



Unique Mixers & Furnaces Pvt. Ltd.

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Basic Technical Specifications For V-Blender

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

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