Screening

Trommel, vibrating and disc screens for grading and de-dusting. Sized on screen area and moisture, not on tonnage alone.

8 models in this series. Capacities are indicative and depend on material bulk density, moisture, feed size and target output; a written capacity guarantee is issued against a material sample.

Sealed trommel screen SST-TS series

Dust-tight size separation for municipal and construction waste.

MODEL	DRUM (DIA. X LENGTH)	POWER (KW)	CAPACITY (T/H)	APERTURE
SST-TS1200	1,200 x 4,000	11 - 15	20 - 40	10 - 80 mm
SST-TS1600	1,600 x 5,000	18.5 - 22	40 - 80	10 - 100 mm
SST-TS2000	2,000 x 6,000	30 - 37	80 - 150	20 - 150 mm
SST-TS2400	2,400 x 7,000	45 - 75	150 - 300	20 - 300 mm

Throughput depends on bulk density and moisture; send a sample for a sizing check.

Shaftless trommel screen SST-ST series

No centre shaft, so nothing wraps around it.

MODEL	DRUM (DIA. X LENGTH)	POWER (KW)	CAPACITY (T/H)	APERTURE
SST-ST1400	1,400 x 5,000	15 - 18.5	30 - 60	20 - 120 mm
SST-ST1800	1,800 x 6,000	22 - 30	60 - 120	20 - 150 mm
SST-ST2200	2,200 x 7,000	37 - 55	120 - 200	20 - 200 mm

Best choice when the feed contains film, rope or textile that would wrap a shafted drum.

Roller screen SST-RS series

Disc rollers that separate wet soil and stone without blinding.

MODEL	WIDTH (MM)	POWER (KW)	CAPACITY (T/H)	CUT (MM)
SST-RS1000	1,000	15 - 22	30 - 60	20 - 60
SST-RS1400	1,400	30 - 45	60 - 140	20 - 80
SST-RS1800	1,800	45 - 60	140 - 250	20 - 100

The recommended screen for soil with moisture above 20%.

Ballistic separator SST-BS series

Three-way split by size and shape in one pass.

MODEL	WIDTH (MM)	POWER (KW)	CAPACITY (T/H)	FRACTIONS
SST-BS1000	1,000	15 - 18.5	20 - 40	3
SST-BS1400	1,400	22 - 30	40 - 80	3
SST-BS1800	1,800	37 - 45	80 - 120	3

Most effective on feed below 300 mm; a primary shredder normally runs upstream.

Octagonal powder screen SST-OP series

Rotating octagonal drum for powders and small granules.

MODEL	DRUM (MM)	POWER (KW)	CAPACITY (T/H)	MESH
SST-OP800	800 x 2,000	3 - 5.5	1 - 3	10 - 100 mesh
SST-OP1000	1,000 x 2,500	7.5 - 11	3 - 8	10 - 100 mesh
SST-OP1200	1,200 x 3,000	11 - 18.5	8 - 15	10 - 100 mesh

Capacity falls with finer mesh; the panel is sized on the target cut, not on tonnage alone.

Multi-deck vibrating screen SST-VB series

Two or three decks, four product sizes in one pass.

MODEL	DECK (MM)	DECKS	POWER (KW)	CAPACITY (T/H)
SST-VB1200	1,200 x 3,000	2	5.5 - 7.5	5 - 30
SST-VB1500	1,500 x 4,000	3	11 - 18.5	30 - 90
SST-VB1800	1,800 x 5,000	3	22 - 45	90 - 200

Wet or sticky feed needs a ball deck or a different screen type entirely.

Three-dimensional rotary screen SST-3D series

Circular tumbling motion for fine, difficult powders.

MODEL	SCREEN DIA. (MM)	DECKS	POWER (KW)	MESH
SST-3D600	600	1 - 2	1.5	40 - 325 mesh
SST-3D1000	1,000	1 - 3	3 - 5.5	40 - 400 mesh
SST-3D1200	1,200	1 - 3	5.5 - 11	60 - 500 mesh

For powder below 200 mesh, ask for the ultrasonic de-blinding option.

Tension bar screen SST-TB series

Flexing polyurethane mats that shed wet, sticky material.

MODEL	WIDTH (MM)	POWER (KW)	CAPACITY (T/H)	CUT (MM)
SST-TB1000	1,000	11 - 15	20 - 50	10 - 60
SST-TB1400	1,400	18.5 - 22	50 - 100	10 - 80
SST-TB1800	1,800	30 - 37	100 - 150	10 - 100

Best where a vibrating screen blinds within minutes; check the cut size against the mat range.

Zhengzhou, Henan, China · sales@shuangshitong.com · +86 159 3629 9993 www.shuangshitong.com