

## CASE STUDY | DRUM SCREEN

Food processing plant Ynsect, Poulainville FRANCE

### FINE SCREEN PROJECT

Our client Ynsect is building its third vertical farm specializing in insect production, spanning 45,000 square meters. The on-site wastewater treatment plant requires a fine screen to ensure the process wastewater meets the standards for discharge into the municipal water system.



Food plant Poulainville, FRANCE 

### PROJECT DATA

- Capacity/flow : 35 m<sup>3</sup>/h
- Filtration spacing: 0.25 mm | 250µm
- Type of mesh: Wedge wire
- Total suspended solids: 500 to 3500 mg/l
- Waste: grain residues, dead insects or insect processing products

### NEW EQUIPMENT

- Internally fed Drum screen
- Washing compactor
- Support frame
- Emergency stops
- Junction boxes

### DRUM SCREEN



3D preview new installation

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### INSTALLATION:



### DRUM SCREEN 1500



### BENEFITS:

- ➔ **Fine filtration:** Removes solids (250 µm), such as grain and insect byproducts.
- ➔ **Regulatory compliance:** Ensures the plant meets municipal discharge limits.
- ➔ **Efficient waste handling:** Separates and compacts solids for easier disposal.
- ➔ **Low maintenance:** Self-cleaning design minimizes manual labor.