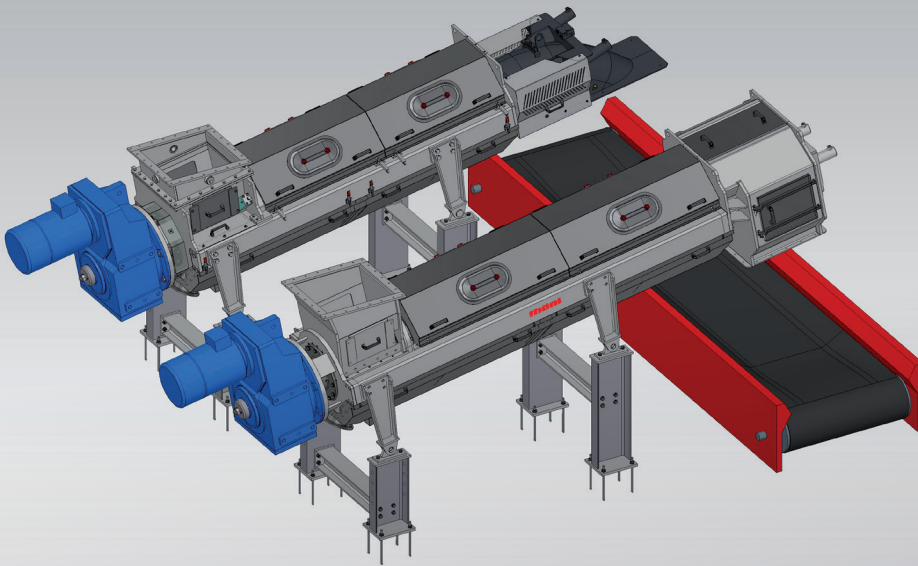


THÖNI ENVIRONMENTAL ENGINEERING  
**TSP350-TWIN**  
SCREW PRESS

EXCELLENT DEWATERING PERFORMANCE

- High level of dewatering
- Easy to replace with Thöni TSP350-C Screw Press
- Reduced operation costs



## HIGH DEWATERING PERFORMANCE

Efficient solid-liquid separation plays a crucial role in the further processing of digestate. It is not only a question of making the investment economically viable, but also of laying the foundations for long-term operational success. Solid-liquid separation is to be considered the most costly part of the entire digestion process. Utilising the full dewatering potential minimises and significantly reduces capital and long-term operating costs.

The latest development, the Thöni TSP350-Twin Screw Press, optimises dewatering performance and reduces maintenance and service costs. It is well suited for dewatering digestate from waste treatment plants.

- ⊕ INCREASED DEWATERING PERFORMANCE DUE TO DOUBLE-SIDED SCREW BEARING
- ⊕ REDUCED NEED FOR WEAR AND SPARE PARTS INCREASES THE EFFICIENCY OF PRESS OPERATION

## PROCESS

The material is fed into the press from a storage hopper via a feeding unit. The digestate is then conveyed along the screen section by a rotating screw against a pressure cone. This way the material is separated into a solid and liquid fraction.

## ADJUSTMENT OF DEWATERING RATE

The dewatering rate can be set to suit the substrates by adjusting individual parameters (cone back pressure, screw speed, mesh range and slot widths of the screens).

- ⊕ EASY TO REPLACE WITH THÖNI TSP350-C SCREW PRESS MINOR ADJUSTMENTS REQUIRED FOR RETROFITTING
- ⊕ MANUFACTURED IN THE THÖNI IN-HOUSE METAL WORKSHOP