Installation Instructions
for Type Over-The-Shaft (OTS™) Rotary Union (6’’)

Follow your company's safety procedures whenever working on Kadant Johnson products. Read all of the instructions before proceeding with the installation or repair.

Please refer to the Kadant Johnson assembly drawing for part identification. Assembly drawings are available on request from Kadant Johnson.

Lubricate all fasteners with anti-seize compound. Tighten all fasteners in a star pattern. Torque specifications are listed on the product assembly drawing and are available from Kadant Johnson.

NOTE: Do not use anti-seize or petroleum-based products on o-rings. Only lubricate the o-rings with the silicone lubricant supplied with the Kadant Johnson repair kit. Prior to handling lubricants, consult MSDS information.

NOTE: Under no circumstances should nipple (2) be removed from body (1) as it may damage the glyde rings during reinstallation.

STEP 1.
Clean the roll journal from the end up to and including the surface where the rotary union will be positioned. This location is where the o-ring seals once the rotary union is installed. Remove any burrs on the journal.

STEP 2.
Coat o-rings (7) and the shaft O.D. where the o-rings will seal with the silicone lubricant supplied by Kadant Johnson. Loosen two set screws (6).

STEP 3.
Install the rotary union onto the journal carefully and straight so as not to damage the o-rings. The rotary union should be installed with the retaining ring (8) positioned away from the roll.

STEP 4.
Align the rotary union so the ports in it are aligned with the ports in the shaft and tighten set screws (6) securing the rotary union to the shaft.

STEP 5.
Connect flexible piping in a relaxed position (not stretched or compressed).

STEP 6.
Install anti-rotation rod into the side of the body (1). Rest anti-rotation on the bracket to keep the body from turning.

Repair kits are available upon request for these rotary unions by contacting Kadant Johnson.

Dimensions are for reference only and subject to change. Certified drawings are available on request. Please refer to Kadant Johnson Drawing Number A37640 for torque specifications.

The Kadant Johnson Warranty
Kadant Johnson products are built to a high standard of quality. Performance is what you desire: that is what we provide. Kadant Johnson products are warranted against defects in materials and workmanship for a period of one year after date of shipment. It is expressly understood and agreed that the limit of Kadant Johnson's liability shall, at Kadant Johnson's sole option, be the repair or resupply of a like quantity of non-defective product.