



## V Blender Machine

V-blenders are mainly designed for mixing dry powders and granules evenly and consistently. Made with strong materials and a simple structure, they are easy to use, clean, and maintain. V mixers deliver consistent blending results, making them a smart choice for small to large-scale powder processing. They are widely used in pharma, food, chemical, and cosmetics to guarantee product quality.

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# Compact V Type Powder Mixer V-1

The V1 powder mixer is a compact mixing machine that blends different dry powders and granules efficiently. This mixer uses a V-shaped chamber for uniform mixing without dead angles. Its construction reduces the risk of contamination and simplifies cleaning. With a small 1L capacity, it is ideal for lab or small-scale production environments. This mixing machine is particularly suited for testing, formulation, and research tasks.

The V1 powder mixing machine is always used in the pharmaceutical, food, and chemical industries. For

medicine use, it mixes APIs, excipients, or protein powders uniformly to make capsules and tablets. In the food area, it mixes flour, spices, or milk powders for consistent product quality and taste. The machine is also used in the chemical industry to blend different chemical powders for various uses.

## Features

- ✓ **Easy operation.** The control panel is simple, with start/pause buttons and adjustable mixing cycles. Operators can use it with minimal training.
- ✓ **Adjustable speed.** The rotational speed can be adjusted as needed. This allows flexibility for different material types and mixing requirements.
- ✓ **Safety protection.** The machine includes a safety cover that must be closed to operate. This protects users from moving parts.
- ✓ **Lightweight design.** Weighing only 11kg, it is easy to move or reposition, making it ideal for flexible use in different locations.
- ✓ **Low power consumption.** With just 0.15kW power, it saves energy while maintaining performance. This lowers operating costs.



## Technical Parameters

Model	V-1
Capacity	1L
Diameter of Barrel	76mm
Rotating Speed	Adjustable
Power	0.15kW
Machine Weight	11kg
Dimensions	530x240x240mm

# Compact V Type Powder Mixer



The V-20 Mixer is designed to blend dry powders and granules in the pharmaceutical, chemical, and food industries. Its simple structure and compact size make it ideal for small-scale production and laboratory use. The V-20 uses a V-shaped mixing barrel for even distribution of materials.

The machine operates through a motor and a reducer system. They enable gentle but thorough mixing. This design helps protect fragile particles from damage during the mixing process.



## Features

- ✓ **Efficient mixing action.** The V-shaped barrel enables powders to flow freely and mix evenly, eliminating dead corners.
- ✓ **Compact and practical size.** With an 8-liter maximum and 6.4-liter optimal load, the V-20 is ideal for small batches and R&D purposes.
- ✓ **Reliable motor and speed.** Equipped with a 110V, 0.55kW motor and operating at 20 RPM, it delivers stable and consistent performance.
- ✓ **User-friendly operation.** The interface includes clear start, stop, and jog buttons, allowing easy control and positioning of the barrel.
- ✓ **Easy cleaning and maintenance.** The detachable barrel design simplifies cleaning, while regular inspection points support long-term reliability.

## Specifications

Model	V-5	V-10	V-20
<b>Volume</b>	5L	10L	20L
<b>Max. Filling Capacity</b>	2L	4L	8L
<b>Rotational Speed</b>	20r/min		
<b>Dia. Of Barrel</b>	Φ133mm	Φ159mm	Φ220mm
<b>Dia. Of Inlet</b>	Φ76mm		
<b>Dia. Of Outlet</b>	Φ76mm		
<b>Power</b>	0.55kW		
<b>Machine Weight</b>	47kg	69kg	83.5kg
<b>Dimensions</b>	720x360x615mm	850x360x785mm	950x340x830mm

# V Blender Dry Powder Mixer Blending Machine V50-V300



The V series is good at mixing dry powder and granules across the pharmaceutical, food, and chemical industries. Their simple structure and user-friendly design make them ideal for various production scales. From small-batch lab to larger industrial, the series offers dependable and efficient performance with low maintenance needs.

The machines run with a V-shaped mixing barrel driven by a motor and a reducer system. Materials inside are lifted, tumbled, and thoroughly blended without dead angles. This efficient mixing action suits both uniform powders and

blends with minor differences in particle size or density.

Users can easily control mixing time, position the barrel, and load or unload materials without complicated steps. The machines also support fast cleaning and periodic maintenance, reducing downtime and improving workflow. Their compact design makes them suitable for limited-space environments.



## Features

- ✓ **Easy to use.** The V series features a simple structure, making it easy to operate and maintain.
- ✓ **V-shaped mixing barrel.** They ensure even and multi-directional powder blending.
- ✓ **Adjustable mixing speed and time.** Operators can set them flexibly according to the production needs.
- ✓ **Quick discharge.** They support easy unloading with wide outlet valves.
- ✓ **Safe operation.** They are equipped with inching control for safe barrel positioning.
- ✓ **Low noise and vibration.** It leads to smooth performance even during long runs.

## Technical Parameters

Model	V-50	V-50 Pro	V-100	V-200	V-300
Volume	50L		100L	200L	300L
Max. Filling Capacity	20L		40L	80L	120L
Rotational Speed	20r/min	36r/min	15r/min	12r/min	
Power	0.75kW		1.1kW	1.5kW	
Machine Weight	47kg	200kg	190kg	380kg	
Dimensions	350x450x116 0mm	1320x1120x110 0mm	1570x650x150 0mm	2010x850x144 0mm	1950x700x165 0mm

# Large Capacity And Efficient Dry Powder Mixer V500-V3000



The V-series mixers are built for large-batch powder blending. Each model, from V500 to V3000, has a large barrel that supports efficient turnover without material loss. Their wide inlets and outlets streamline both feeding and discharging, making them suitable for high-volume production.

These blending machines are widely used in the pharmaceutical, food, and chemical industries. They can suit a wide variety of dry powder types. Whether you mix fine powders or granular blends, the machines keep the material flowing evenly without sticking or clumping. Their

size range also allows companies to scale up output and you don't need to change equipment models.

## Features

- ✓ **High-volume productivity.** Large barrel volumes and matched motor power keep production moving without delays.
- ✓ **Precision timing control.** The time relay allows users to set accurate blend durations for different material types.
- ✓ **Flexible capacity.** Models range from 500L to 3000L, suitable for different production scales.
- ✓ **Support for heavy materials.** Strong motors and stable frames make these mixers reliable even under high load conditions.
- ✓ **Low maintenance needs.** Cleaning and part checks are straightforward, reducing downtime.
- ✓ **CGMP-compliant materials.** All material-contact surfaces are made of stainless steel for hygiene and safety.



## Technical Parameters

Model	V-500	V-1000	V-1500	V-2000	V-2500	V-3000
Volume	500L	1000L	1500L	2000L	2500L	3000L
Max. Filling Capacity	200L	400L	600L	800L	1000 L	1200L
Rotational Speed	13r/min		10r/min		8r/min	
Power	1.5kW	3kW	4kW	5.5kW	7.5kW	11kW
Dimensions	2,300x910x2,050mm	2,800x1,000x2,280mm	3,000x1,100x3,100mm	3,200x1,200x3,350mm	3,400x1,300x3,550mm	3,600x1,400x3,850mm



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