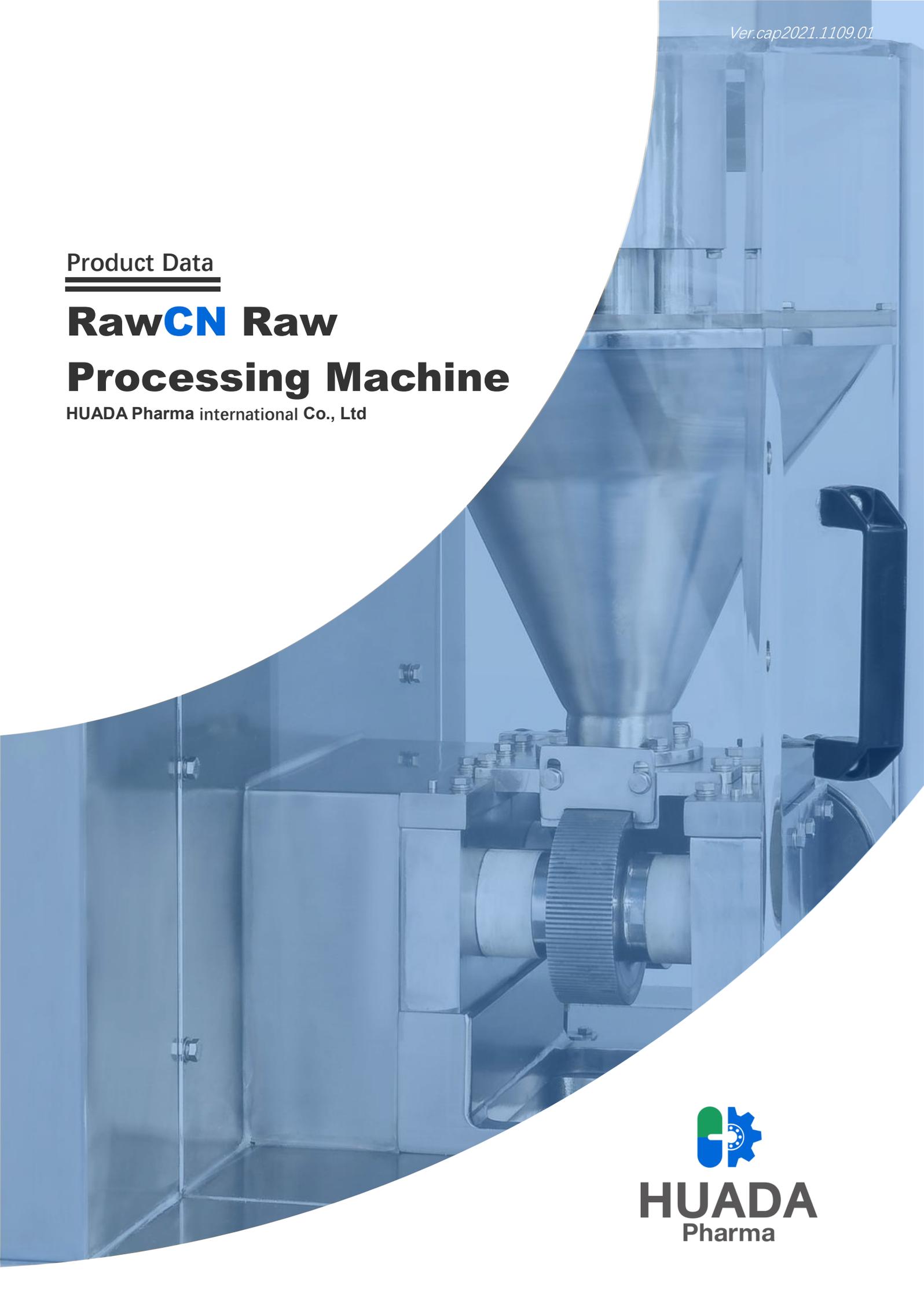


Product Data

**RawCN Raw**

# Processing Machine

HUADA Pharma international Co., Ltd



**HUADA**  
Pharma





## RawCN Raw Processing Machine

Product Data

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# RawCN-Mix V500-4000 Powder Blending Machine

RawCN-Mix V type dry powder mixer blending machine is suitable for use in the pharmaceuticals, chemical and food industries for mixing powder or granular materials. The cylindrical structure is the distinguishing feature and the mixing ability is well-proportioned and efficient with no blind spots in the cylinders and no accumulation of materials.

RawCN-Mix V type dry powder mixer machine is straightforward and it is easy to operate with the surface that is easy to clean in a highly finished stainless steel.

## Features

- Place the machine on a flat and sturdy surface so it will run

smoothly and efficiently.

- Before use, check the gear reducer to ensure there has enough oil.
- Run an empty load. Check carefully to make sure the machine is under good condition.
- The materials should not exceed 40% of the cylinder's limit.
- It is necessary to clean the hopper completely when changing materials or when finishing a run.



## Technical Parameters

Model	Mix V500	Mix V1000	Mix V1500	Mix V2000	Mix V2500	Mix V4000
Volume(L)	500	1000	1500	2000	2500	4000
Max. Filling Capacity(L)	200	400	600	800	1000	1600
Best Filling Capacity(L)	100	200	300	400	500	800
Power(KW)	1.5	3	4	5.5	7.5	11
Rotational Speed(r/min)	12	12	10	10	10	10
Dimensions(mm)	2500x1220x	2975x1600x	3190x1900x	3800x1900x	3990x1990	4945x2200
	2720	3000	3100	3310	x3790	x4230
cGMP	✓	✓	✓	✓	✓	✓
CE	✓	✓	✓	✓	✓	✓
ISO9001	✓	✓	✓	✓	✓	✓

✓: Yes    Ⓞ: Optional

# RawCN-Mix D100-600 Powder Blending Machine



The RawCN-Mix D series mixer is widely used in pharmacy, chemical industry, food industry, scientific research, etc. It is suitable for mixing dry-powder or granular materials with good flowing properties. As the mixing vat is able to make multidirectional motion, it makes raw materials inside the vat has many cross-mixing points, therefore the mixing effect is better. Its degree of uniformity can achieve above 99.9%. The max. loading efficiency can be 0.9 ( The loading efficiency of ordinary mixer is 0.4-0.6). The mixing time is short and efficiency is high. The material are mixed in an enclosed state with no contamination to the working environment and materials.



## Features

- It will be better to install the machine under the guidance of a trained staff.
- The lubricant oil should be changed every three months.

## Technical Parameters

Model	Mix D100	Mix D200	Mix D300	Mix D400	Mix D600
Vat volume(L)	100	200	300	400	600
Max. Filling volume(L)	80	160	240	320	480
Best Filling volume(L)	50	100	150	200	300
Rotational speed(r/min)	0-20	0-16	0-16	0-16	0-12
Power(KW)	1.5	2.2	3	4	5.5
Weight (kg)	500	800	1000	1200	1500
Dimensions(m)	600×1800×150	1400×2000×160	1600×2100×170	1700×2300×180	1850×2500×190
cGMP	✓	✓	✓	✓	✓
CE	✓	✓	✓	✓	✓
ISO9001	✓	✓	✓	✓	✓

✓: Yes    Ⓞ: Optional

# RawCN-Gra D10/100 Dry Granulator Machine



Dry granulators are used for dry granulation process. The dry granulation process is used to form granules without using a liquid solution because the product to be granulated may be sensitive to moisture and heat. Forming granules without moisture requires compacting and densifying the powders. In this process, the primary powder particles are aggregated under high pressure.

The roller compactor (granulator-compactor) uses an auger-feed system that will consistently deliver powder uniformly between two pressure rollers. The powders are compacted into a ribbon or small pellets between these rollers and milled through a low-shear mill. When the product is compacted properly, then it can be passed through a mill and final blend before tablet compression.

## Features

- Dry granulators eliminate the addition of moisture and heat.
- The roller compactor is suitable for hard continuous operation as well as batch production.
- Low running cost/low operating cost and highly efficient process.
- It requires minimal floor space.



## Technical Parameters

Model	Gra D10	Gra D100
Capacity (kg/h)	1-10	50-100
Granularity (mm)	0.2-2	0.2-2
Roller Size (mm)	φ100*35	φ180*60
Maximal Pressure Force (Bar)	120	120
Screw Feeder Rotating Speed (Rpm)	10-60	20-120
Maximal Granulating Rotating Speed (Rpm)	200	200
Maximal Roller Speed (Rpm)	10	16
Power (KW)	3	8
Weight (KG)	350	1500
Dimensions L*W*H (mm)	760 x 800 x 1650	1500 x 1100 x 1980
cGMP	✓	✓
CE	✓	✓
ISO9001	✓	✓

✓: Yes    Ⓞ: Optional



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