

MDD     **Mobile Dewatering Device**

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 / 16A
Electric power:	2 kW
Weight:	2.000 kg (without storage accessories)
Process interfaces:	Sludge IN / Filtrate OUT / Sludge (Big Bag)



WATER RECYCLING

MDD



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	<p>MOBILE SLUDGE DEWATERING</p>
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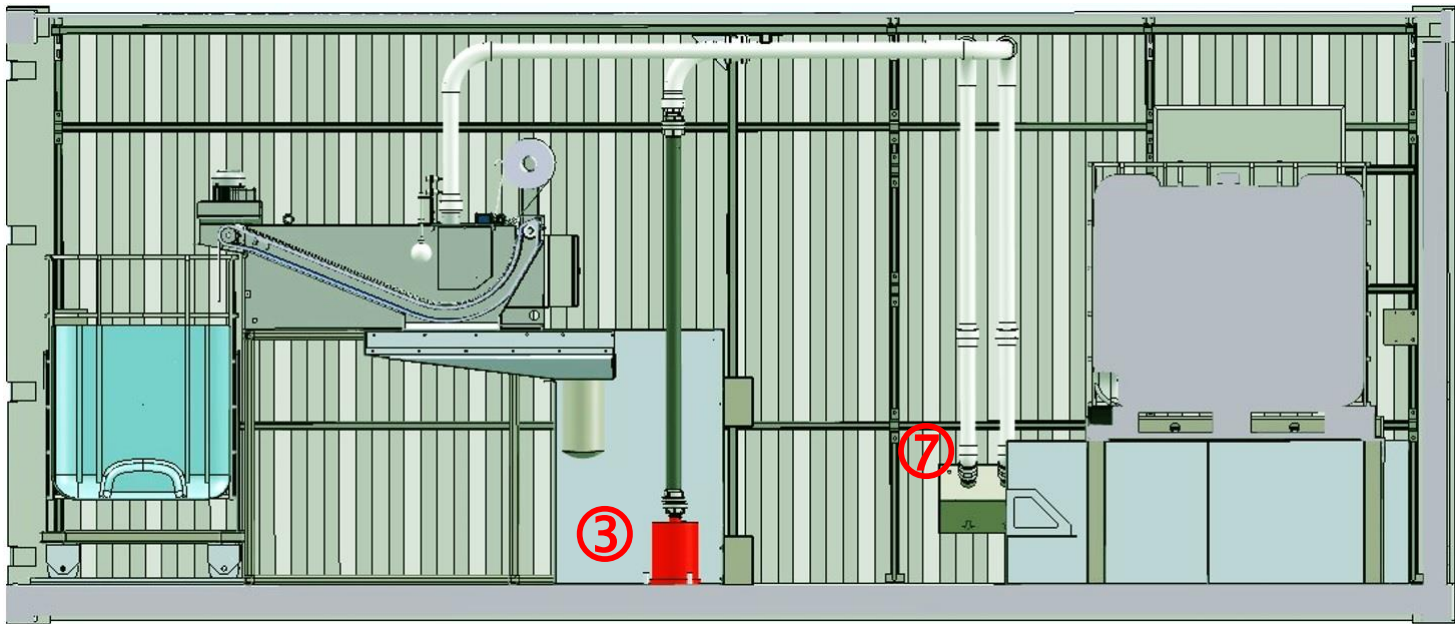
## The Reprotex-Process

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 bed filter. The sludge is dewatered via an individually selectable filter fleece and automatically transported into a big bag. The filtrate is automatically fed to the MFD\_R200 or to an external drain, depending on the filtrate level in the filtrate chamber.



## AREAS of USE:

- Surface treatment
- Hydrodemolition
- Tunnel cleaning
- Removal of markings
- Grip improvement
- Tank decoating
- Industrial cleaning
- Offshore
- Deconstruction of buildings
- Facade 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% Clear water**

## Main components

- ① Inclined bed filter
- ② Filtrate chamber
- ③ Filtrate pump
- ④ Big Bag (compact sludge) in IBC trolley
- ⑤ Storage for IBC (floculant for MFD\_R200)
- ⑥ Catch basin
- ⑦ Hose connectors (Storz 2", sludge IN, filtrate OUT)

