

Classification machines

Turbo Screener

Turbo Screener is a high performance classification machine with flexible screen made of plastic. Inside the cylindrical screen powder is dispersed in Radial direction by rotating blades and the inner surface of screen is hit by powder mass. Thus powder is forcibly passed through the screen, At the same time screen gets pulsation caused by the hitting shock with powder.



Features

1. Possible to classify powder with very fine screen opening size

As screen pulsation prevents screen from clogging, difficult powder can be classified.

2. Agglomerates are disintegrated by rotating blades

Soft lumps of agglomeration can be disintegrated by rotating blades during classification process.

3. Easy dismantling and cleaning

Turbo screener is designed to meet GMP specifications, and it can be dismantled and cleaned with ease in a very short time.

4. High throughput despite its compact size

As the throughput per unit screen area of Turbo Screener is very high comparing to conventional vibration screen, high capacity can be obtained even with a small machine.

STANDARD SPECIFICATIONS

TYPE	TS100×125	TS125×200	TS250×200
Screen size (φ×Lmm)	φ100×125L	φ125×200L	φ250×200L
Effective screen area(cm ²)	392	785	1,570
Motor(kw)	0.2	0.75	0.75
Rotor speed(r/min)	350~2,000	300~1,800	150~1,000
Approx. weight (kg)	45	70	180
TYPE	TS350×200	TS350×300	TS500×400
Screen size (φ×Lmm)	φ350×200L	φ350×300L	φ500×400L
Effective screen area (cm ²)	2,198	3,298	6,283
Motor(kw)	2.2	2.2	3.7
Rotor speed(r/min)	120~800	120~800	100~550
Approx. weight(kg)	280	350	450

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