



RECIPROCATING MIXERS FOR HIGH-VISCOSITY



Myers Mixers offers a complete line of reciprocating-motion mixing and dispersing equipment. Specifically designed to facilitate compounding of materials with poor flow properties and which experience inadequate vertical batch circulation, such as:

- high viscosity materials
- shear-thickening materials
- highly-filled or lightweight fillers

Many blade configurations and mixer options are available, such as:

- Single shaft, single post
- Single shaft, dual post (pictured left)
- Dual shaft, single post
- Dual shaft, dual post

In all instances, the maximum vertical reciprocation travel is determined by the free distance between the bottom of the cover and the top of the tallest mixing impeller.

ABOVE: 200 HP dual-post, single-shaft reciprocating mixer for highly viscous applications. This mixer is designed to allow two feet of vertical travel of the mixing blade while operating and maintaining the mixing tank at ground level.

RIGHT: Detail of blade configuration of a dual-shaft reciprocating mixer. The Myers Disperser blade thoroughly disperses powders while the modified heavy-duty bow tie sweep blade with wipers circulates the batch radially, and the reciprocating action facilitates axial batch movement.



Scan QR code to see Myers' reciprocating mixer animation