

# SHIMMING BEST PRACTICES



## SAFETY

**Always** handle shims by the safety tab. Try to position safety tab so it does not protrude over baseplate.  
**Never** let your fingers get under the machine feet when it is lifted.



## MATERIAL

Use stainless steel precut slotted shims, or incompressible, chemical resistant, high heat plastic shim stock.  
Do not reuse corroded, bent, or damaged shims.  
If cutting shims from shim stock, ensure all edges are deburred.



## THICKNESS

Use micrometer to confirm thickness of any shims 0.050" or greater.  
Determine existing shim pack thickness with micrometer.



## ADJUSTMENTS

Insert shims until they touch the bolt, then retract them slightly to prevent damage to the shim.  
After inserting shim pack, tighten anchor bolts to the correct torque.



## CLEANING

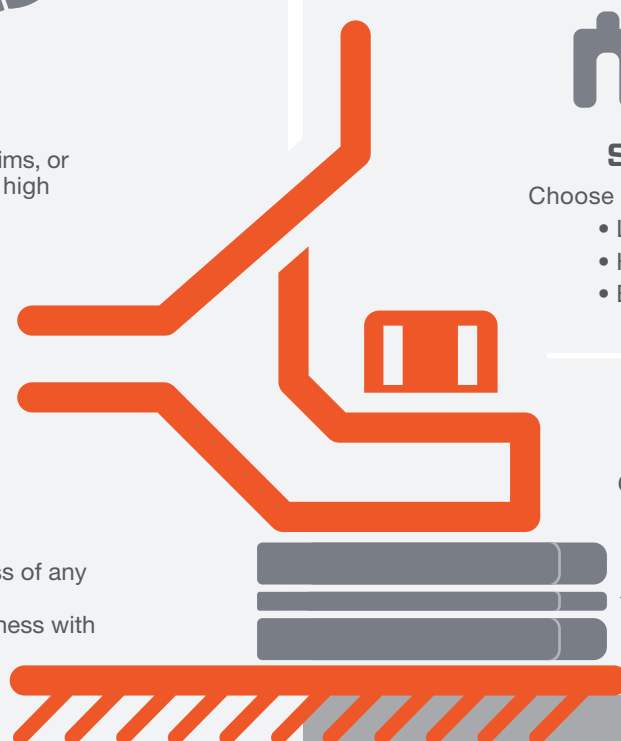
Brush and clean under the machine feet to remove grime, rust and paint.  
Clean dirty shims prior to reinserting under foot.



## SIZING

Choose the correct shim size based on:

- Load zone around the anchor bolt
- Horsepower of the machine
- Bolt slot size



## SHIMPACK

Consolidate to no more than four precut shims under each foot.  
Sandwich thinner shims between thicker ones to protect them.



## STEP SHIMMING ANGLED OR BENT FOOT

*Use only when absolutely necessary.*

Additional shims are placed in stepped offsets above the main shim pack.

**Do not use more than four shims to create the step-shim wedge.**

*Safety note: Trim the excess portion of the step shims that protrude.*