

SUPPORT ROLLER GUARD MOUNTING

1. Position the roller guards over the rollers. Adjust their position and height so that the guards do not contact the rollers or support ring.
2. Only one spray nozzle is to be used for each support ring. Each support roller guard has a grease spray nozzle bracket. Only one nozzle is to be used for each support ring. The roller guard to be used for the nozzle is at the discretion of installer.
3. Install the grease spray nozzle on the nozzle bracket and adjust the bracket to center the nozzle to the drum support ring.
4. Connect the grease hose and air hose to the spray nozzle. See spray lubrication drawing. Adjust the nozzle so that the grease will spray at the support ring. Refer to drawing 1RF069-09-3 & 4, section 3 Drawings for the spray lubrication system.

AXIAL GUIDE ROLLER GUARD MOUNTING

1. Bolt the guard half with the grease line passage hole to the support roller frame. Connect the grease line to the guide roller bearing housing. Bolt the other half of the guard to the first half and to the support roller frame.
2. Install the grease spray nozzle onto the nozzle bracket
3. Connect the grease hose and air hose to the spray nozzle. Adjust the nozzle so that it will spray on the beveled side of the support ring.

GIRTH GEAR GUARD MOUNTING

1. Install girth gear guard sections III, IV and V. The installation requires the positioning and welding of the clevis's to the drive frames. There are four metal plates to form the clevis's for each drive frame.
2. Install girth gear guard sections II. There are two sections II.
3. Install the two guard support frames and adjust them to fit with the two sections II.
4. Install girth gear guard sections II. There are two guard sections II.
5. Check the clearance of the guard with the girth gear to insure that it is spaced with even clearance on all sides. Adjust as necessary.
6. Install the grease nozzles in their holders.

DRIVE EQUIPMENT GUARD MOUNTING

1. Install the fluid coupling oil pan and top guard.
2. Install the drive pinion shaft coupling guard.
3. Install the pony drive shaft coupling guard. There is a top and bottom to this guard

PROXIMITY SWITCH MOUNTING

1. Mounting the inlet side proximity switches (2) in their brackets on the inlet support roller frame. Adjust the uphill switch to indicate when the drum has moved 3/16" toward inlet end. Adjust the downhill switch to indicate when the drum has moved 3/16" toward discharge end.

2. Install the proximity switch on the pony disengagement coupling guard to indicate when the handle is not in the locked position. The handle must be drill for locking in the disengaged position.

WARNING: Never engage the coupling while the main drive motor is in operation.

3. Install the proximity switches (speed indication) on the pinon shaft coupling guard. There are two switches; one for each drive. The pinion shaft key is the target for the switch.

FINAL GROUTING

1. Once it has been satisfied that all drawing conditions and clearances have been met, the support roller bases, bottom vat and the inlet chute can be final grounded. Remember to place a 1/4" fillet seal weld on the grout hole cover plates on the floor of the bottom vat. A high quality grout with a minimum compressive strength of 4000 psi should be used. Refer to the foundation drawing 1-RF050-04-1 and general arrangement drawing 1-RF050-09-1 for confirmation that conditions have been met.

LUBRICATION SYSTEM MOUNTING

1. Install the spray Lubrication System according to the instructions on the drawings. Refer to drawing 1-RF050-09-2 section 3 drawings.
2. Install the grease lubrication system according to the instructions of the drawing. Refer to drawing 1-RF050-09-3 section 3 drawings.

FLUSH, SEAL ,AND COOLING WATER HOOK-UP

1. Connect a flush water supply to each of the two 1" NPT fittings on the inlet seal drip pan.

2. Connect a flush water supply to the 1" NPT fitting on the inlet end labyrinth of the vat. Also connect flush water to the discharge end labyrinth.
3. Connect cooling water to each of the main speed reducers.
4. Connect seal water to the packing gland of each vat agitator using rotameters supplied by the agitator manufacturer.