SUPER JET MILL / SJ

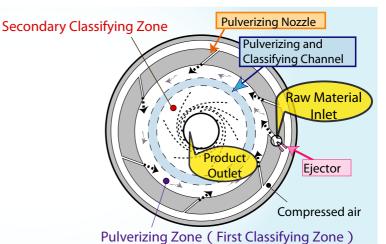


(General Description)

Super Jet Mill is the jet mill with incredible classifying mechanism. Unique and innovative, SJ is capable of pulverizing materials to under a few microns and keep a sharp particle size distribution spontaneously. By preventing the coarse powder mixing with other particle, it enables to attain fine particle far more than conventional mill can. This is suitable for pulverizing materials such as color toner which requires narrow particle size distribution as well as fine particle size.

(Mechanism)

<u>%</u> 20 Raw Material will be sucked reduency [Raw Material and dispersed by Ejector. (Pulverizing Zone) Pulverize with collision and Pulverizing friction force. Classifying Coarse Powde mechanism makes coarse particle Other Process Examples Classifying stays longer inside. Pulverizing and Ease the irregular air flow and particle movement. Classifying Channel Stabilize the spiral air flow. (Secondary Classifying Zone) High precision classifying for fine Classifying particles. Coarse particles will be back to pulverizing zone. Powder A sharp particle size distribution with Product almost no coarse particles.



(Features accumulation)

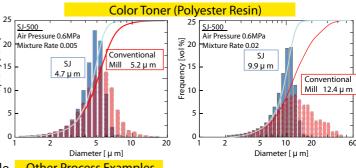
Distinctive internal structure has two phase classifying system.

Prevent coarse powder to mix, achieves sharp particle size distribution.

Less dead space for internal structure, fewer the powder accumulation and adhesion.

Easy maintenance and cleaning. Made out of all stainless steel.

(Process Examples)



Toner(Styrene-Acryl) $5 \mu m$ 1 mm Green Tea 3 mm $3 \mu m$ Lactose : 23 µ m $3 \mu m$ Amino Acid 1 mm $2 \mu m$ Silk 3 mm $4 \mu m$ Crystallized Cellulose: 60 µ m 10 µ m

[Specifications]			
Туре	Air Volume [m³/min]	Dimensions D[mm] × H[mm]	Weight [kg]
SJ-100	~ 0.2	160 × 140	5
SJ-500	~ 0.8	320 × 180	27
SJ-2500	~ 3.0	500 x 180	65
SJ-10K	~ 12.6	700 x 350	180

Technical center

3-5-77 Tsurugaoka, Fujimino-shi, 356-0045 Japan Phone: 81-49-264-3148 Fax: 81-49-269-6850