

## Vertical Blenders



Company's vertical blenders feature a conical vessel and a slow-turning screw that can thoroughly agitate a wide variety of materials including powders, granules, pellets, slurries and pastes. The screw turns on its own axis while being rotated around the vessel by an orbital arm. Batch materials are lifted to the uppermost level of the cone then cascade slowly back down in regions opposite the moving screw. This mechanism is not only advantageous for blending friable ingredients but also for coating solids with a minor liquid component and for vacuum drying of heat-sensitive products. Blenders do not require a bottom support bearing to keep the screw steady so discharge is always virtually 100% complete. This "unsupported screw" design simplifies cleaning and maintenance making the blender ideal for food processing. Blenders are available in many sizes from 1 through 500 cu.ft.

Ross [www.mixers.com](http://www.mixers.com) [1]

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<http://www.foodmanufacturing.com/product-releases/2014/05/vertical-blenders>

**Links:**

[1] <http://www.mixers.com>