

## *GHL-Series Wet Mixing and Granulator*



Wet Mixing and Granulator is widely used in pharmaceutical, food, chemical and other fields.

### **Features**

1. It is the structure of horizontal cylinder (cone).
2. Full sealed driving shaft, to use water when cleaning.
3. Fluidization granulation, the finished granules are similar to roundness with good liquidity.
4. Compared with traditional process, it can reduce 25% binder and the dry time can be shortened.
5. Each batch of materials will be dry-mixed for 2 minutes and be granulated for 1-4 minutes. Compared with traditional process, it has improved by 4-5 times.
6. All the processes of dry-mixing & wet-mixing & granulating are finished in a closed vessel. So that it has reduced the process and also compiles with GMP standard.
7. Whole operation has the strict safety precautions.

## Technical Parameter

Model	GHL-10	GHL-200	GHL-300
Volume	10L	200L	300L
Working capacity	2-6L	60-150L	
Output	1-3kgs/batch	30-75kgs/batch	30-120kgs/batch
Operating time	Mixing:2min Granulation:7-14min/batch	Mixing:2min Granulation:7-14min/batch	Mixing:2min Granulation:7-14min/batch
Size of the finished granule	Φ0.14- Φ1.5mm(12mesh-100mesh)	Φ0.14- Φ1.5mm(12mesh-100mesh)	Φ0.14- Φ1.5mm(12mesh-100mesh)
Mixing Speed	50-500rpm	30-260rpm	30-220rpm
Mixing power	2.2kw	15kw	18.5kw
Granulation Speed	50-3000rpm	50-3000rpm	50-3000rpm
Granulation power	0.75kw	4kw	5.5kw
Air compressor	0.2m <sup>3</sup> (prepared by buyer)	0.5m <sup>3</sup> 0.7Mpa (prepared by buyer)	0.5m <sup>3</sup> 0.7Mpa (prepared by buyer)
Inlet of cooling water and compressed air	Φ10mm	Φ10mm	Φ10mm
Dimension	1280×530×1320mm	2180×810×1950mm	2420×1060×2150mm
Weight	330kg	1350kg	1600kg