

Improve your productivity with the CONTINUOUS process

SPIRAL PIN MIXER

Automatic system realized by shifting batch to continuous

Can be used in battery material applications

- Continuous and solid kneading
- Continuous mixing of precursors, cathode and anode materials
- Forming paste for coater
- Continuous dissolution of separator materials
- Continuous surface treatment of powder raw materials



Continuous mixer capable of in-line processing.
The unique retention zone ensures that high-viscosity materials are uniformly processed without short pass

Features

- Processing powders to viscous materials in one machine
- Continuous and solid kneading
- In-line processing highly viscous materials up to several 10,000 CP
- Self-cleaning possible by running with cleaning agent

Specifications

- Top lid and scraper caps to prevent blockage of the feed inlet
- Rotor pins number can be changed depending on application
- Contamination free with ceramic thermal spray coating on rotor and casing
- Heating and cooling process with jacket and piping in rotor (patent pending)
- Automatic open/close product outlet (optional)

Contamination Control



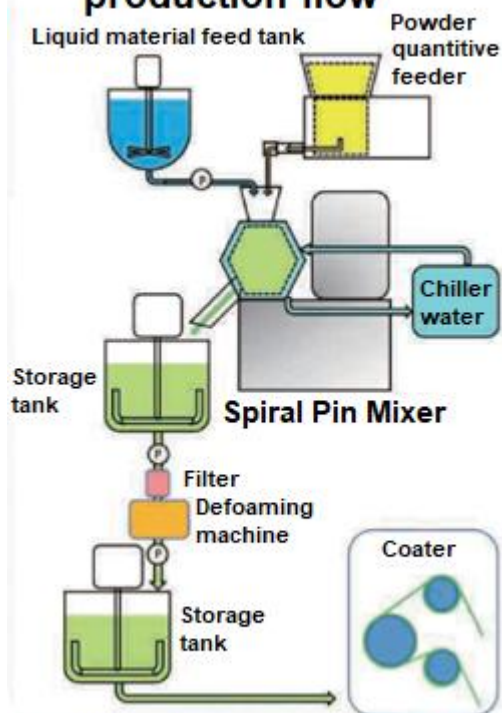
Alumina thermal spray coating on rotor and casing inner wall

SPM Model

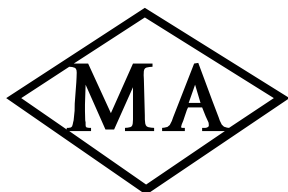
Model	Capacity(L/h)	Power (kW)
SPM-15D.	10	3.7
SPM-40D.	120	22
SPM-85D.	120	110

Capacity and power depend on the raw material and must be verified by testing equipment.
Models not listed will be considered on request.

Continuous slurry production flow



※Total solution unit can also be offered



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