

SENEER



Bin Blender

CONTENTS

BCV POST BIN BLENDER

IT'S FEATURE	Δ1
IT'S FUNCTION	Δ2
IT'S ADVANTAGE	Δ3
IT'S SPECIFICATION	Δ4

BDV BIN BLENDER

IT'S FEATURE	Δ5
IT'S FUNCTION	Δ6
IT'S ADVANTAGE	Δ7
IT'S SPECIFICATION	Δ8

BDN FIX BIN BLENDER

IT'S FEATURE	Δ9
IT'S FUNCTION	Δ10
IT'S ADVANTAGE	Δ11
IT'S SPECIFICATION	Δ12

BSL LAB BIN BLENDER

IT'S FEATURE	Δ13
IT'S FUNCTION	Δ14
IT'S ADVANTAGE	Δ15
IT'S SPECIFICATION	Δ16

BCV Post Bin Blender

- Feature ■
- Function ■
- Advantage ■
- Specification ■

BCV Post Bin Blender Feature



- ◆ Complete all steps of the mixing process automatically
- ◆ Device is fully automated and the control panel is simple to use
- ◆ To document and print working parameters a printer is provided
- ◆ Post Bin Blender with excellent safety features

Without vibration, the rotation is stable and accurate ◆

Material discharging is simple and quick with drum vacuum, trolley are available ◆

Inner surface roughness is less than $0.4\mu\text{m}$
outside surface roughness is less than $0.8\mu\text{m}$ ◆

Contact product part SS316L or SS304 are available ◆



BCV Post Bin Blender Function

- ◆ The Senieer BCV Series Post Bin Blender is mainly used for mixing granules and powder in solid dosage production.
- ◆ It's an excellent piece of mixing equipment for pharmaceutical plants.
- ◆ It will perform all of the mixing hopper's functions automatically, including clamping, raising, mixing, and lowering.



our superior
BIN PRODUCT

BCV Post Bin Blender Advantage

- ◆ Reduces Blend Times
- ◆ Total Product Containment
- ◆ Eliminate Airborne and Cross-Contamination

our superior

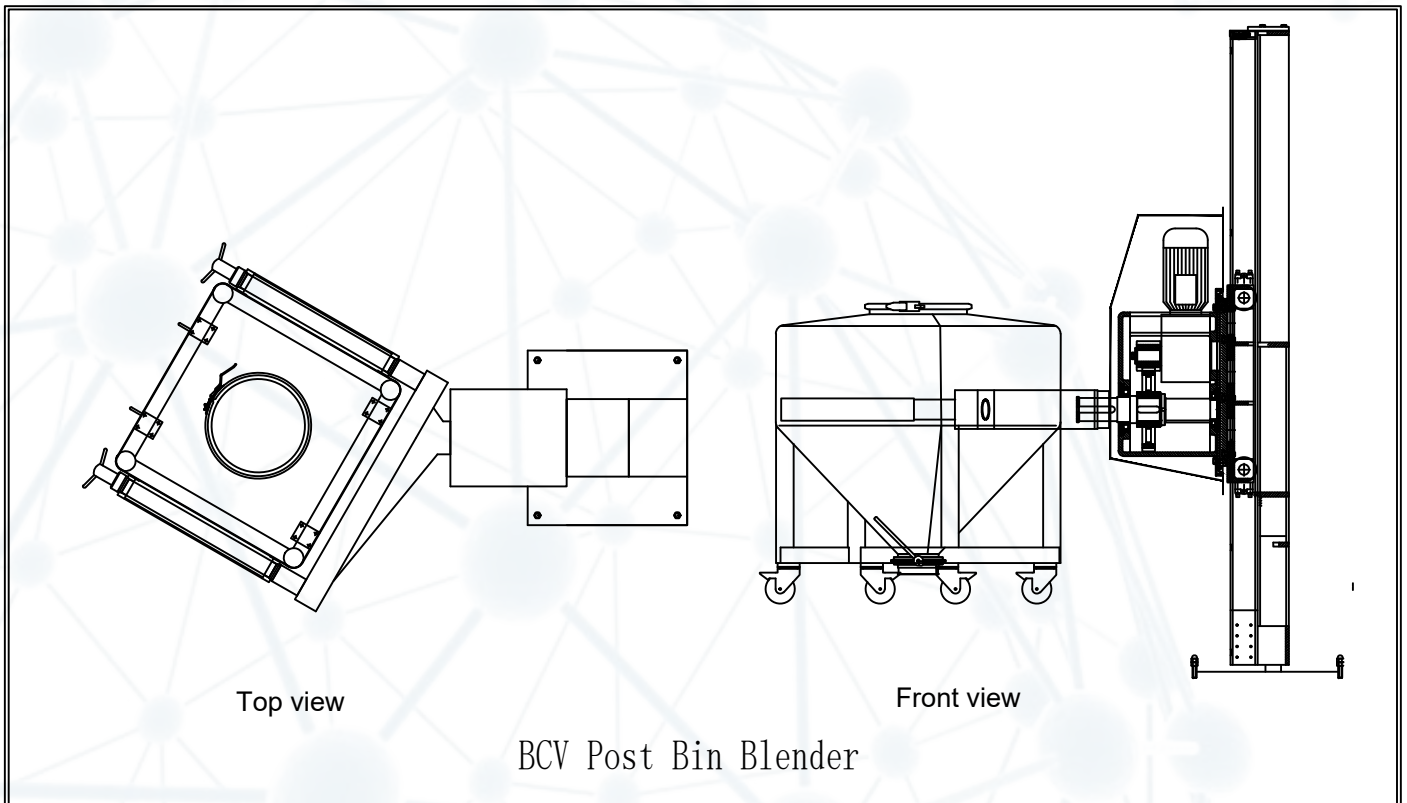
Post Bin Blender PRODUCT



BCV Post Bin Blender Specification

Technical parameters

Model	Main Structural dimension							Mixing Rotation speed (rpm)	Net Load (kg)	Total Power (kw)	Weight (T)
	L	L2	W	H	H1	H2	DN				
BCV-100	2240	1300	1200	800*620	2100	2300	1450	3-20	70	3.7	0.66
BCV-200	2240	1500	1200	800*620	2100	2300	1450	3-20	130	4.4	0.7
BCV-300	2400	1560	1200	800*620	2100	2300	1520	3-20	160	4.4	0.85
BCV-400	2400	1600	1360	800*620	2300	2500	1700	3-20	230	5.2	1
BCV-500	2600	1730	1360	800*620	2300	2500	1930	3-20	270	5.2	1.3
BCV-600	2600	1850	1620	800*620	2600	2800	2250	3-20	330	5.2	1.6
BCV-800	2800	2000	1620	900*800	2800	3000	2250	3-15	450	6.2	1.8
BCV-1000	2800	2000	1620	900*800	2800	3100	2400	3-15	560	6.2	1.9



BDV Bin Blender

- Feature ■
- Function ■
- Advantage ■
- Specification ■

BDV Bin Blender Feature



- ◆ BDV Bin blender equipped with an infrared safety device
- ◆ BDV Bin blender available in a multitude of sizes and configurations
- ◆ Stable efficiency, reasonable structure design
- ◆ A simple process ensures that manufacturing is secure and efficient
- ◆ It has a discharging butterfly valve to prevent mis-operation as well as various safety interlocking mechanisms

IBC blending system ◆
intelligent PLC control, and a graphical HMI

Both the inner and exterior surfaces ◆
are polished to a high standard

Designed hygienically ◆
(utilizes stainless steel for each cover)

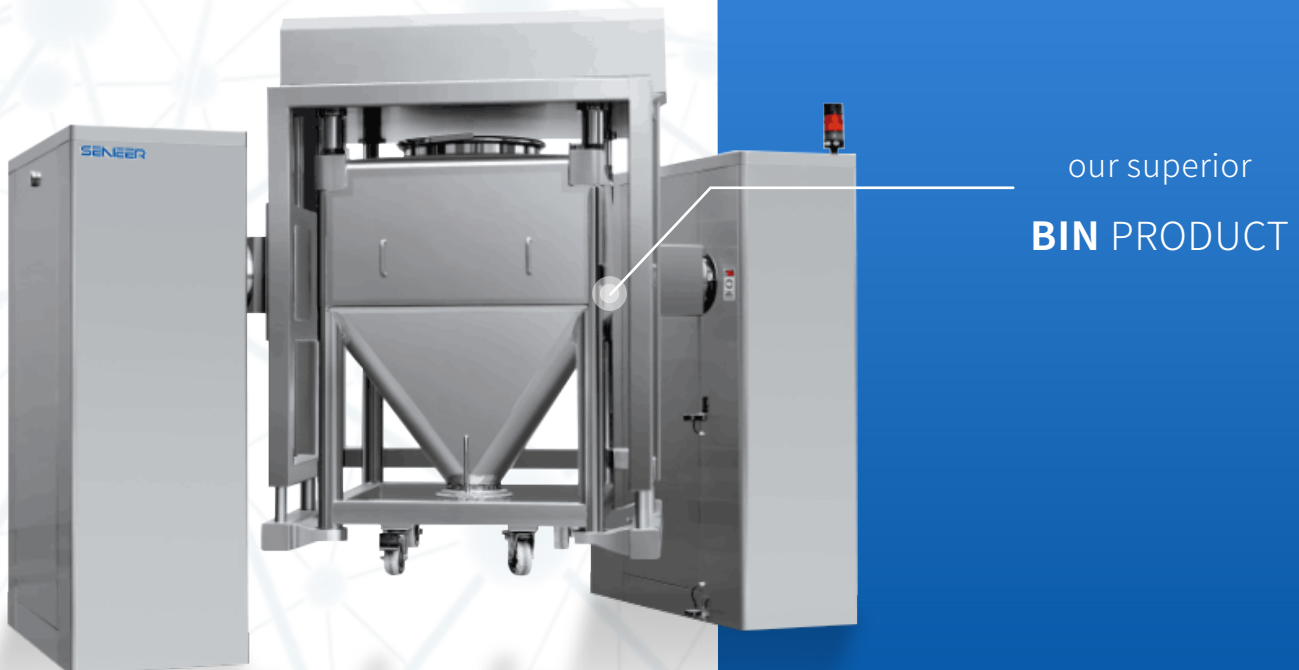
No dead angle, no cross-contamination, and easy to clean ◆

Ideal to the FDA/ cGMP standard ◆



BDV Bin Blender Function

- ◆ The Bin Blender is the most widely used solid powder and granules mixing equipment with advantages such as high homogeneous mixing, high material loading time, and movable pharma bins that make loading, mixing, unloading, and cleaning much easier.
- ◆ Bin Blender bind to upstream and downstream equipment to form a solid granulation line, effectively avoids dust and cross-contamination.
- ◆ Senieer BDV Series IBC Blending is a lifting-type rotary mixer
- ◆ It consists of a base, driving system, lifting system and lowering system, braking system, and PLC control system



BDV Bin Blender Advantage

- ◆ Bins also have the advantage of being able to be charged and released away from the mixer
- ◆ This ensures that the materials would not contaminate the blender
- ◆ Additionally, time is saved when it comes to charging and washing
- ◆ IBC Bin Blenders are also suitable for use in multi-product situations where the system would mix a variety of products in a limited amount of time

our superior

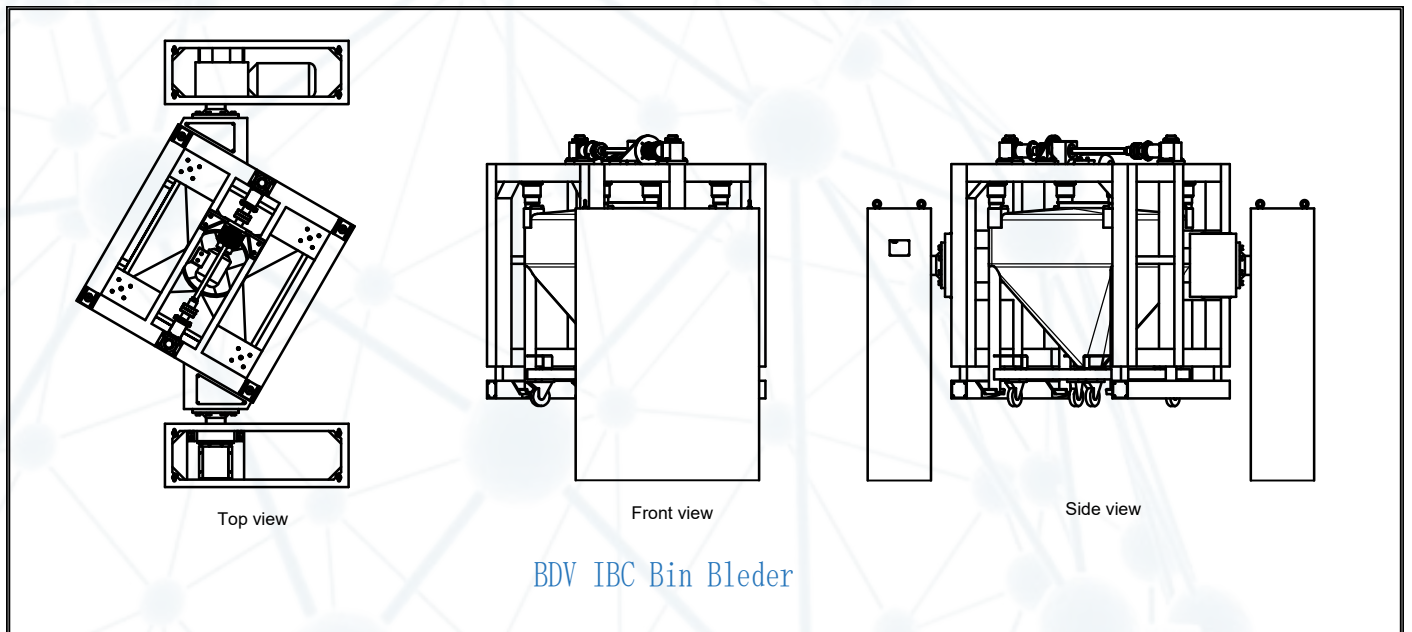
Bin Blender PRODUCT



BDV Bin Blender Specification

Technical parameters

Model	BDV-200	BDV-600	BDV-800	BDV-1000	BDV-1200	BDV-1500	BDV-1800	BDV-2000
Hopper volume(L)	400	600	800	1000	1200	1500	1800	2000
Rated load(kg)	256	384	512	640	768	960	1152	1280
Mixing Rotation speed (rpm)	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15
Installed power(kw)	5.5	7	7	8.5	8.5	10.5	11.5	11.5
Equipment noise(dB)	≤75	≤75	≤75	≤75	≤75	≤75	≤75	≤75



BDN Fix Bin Blender

- Feature ■
- Function ■
- Advantage ■
- Specification ■

BDN Fix Bin Blender Feature



- ◆ With a huge output volume and easy cleaning and maintenance, this machine is excellent
- ◆ The automated control mechanism for the Fixed Bin Blender is based on a PLC and an HMI
- ◆ Structure that is rational, output that is consistent and process that is simple
- ◆ The infrared protection system is mounted on the Holder Type Bin Blender
- ◆ On the surface, there is no dead angle or concave-convex face

Inner surface roughness is less than 0.4m and the butterfly valve is of high-quality polish with a protection feature to prevent incorrect operation. ◆

With adjustable mixing time and rpm the loading coefficient can reach up to 80% ◆

The uniformity of the mixing process will hit 99 percent ◆

It complies with FDA and cGMP guidelines ◆



BDN Fix Bin Blender Function

- ◆ BDN Series Fixed Bin Blenders are widely used in pharmaceutical industry mainly for mixing of granules and powder
- ◆ BDN Series Fixed Bin Blenders widely used in such as raw material industry, chemical industry, foodstuff industry, etc.



our superior
BIN PRODUCT

BDN Fix Bin Blender Advantage

- ◆ It has advantage of stable transmission, reliable structure, large mixing amount homogenous blending for dry granules and powder

our superior

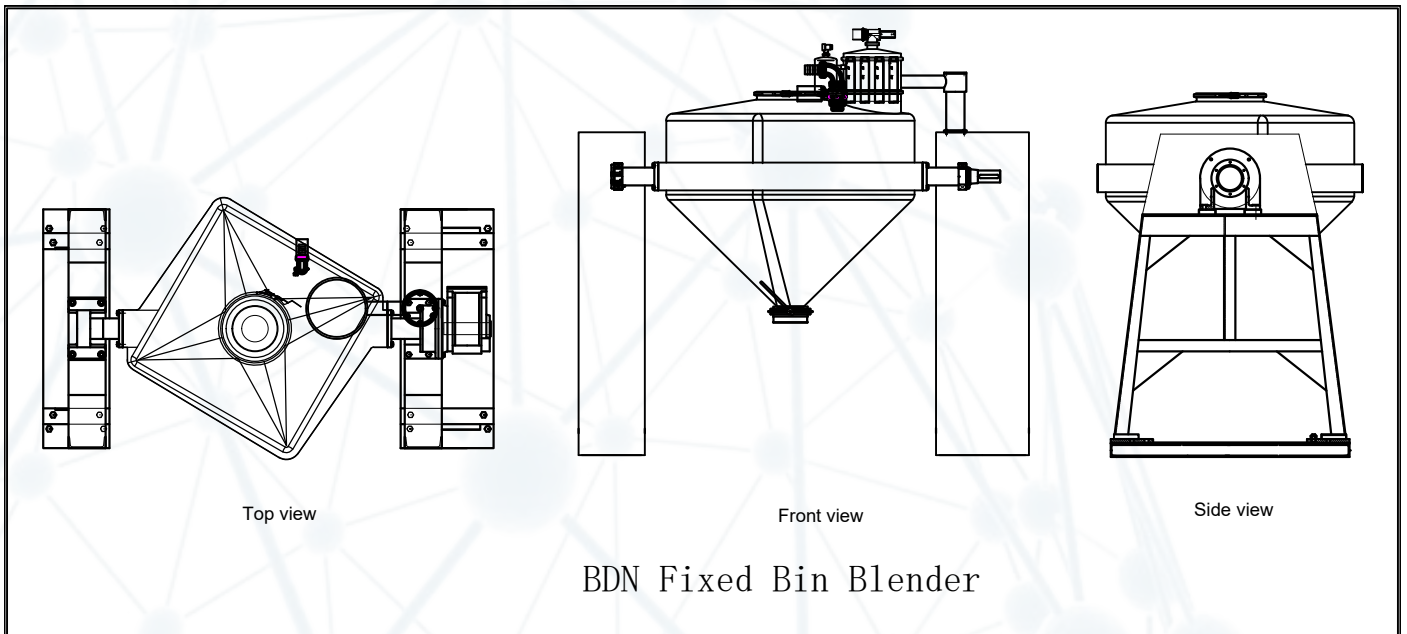
Fix Bin Blender PRODUCT



BDN Fix Bin Blender Specification

Technical parameters

Model	Main Structural dimension									Mixing Rotation speed (rpm)	Net Load (kg)	Total Power (kw)	Weight (T)
	L	W	W1	F	H	H1	H2	H3	T				
BDN-1500	2850	2189	1400	1200	4000	3000	2520	800	2.5	3-15	800	5.5	1.5
BDN-2000	3050	2250	1400	1400	4200	3250	2750	820	3	3-15	1100	5.5	1.9
BDN-3000	3650	2730	1800	1500	4600	3460	2950	800	4	3-15	1650	7.5	2.8
BDN-4000	4300	3250	2000	1600	5500	4250	3600	900	4	2-10	2200	7.5	3.3
BDN-5000	4500	3400	2200	1800	5600	4400	3700	1000	5	2-10	2600	11	4
BDN-6000	5000	3800	2500	2000	5600	4700	3900	1000	5	2-10	3400	11	5.3
BDN-8000	5500	4300	2850	2200	5900	5100	4100	1200	6	1-6	4400	15	6.3
BDN-10000	5700	4500	2850	2300	6000	5500	4400	1200	6	1-6	5500	15	7.5



BSL Lab Bin Blender

- Feature ■
- Function ■
- Advantage ■
- Specification ■

BSL Lab Bin Blender Feature



- ◆ Simple to use, maintain, and clean
- ◆ Small space and low power consumption
- ◆ With a mini printer, it can record and print data

HMI and intelligent PLC management ◆

Pharma bins of various sizes may be swapped out ◆



BSL Lab Bin Blender Function

- ◆ Senieer BSL Series Laboratory Bin Blender is widely used in the solid dosage production in pharmaceutical laboratory, university laboratory, also used in chemical, food, health food industries.
- ◆ The lab bin blenders adopt the most advanced design, featured by reasonable structure, stable performance and simple operation



our superior
BIN PRODUCT

BSL Lab Bin Blender Advantage

- ◆ Senieer laboratory blenders are easy to use for all material blending processes
- ◆ The blending bin can realize fast replacement of bins
- ◆ Different volumes and shapes according to your different varieties of materials process requirements

our superior

Lab Bin Blender PRODUCT



BSL Lab Bin Blender Specification

Technical parameters

Model	BSL-5	BSL-10	BSL-15	BSL-20	BSL-30	BSL-50
Bin volume(L)	5	10	15	20	30	50
Effective volume(L)	1.2-2.4	2.4-4.8	6-12	8-16	12-24	20-40
Feeding volume(kg)	0.6-12	1.2-2.4	3-6	4-8	6-12	10-20
Rotation speed(rpm)	3-18	3-18	3-18	3-18	3-18	3-18
Power(kw)	0.25	0.25	0.25	0.37	0.37	0.55

