



# Unique Mixers & Furnaces Pvt. Ltd.

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## Basic Technical Specifications For Double Cone Blender

<b>Volume</b>	Refer Capacity Table
<b>Container Internal Dimensions</b>	Refer Capacity Table
<b>Container Shape</b>	Central Cylindrical section with top and bottom conical sections.
<b>Material of Construction (Options)</b>	Product Contact, Non Contact Parts : <ul style="list-style-type: none"><li>▪ Carbon Steel Confirming to ASTM A 36 / IS 2062</li><li>▪ ASTM SA 240 Gr. 304/ Gr. 316 / Special Alloy Material</li></ul>
<b>Stand</b>	Material of Construction – Structural Steel / Carbon Steel / Stainless Steel. Suitable to withstand dynamic load of blender.
<b>Surface Finish</b>	<ul style="list-style-type: none"><li>▪ Internal Stainless Steel Surfaces are polished to 120 grit</li><li>▪ External Stainless Steel Surfaces are matt polished / glass bead blasted</li><li>▪ Mild Steel Surfaces: Epoxy Painted / Synthetic Enamel Painted</li></ul>
<b>Mixing Action</b>	Through Tumbling Action of the Container.
<b>Drive</b>	Standard <ul style="list-style-type: none"><li>▪ 3 Phase, Non Flame Proof , Induction Motor, 415 V, 50 Hz</li><li>▪ Gearbox – Worm Reduction / Helical Reduction</li><li>▪ Suitable Couplings</li><li>▪ Electromagnetic / Hydraulic Thruster Brake</li><li>▪ Constant Speed Operation</li></ul> Optional <ul style="list-style-type: none"><li>▪ Geared Motor with inbuilt electromagnetic brake</li><li>▪ Variable Speed Operation using Variable Frequency Drive</li></ul>
<b>Charging</b>	Through Charging Nozzle of adequate size provided on the blender container.
<b>Discharging</b>	Through manually operated butterfly valve.
<b>Electricals</b>	Electrical Control Panel made from Carbon Steel, Powder Coated. Provided with suitable Control Devices, Indicators, Switch Gears, Overload Protection, Safety Interlocks.
<b>Overall Dimension</b>	Refer Capacity Table
<b>Lab Equipment</b>	Available in 5, 10 Liters Working Capacity
<b>Intensifier Bars / Choppers</b>	Optional. For disintegration of agglomerates.
<b>Optional Features</b>	GMP Equipment, Vacuum Operation, Jacketed, etc.

*Note: Specifications are for reference only and are subject to change without prior notice.*