

SPEC SHEET

Roller Compactor

GZL-150H Series

INTRODUCTION

This model is mainly used for dry granulation in the pharmaceutical, nutraceutical, and related industries. It is especially suitable for processing moisture-sensitive, heat-sensitive, and highly active materials. It helps improve material flowability and compressibility, providing consistent granules for subsequent tablet compression and capsule filling.

KEYWORDS Roller Compactor | **Gmp Granulation Equipment** | Compaction And Milling
| **Medium Capacity Granulator**



ATTRIBUTES

- The machine adopts a vertical and horizontal two-stage screw feeding system. The unique cantilever design improves material adaptability as well as granulation success rate and yield.
- It is equipped with a touchscreen interface and multiple automatic control technologies, enhancing operational flexibility and safety. The machine is constructed from high-quality stainless steel, with the drive section separated from the working area. This enables a clean and enclosed process from powder to granules, effectively preventing dust generation and cross-contamination. All product contact parts are easy to disassemble and clean.
- The machine is fully compliant with GMP requirements for pharmaceutical production.
- The rollers are water-cooled, and the inlet and outlet are of an integrated internal design. This ensures that the material does not heat up during the compaction process, preserving its properties.

TECHNICAL PARAMETERS

Model	GZL-150H
Production capacity	50~200kg/h
Partical size	8~80
Pressing roller size	Φ160 x 54mm
Maximum system pressure	25MPa
Maximum roller pressure	10t
Input power	7.95kW
Dimensions (L x W x H)	1150x 1330x 1750mm
Weight	1500kg

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