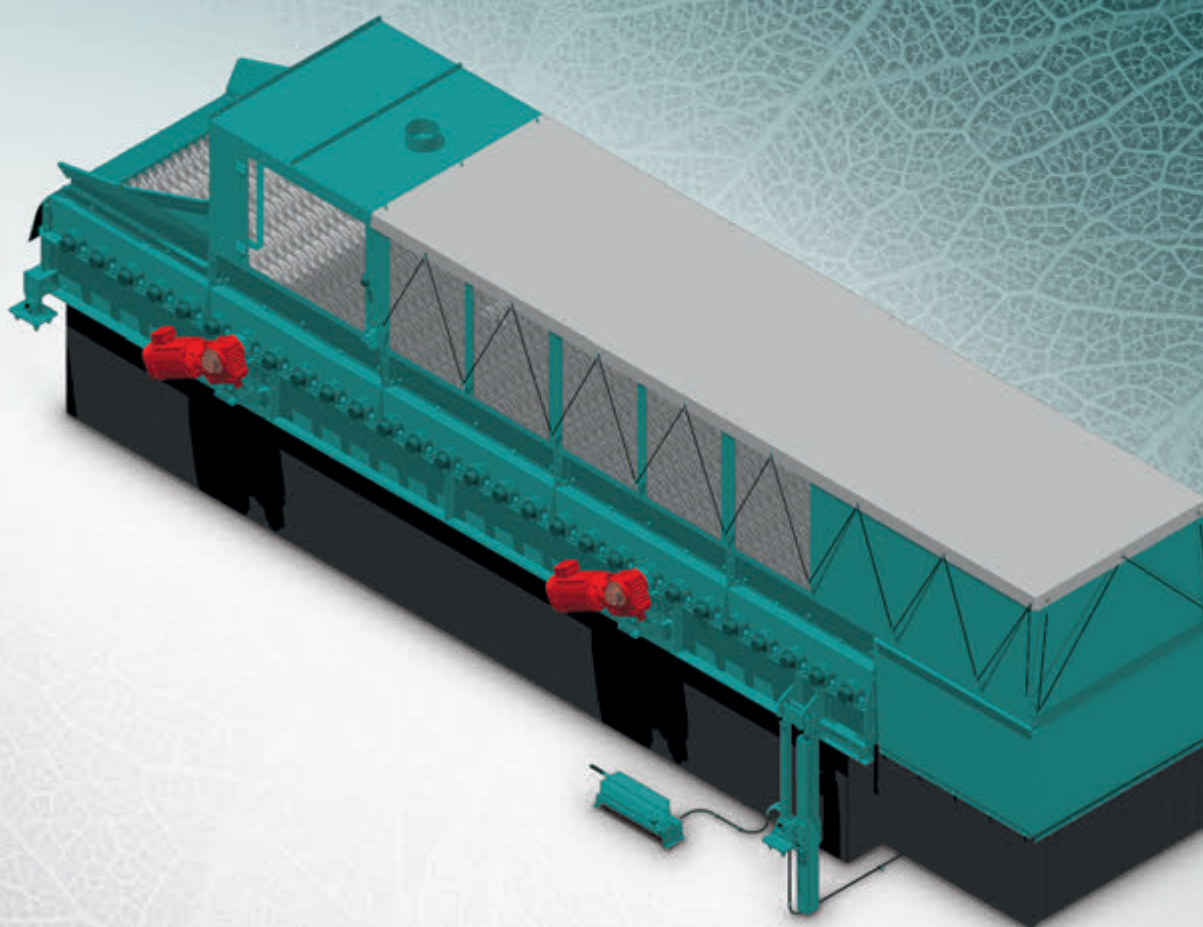


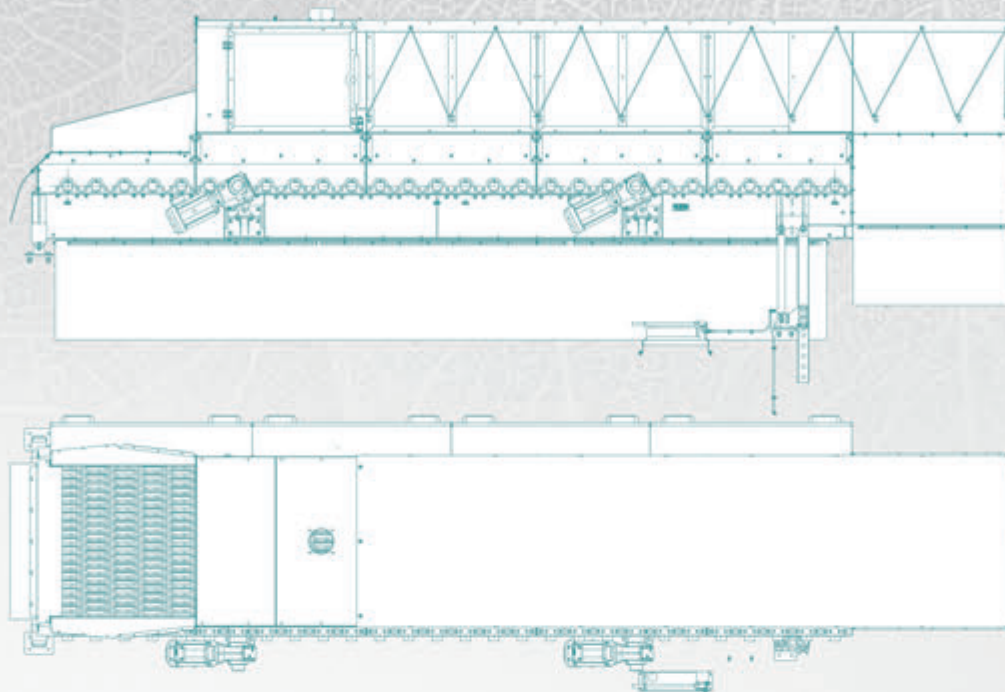
# STAR SCREEN PG-405



A star screen is a device used for mechanical separation of individual fractions from a waste stream. The flow and separation of waste takes place as a result of the rotation of specially shaped stars mounted on bearing shafts. A fine (small) fraction is separated on the stars, which as an under-screen fraction falls into a container placed under the screen or onto a conveyor collecting the screened fraction. The remaining part of the waste, as an over-screen fraction, is transported towards a belt conveyor collecting this fraction and is sent to the next device of the technological line. The advantage of the device is its relatively small dimensions, which allows the sorting plant to be installed in smaller halls/areas.

## STAR SCREEN PG-405

## DIAGRAM



## TECHNICAL CHARACTERISTICS

|  |   |
|--|---|
| WIDTH [m]                                    | up to 2   |
| LENGTH [m]                                   | up to 8,5   |
| DRIVE  | SEW/NORD gear motor drive<br>(optionally overload coupling installed) |
| CAPACITY [t/h]                               | up to 15  |
| NUMBER OF FRACTIONS RECEIVED                 | 2   |
| SIZE OF UNDER-SCREEN FRACTIONS RECEIVED [mm] | up to 40  |
| STARS RAW MATERIAL                           | polyurethane  |
| TYPE OF SCREENED MATERIAL                    | biomass, municipal waste, aggregate, etc.                             |

## ADVANTAGES

- can be applied both in outdoor and indoor areas
- stable supporting structure
- easily removable screens' stars
- possibility of providing a dust-proof cover
- possibility of providing a sound-proof cover
- can be manufactured in accordance with the ATEX directive – EX II 1/3 D certificate for operation of the device in zone 22 (inside 20)



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