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Wastewater treatment in the production of metallic packaging

EnviroChemie designs, builds and delivers a compact system for the treatment of wastewater from the production of packaging

A manufacturer of metallic packaging from Eastern Europe last year commissioned a system to treat emulsion-containing wastewater from their production process.

EnviroChemie installed a Lugan® 10.000 flotation system in an EnviModul plant room measuring 12 m in length as a compact and space-saving solution for the customer.

The wastewater treatment system has a throughput capacity of 5–10 m³/h. The system reliably reduces the values for COD and lipophilic substances and adjusts the pH value.

Also included in the scope of delivery are a 25 m³ mixing and expansion tank with agitator and insulation, which was installed on a specially manufactured concrete slab upstream of the EnviModul, as well as two 10 m³ drainage troughs for sludge dewatering.

The modular system was delivered to the customer in May 2025 and put into operation just recently after on-site connection. EnviroChemie supplies the customer with the water treatment products adjusted specifically for wastewater treatment.



Image: View of the EnviModul plant room with Lugan® 10.000 flotation system for wastewater treatment.



Image: Wastewater treatment solution prefabricated at EnviroChemie in the EnviModul plant room



Image: Lugan® 10.000 flotation system for the treatment of emulsion-containing wastewater

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