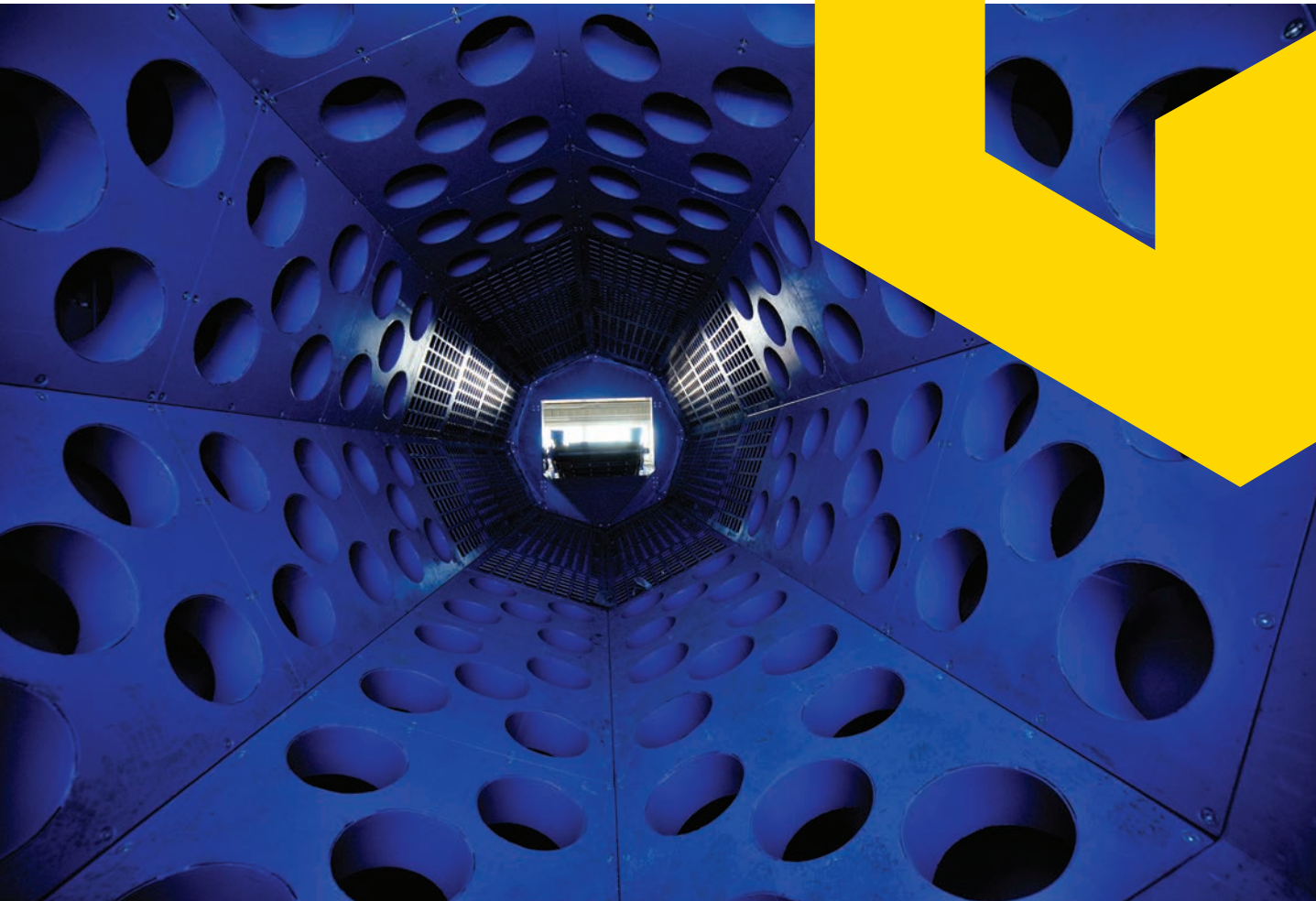


DRUM SCREEN



Drum screens are mainly employed in waste sorting plants, recycling plants and compost works. The sorting drum is used for the separation of a mixture of materials of different grit sizes.

The grit size is determined by the mesh aperture which is defined by the problem. It is possible to screen out one or even several screening fractions.

GENERAL DESCRIPTION

In general the type series differ between a round or polygonal design. Simple straight exchange screens (WS) are the advantage of the polygon drum. Round drums are mainly used when cleaning brushes for cleaning the screens are required.

As a basis the drum body serves to receive the screening plates and the raceways. The raceways are mechanically machined and, together with the wheels, ensure extremely smooth running of the drum.



DIMENSIONS

Diameters:	from 1,5 to 3,5m
Screening Length:	from 3,0 to 12,0m
Special dimensions:	Determined on a case-by-case basis.

The drive is provided by gear motor at the entry side of the drum. Larger drums have two drives. Intake and discharge chutes up to the lower edge of the drum frame are a standard scope of delivery. The access to the interior of the drum is by a draw-bridge.

TYPE RANGE

TYPE	DESCRIPTION
BST-P	drum screen, polygonal design exchangeable screens (WS), thicknesses from 3 to 12 mm
BST-R	drum screen, round design, exchangeable screens (WS) or also with built-in screens (FS) whose mesh aperture is attached directly in the drum body
BMT-R	mixing drum is a special design and serves for mixing materials. It does not have screens

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ADVANTAGES

- Good mixing of the material and therefore better screening;
- Interchangeable screening segments;
- Simple sturdy structure;

We design and produce customized solutions according to your requirements.

ADDITIONAL EQUIPMENT

For example: anti tangle protection, cleaning brush, interiorly arranged carrier ledges, tools, a protective cover with the possibility of connecting de-dusting air pipes is fitted depending on the application.

The steel construction for receiving the drum as well as catwalks for maintenance and cleaning services are determined customized for each single project.



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