	4	19#
30"	5	23#
36"	6	27#
42"	7	31#
48"	8	35#
54"	9	39#
60"	10	43#
72"	12	51#
84"	14	59#

5. Test run the cleaner and inspect the cleaning performance. If vibration occurs, increase tip layback by a small amount (approx. 3 degrees).



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