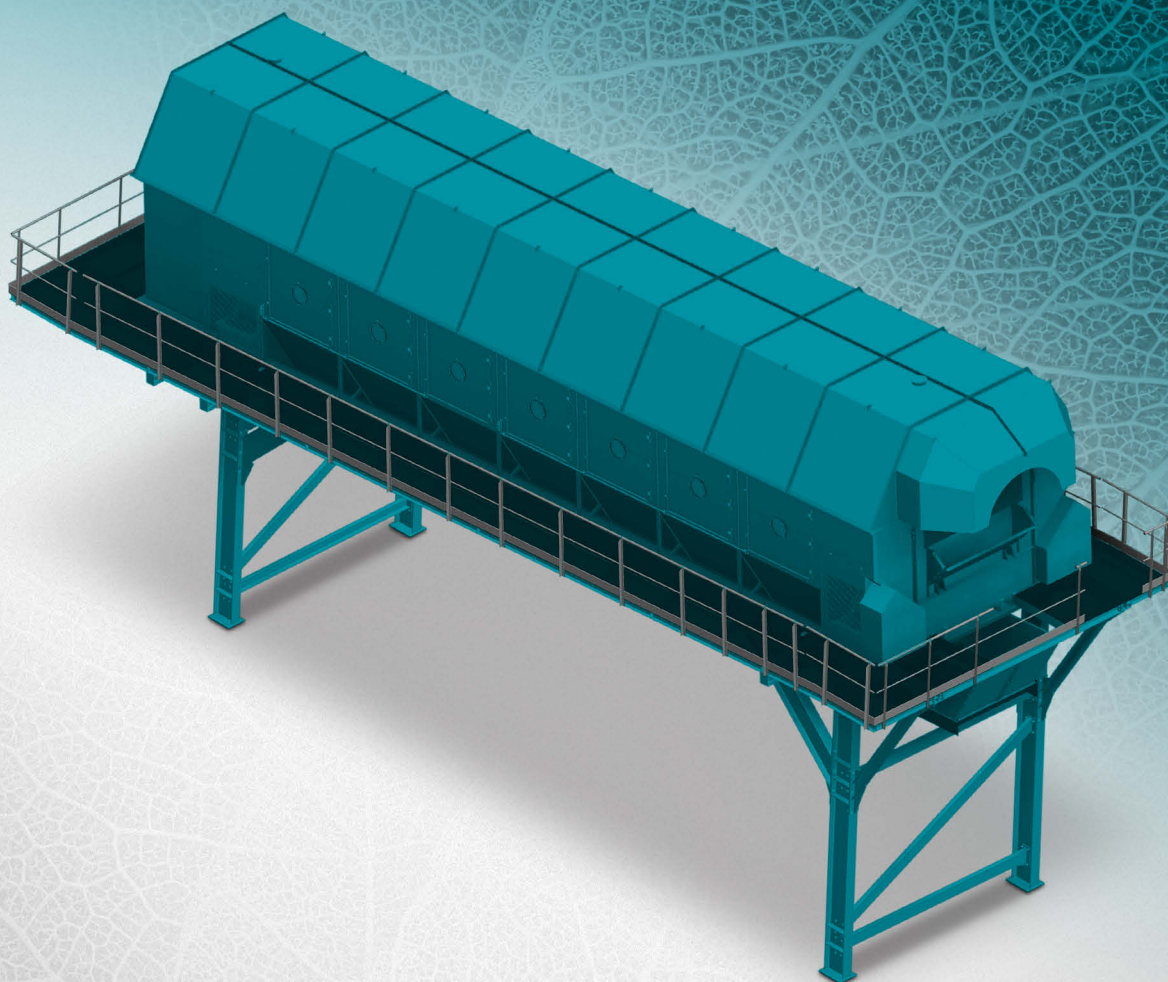




# TROMMEL SCREEN

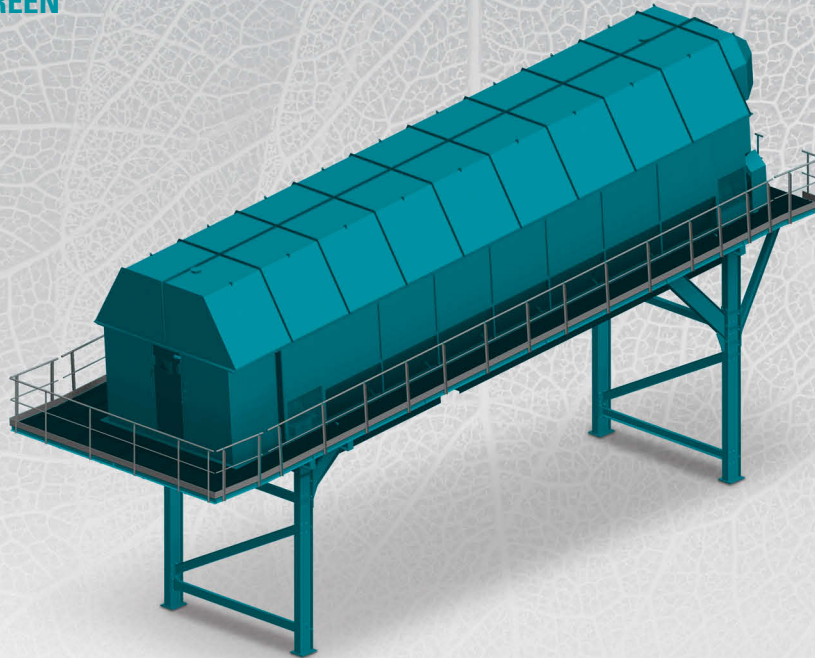
TROMMEL SIEVE



Trommel screen (trommel sieve) is a device designed for mechanical segregation of municipal waste according to its type (fraction). Trommel screen is spatial, cylinder-shaped steel construction covered with perforated sheet metal. The cylinder carrying raceways are placed on support rollers and are the transmission element of drive. The whole device is equipped with isolated frame which reduces the noise level, as well as odor and dust emissivity. SIGMA S.A. offers sieves enabling to segregate (separate) three fractions of waste.

**TROMMEL SCREEN**

TROMMEL SIEVE

**TECHNICAL CHARACTERISTICS**

TROMMEL DIAMETER [mm]	up to 3500
SCREENING LENGTH [mm]	up to 15 000
DRIVE	gearmotor SEW/NORD
PERFORMANCE/CAPACITY [m <sup>3</sup> /h]	up to 150
NUMBER OF FRACTION TYPES TO BE SEGREGATED [pcs]	2 or 3
SIZE OF SIEVED FRACTION [mm]	from 60 up to 360
SIEVE'S METAL SHEET THICKNESS [mm]	8; 10; 12
INLET CHUTE	including labyrinth seal
OUTLET CHUTE	including service doors, working platform, lightning and safety switch

**ADDITIONAL INFORMATION**

- power and control system
- dustproof and soundproof cover with option to install air extraction system
- possibility to replace sieves (perforated sheets)
- possibility to disassembly the covers in order to allow easy access to clean the machine
- smooth regulation of trommel's rotational speed



**Technical parameters of our devices are being selected according to experience of SIGMA engineers and individual customer's requirements.**