

ORBIS

MACHINERY, LLC

TUMBLE BLENDER



Blending in its simplest form is the combining of two or more materials to produce a homogeneous mixture. Normal tumble blending of free flowing materials provides a gentle mixing action. We offer two types of tumble blenders.

Orbis Machinery cone blenders consist of two cones welded to a cylindrical center section that provides a gentle, low shear tumble action of the product. Cone blending also results in a high degree of particle mobility without the use of internal baffles. Cone blenders have proven successful in a wide variety of industries, offering greater overall volume and high efficiency with blend variations of 2% or less. We offer both a 45° and 60° cone version.

V-SHAPE BLENDERS

With the Orbis Machinery V-shape blender the blend is achieved by the constant rolling action of the classic tumble blender.

Each leg of the V-shape shell works independently to efficiently achieve a uniform blend. This precise mixing action results in blend variations of 2% or less. Each cylindrical leg has an access cover for easy material loading and cleaning.

DESIGN OPTIONS

- Operator/Control Panels
- Explosion Proof Motors & Drives
- Brake Motors
- Pneumatic Valves & Interlocks
- Sampling Covers
- ASME Code Stamped Jackets
- Polished Finishes
- Internal Coatings
- Containment Systems
- Indexing Systems
- Load Cells
- Exotic Alloy Contact Parts
- C.I.P. Systems
- Drum Loading Systems
- Vibrators

STANDARD FEATURES

Standard Designs for Material Densities
up to 250 lbs/cf
0.5 to 500 Cubic Foot Working
Capacities
304 or 316 Stainless Steel or Carbon
Steel Construction

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