

MDD Mobile Dewatering Device

WATER RECYCLING

MDD



- Operation: 1) Fully automated in combination with MFD_R200
2) Standalone operation possible
- Flow rate: 12m³/h (depending on liquid, solid, filter fleece)
- Product: compact sludge
- Container: 20' (ISO dimension, LxWxH, 6,058m x 2,438m x 2.591m)
Mounting place for flocculant IBC for use in MFD_R200
- Power supply: 3x400V / 50Hz
- Electric power: 2 kW
- Weight: 2.000 kg (without accessories)
- Process interfaces: Sludge IN / Filtrate OUT / Sludge (Big Bag)



 **AUSTRIA**

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 **reprotex**
The Water Recycler

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MOBILE SLUDGE DEWATERING

The Reprotex-Process

Reprotex stands for mobile wastewater recycling. In addition, with the mobile container-based sludge dewatering system, the liquid sludge produced from our water recycling device can be thickened in a combined process so that it is available in a compact form suitable for landfill or incineration.

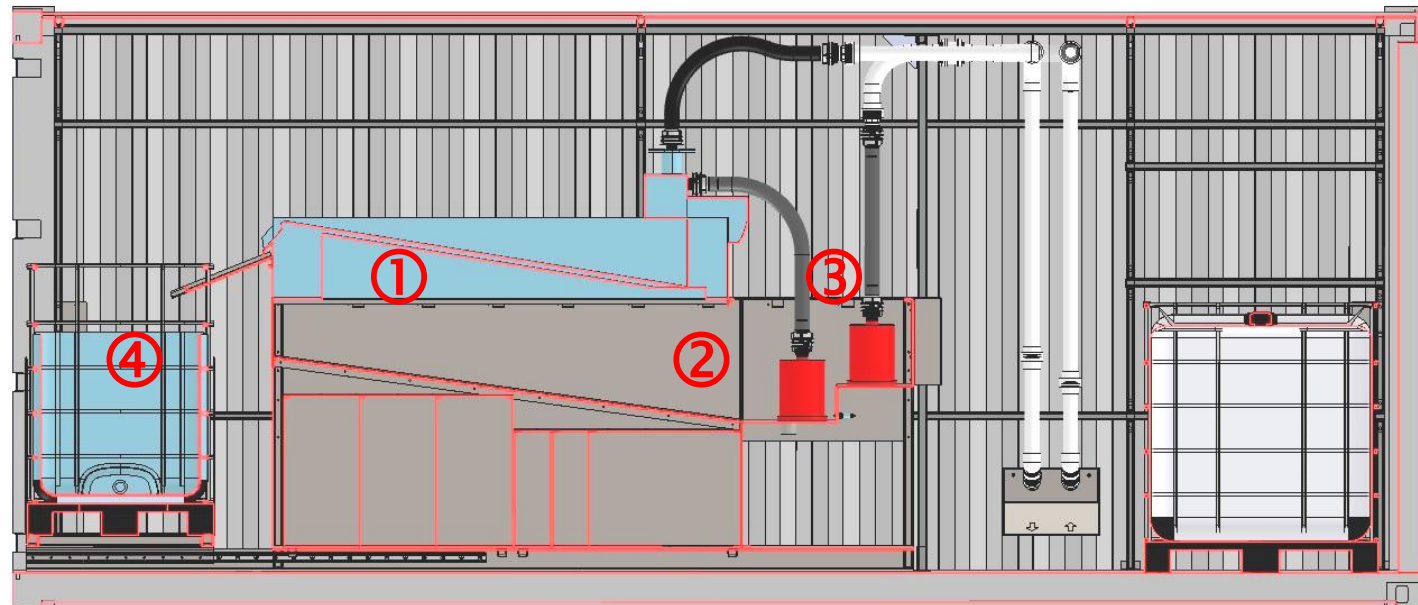
The electronically controlled device runs fully automatically in combination with the MFD_200 or as a standalone solution.



Process description

The periodically discharged liquid sludge is pumped directly into the MDD where it is applied to an inclined filter. The sludge is dewatered via an individually selectable filter fleece and automatically transported into a big bag. The water is automatically pumped into the MFD_R200 or an external drain, triggered by the water level in the filtrate cup.

Sludge overflow is pumped back onto the filter fleece by an additional pump.



AREAS of USE:

- Surface treatment
- Hydrodemolition
- Tunnel cleaning
- Removal of markings
- Grip improvement
- Tank decoating
- Industrial cleaning
- Off-Shore
- Deconstruction of buildings
- Façade renovation

YOUR ADVANTAGES

- Cost savings (Sludge/logistics)
- Flexibility und mobility
- User friendliness
- Innovative process
- Storage space for equipment and accessories

100% wastewater
↓
1% Sludge
99% Clearwater

The precipitation and flocculation products used in the MFD_R200 are developed by VTA Austria GmbH in coordination with Reprotex.



Main components

- ① Inclined filter
- ② Filtrate tank
- ③ Pumps filtrate/circulation
- ④ Big Bag (compact sludge)
- ⑤ Storage IBC flocculant for MFD_R200
- ⑥ Hose connectors (Storz 2")

