

Unpack & Inspection

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Inspection should be done upon receipt of the mixer as well as before installation and during maintenance. Be sure to use caution when unpacking and handling the mixer. The mixer drive or shaft should never be lifted from a single point. The mixer shaft should never be used in the process of moving, lifting, or positioning the mixer as this may bend shaft.

Check to make sure that all components were received. Fusion mixers may be shipped in multiple packages. Typically, your shipment should contain:

- Mixer drive
- Mixer Shaft
- Mechanical Shaft Seal (if equipped)
- Mixing Impellers (may be welded to shaft)
- Mount (Clamp Mount, Cup Plate, Fixed Plate, Angle Risers, or Pedestal)

Be sure that all components are accounted for before discarding packaging. Components may be imbedded in packing materials. Your Packing slip can be used to verify that all components were received.

Check to ensure that the equipment has arrived undamaged. Visually inspect all components for obvious damage. Check the mixer shaft to assure that it is straight and free from galling on mating surfaces. Confirm that impellers appear symmetrical and that the blades have only the intended bends.

Inspect the hollow bore in the bearing housing of the mixer drive. It should be free of galling or burs. Inspect any couplings and impeller hubs to make sure they are free of dings and dents on mating faces. If you proceed to install the mixer shaft with these defects, the shaft may bind or vibrate causing further damage to your mixer and may make it unsafe to operate. This may not be covered under warranty.

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