

# **U.S. Sludge Thickening And Dewatering Equipment Market Size, Share & Trends Analysis Report By Equipment (Sludge Thickening Equipment, Eye Protection) By Application (Municipal, Industrial), And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

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### **U.S. Sludge Thickening And Dewatering Equipment Market Growth & Trends**

The U.S. sludge thickening and dewatering equipment market size is anticipated to reach USD 783.6 million by 2030 and is expected to grow at a CAGR of 2.7% from 2025 to 2030, according to a new report by Grand View Research, Inc. The U.S. market is experiencing significant growth, driven by increasing environmental regulations, the growing need for wastewater treatment, and the rising focus on sustainable practices. The need for efficient wastewater management systems has never been more critical due to urbanization, industrial activities, and the expansion of the agricultural sector, all of which generate large amounts of sludge. The pressure to minimize the environmental impact of waste products is encouraging municipalities and industries to invest in advanced sludge treatment solutions.

Sludge thickening and dewatering are essential steps in wastewater treatment processes. These methods help in reducing the volume of sludge, making it easier and more economical to handle, transport, and dispose of. The market is expanding due to technological advancements, such as the development of more energy-efficient equipment and systems that reduce operational costs. Innovations like centrifuges, filter presses, and belt filter presses are being increasingly adopted because they offer higher efficiency, better performance, and lower energy consumption compared

traditional methods.

The growing emphasis on sustainability is also pushing the market forward. As industries and municipalities strive to reduce their carbon footprint, they are turning to sludge treatment equipment that can extract value from waste, such as recovering biogas or producing biosolids that can be used as fertilizers. Furthermore, regulations and policies in the U.S. that focus on reducing landfill usage and encouraging the recycling of wastewater byproducts are fostering market growth.

## U.S. Sludge Thickening And Dewatering Equipment Market Report Highlights

Based on equipment, the sludge thickening equipment segment dominated the market in 2024 due to its critical role in reducing sludge volume and improving overall wastewater treatment efficiency. This is driven by both industrial and municipal demands for more effective waste management solutions.

Based on application, the municipal segment led the market in 2024. The municipal segment is expanding as urbanization and stricter environmental regulations push local governments to invest in efficient and sustainable wastewater treatment infrastructure to handle growing populations and waste volumes.

In April 2024, HUBER Technology Inc., the U.S. subsidiary of HUBER SE, officially opened its expanded production facility. Spanning approximately 17,000 m<sup>2</sup>, the HUBER USA facility now manufactures all products directly on-site, including its own full-bath pickling line.

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