A-Series (Atmospheric) Vertical Blender Specifications and Dimensions

STANDARD FEATURES:

• 10 through 500 cubic feet capacity
• Stainless steel type 304 wetted parts
• Designed for atmospheric operation
• Hinged cover sections for charging of raw materials
• Flange for discharge valve
• Sandblasted finish on exterior, 80 grit finish on interior surfaces
• All exterior non-stainless surfaces are painted with a white two-part epoxy
• 230/460 volt, 60 Hz, three phase, explosion-proof motors (see options for starters and controls)
• Single speed screw and orbital arm drives
• Unsupported mixing screw
• Start under full load
• Support brackets for through the floor mounting or legs for floor mounting

OPTIONAL FEATURES:

• Wetted parts of carbon steel, stainless steel 316 or special alloys
• Atmospheric or internal pressure construction
• Sanitary type construction
• Cover openings as required
• Split and hinged cones for special applications
• Side access and clean-out ports
• Spherical, Flush Type Ball and Knife gate discharge valves
• TEFC motors and controls
• Controls such as variable frequency drives, motor starters, and operator stations are available
• Spray nozzles for liquid introduction
• Lumpbreakers for solids or agglomerates size reduction
• Dimpled or baffled jackets for heating or cooling
• Thermocouples for temperature readout
• Special gasket materials such as Viton are available
A-Series (Atmospheric) Vertical Blender Specifications and Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Working Cap Cubic Feet</th>
<th>A Upper Cone Diameter</th>
<th>B Cone Height</th>
<th>C Screw Diameter</th>
<th>Screw HP</th>
<th>Swing Arm HP</th>
<th>Screw RPM</th>
<th>Swing Arm RPM</th>
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Optional Slide Gate Valve – ideal for dust-tight, liquid-tight, or vacuum-tight operation.

Optional Ball Valve – For vacuum/pressure blending or liquid/solid blending.

Optional Spherical Valve – pneumatically operated, this valve minimizes dead space and provides a large discharge opening.