

Trommel Screen



HENAN EXCELLENT
MACHINERY CO.,LTD

Bulk Material Handling



TROMMEL SCREEN PROFILE

Trommel screen is a kind of precise classification equipment, it has a wide application, especially are ideal for the screening of compost, municipal solid waste, wood chip, biomass, topsoil, and various minerals Etc.

The trommel screen mainly consists of motor, reducer, drum device, support frame, sealing cover and inlet & outlet. The motor is coupled to the drum unit via coupling and reducer to drive the drum to rotate. When the material be feeding into the trommel screen, due to rotation of drum device, the material on the sieve surface is turned over and rolled, so that the small material (smaller than sieve hole) is discharged through the discharge port at the bottom of the rear end of the drum, and the big material (larger than sieve hole) is discharged through the discharge port at the end of the drum.



Widely application, simple structure, easy installation, stable operation, convenient maintenance, low energy consumption, low cost spare parts, long service life.



Screen mesh adopts modular design, which is fixed to drum with bolts, easy to replace, no need to remove the drum.



Trommel screen can be installed 1~5 segments different sizes of screen mesh according to the screening requirements.



Automatic cleaning brush is installed on the top of the trommel screen to reduce screen mesh blocking, and improve screening efficiency.



Fully sealed cover of trommel screen can prevent the leakage of materials and dust, which can improve working conditions for operators as well.



TROMMEL SCREEN FEATURES

TROMMEL SCREEN

DETAILS



Mesh Grid Drum



Punching Plate Drum



Rod Drum

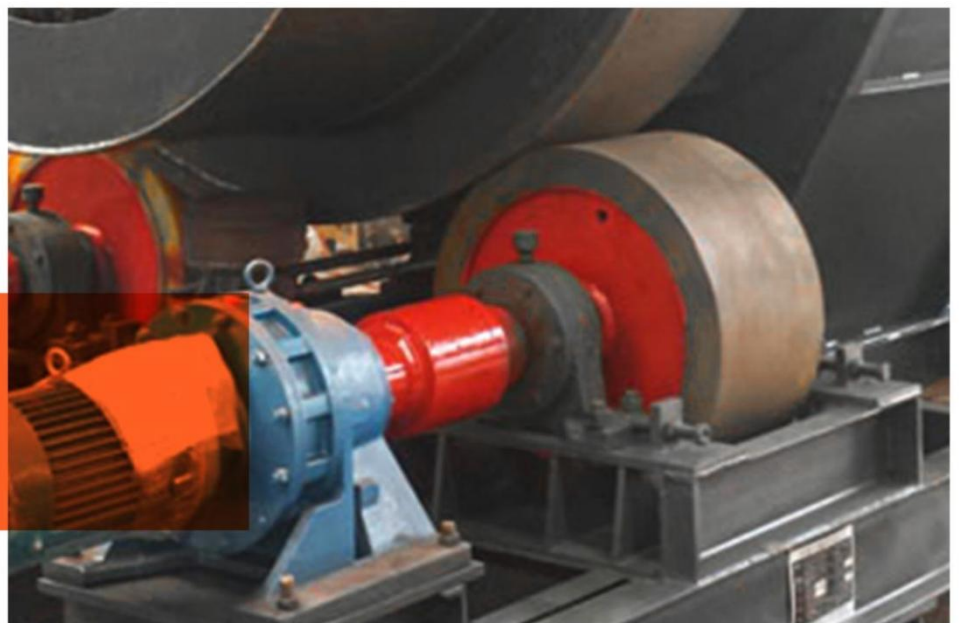
Gear Ring Drive



Tire Drive



Friction Wheel Drive



APPLICATION

FIELDS



Municipal Construction Waste

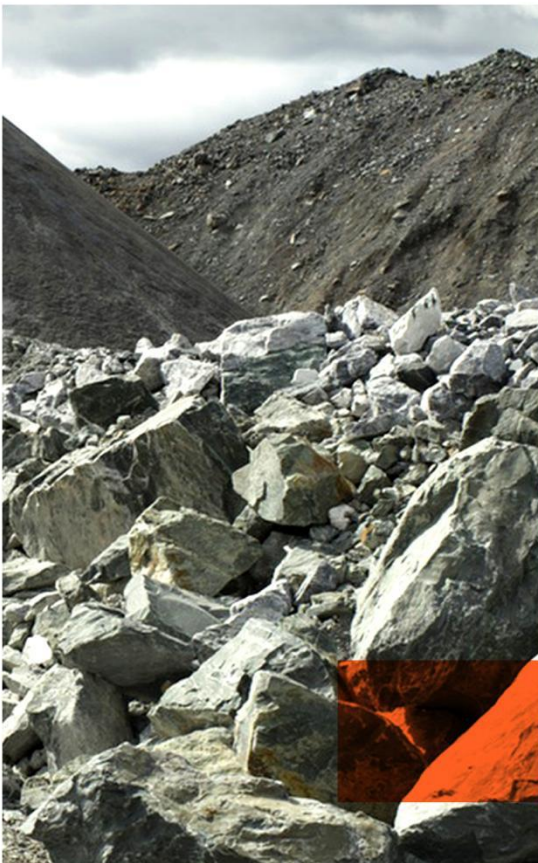


Municipal Household Waste

Composting Facilities



Wood Chip



Mining

PICTURE FROM THE SCENE

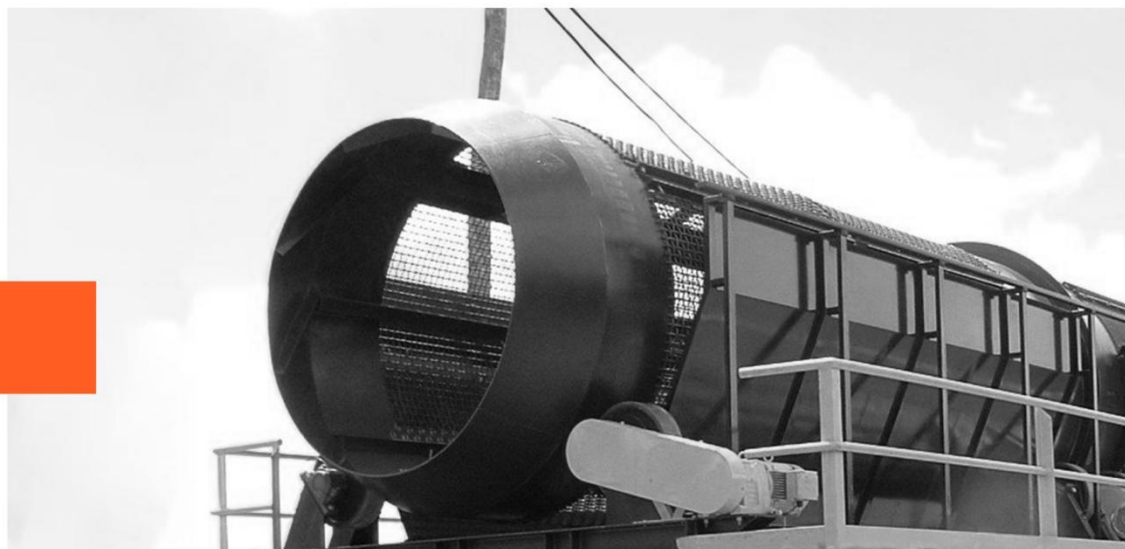


PRODUCTION

SPECIFICATIONS



Model	Length Range	Segment No.	Aperture Size	Power (Kw)	Inclined Angle	Max.Material Size	Rotating Speed (rpm)
GTSφ600	2-4m	1-2	≤30mm	2.2-3	0-7°	60mm	12-18
GTSφ800	2-5m	1-3	≤50mm	3-5.5	0-7°	100mm	12-18
GTSφ1000	2-6m	1-4	≤100mm	4-11	0-7°	150mm	10-18
GTSφ1200	3-8m	1-4	≤150mm	5.5-18.5	0-7°	200mm	9-15
GTSφ1500	3-10m	1-5	≤200mm	7.5-22	0-7°	250mm	9-15
GTSφ1800	4-12m	1-5	≤220mm	7.5-22	0-7°	270mm	8-15
GTSφ2000	5-15m	1-5	≤250mm	11-30	0-7°	300mm	8-12
GTSφ2500	5-18m	1-6	≤300mm	11-30	0-7°	350mm	8-12





Committed To Be Leader
In Bulk Material Handling

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