



Wet Granulator Machine

The wet granulator machine plays a key role in pharmaceutical and nutraceutical production. It converts powders into uniform and compressible granules with a liquid binder. Granules feature consistent size and density, ideal for tablet compression or capsule filling. When materials are difficult to process, like poor flow or compressibility, this method is useful to improve these features for smooth processing. These machines also deliver batch-to-batch consistency and support GMP-compliant production.

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Vibrating Granulator CYK Series



The CYK granulator series is designed specifically for wet granulation. It turns moist powder blends into consistent and free-flowing granules. This prepares materials for tablet compression or capsule filling. This granulator machine produces high-quality granules with minimal fines.

These wet granulators operate with a unique reciprocating roller system that rotates in both directions. It prevents blockages and improves efficiency. The user can easily change the screen mesh to control granule size, while transparent side windows offer a clear view of the granulation process. Granules are discharged smoothly from a front outlet into a collection tray. Designed for convenience and productivity, the CYK series supports flexible material processing in both small-scale and larger production settings.



Features

- ✓ **Consistent granule output.** The machines produce even, rounded granules with low powder residue—ideal for tablet pressing and capsule filling.
- ✓ **Flexible mesh options.** Interchangeable mesh screens allow for quick adjustment of granule size to meet different product requirements.
- ✓ **Smooth roller operation.** The granulating roller rotates alternately forward and backward to reduce clogging and ensure continuous output.
- ✓ **Clear view and easy collection.** Transparent side windows on the hopper allow easy monitoring, and granules are discharged from the front outlet for quick collection.
- ✓ **GMP-compliant design.** All contact parts are made of stainless steel to ensure durability, cleanliness, and compliance with pharmaceutical manufacturing standards.

Technical Parameters

Model	CYK-60W	CYK-90W	CYK-160W
Production Capacity	Wet (12 mesh): 20 kg/h	Wet (12 mesh): 30 kg/h	Wet (12 mesh): 300 kg/h
Diameter of Roller	60 mm	90 mm	160 mm
Effective Length of Roller	184 mm	270 mm	360 mm
Roller Speed	46 r/min		
Hopper Inlet	210×210 mm	300×270 mm	410×380 mm
Power	0.55 kW (220V)	1.1 kW(220V)	5.5 kW(380V)
Weight	70 kg	150 kg	260 kg
Dimension	330x550x570 mm	750x460x840 mm	970x750x1,240 mm

Wet Mixing Granulator CHL Series



The CHL series wet mixer granulators are designed for rapid mixing and granulation in pharmaceutical, food, and chemical industries. Each model combines dual-speed mixing and cutting functions to produce uniform granules. With working volumes ranging from 15L to 210L, this series meets the needs of both small and large-scale production. It takes only 7-10 minutes to complete each batch of granulation and uses less adhesive. It shortens the drying time. From CHL-50w to CHL-300w, this series offers consistent granule quality through a fully enclosed process. Whether handling vitamins, antibiotics, food additives, or industrial chemicals, the machines produce spherical, dense granules with good flowability. The

structure ensures operator safety with interlocked motors and automatic shut-off features. With models up to 300L in volume and powerful motors up to 16 kW, the CHL-W series meets growing demands for high-speed and large-batch wet granulation.



Features

- ✓ **High cutting speed.** It is up to 3000 r/min for fine granule formation.
- ✓ **Easy cleaning.** It integrates a water inlet and automatic rotation to support in-barrel washing.
- ✓ **Safe design.** Interlocks prevent operation when the cover is open or the discharge valve is not in place.
- ✓ **Compact and stable.** The machine features a durable structure with optimized weight and working area for production lines.
- ✓ **Material compatibility.** It is suitable for various adhesives and powder types applied in multiple industries.

Technical Parameters

Model	CHL-50W	CHL-100W	CHL-200W	CHL-250W	CHL-300W
Working Volume	15-35 L	30-70 L	60-140 L	80-175 L	90-210 L
Total Volume	50 L	100 L	200 L	250	300 L
Granulation Time	7-10 m/batch				
Mixing Power	4/4.5 kW	6.5/8 kW	9/11 kW	11/15 kW	13/16 kW
Cutting Rate	1.3/1.8 kW	2.4/3 kW	4.5/5.5 kW	4.5/5.5 kW	4.5/5.5 kW
Mixing Speed	200/400 r/min	240/360 r/min	180/270 r/min	180/270 r/min	180/270 r/min
Cutting Speed	1500-3000 r/min				
Weight	450 kg	900 kg	1300 kg	1350 kg	1800 kg



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