

## Umweltgrube®

### Type MSG 310 U

- One-piece prefabricated assembly pit with a filling chamber construction
- Self-supporting filling chamber with honeycomb construction with integrated formwork and one-piece prefabricated assembly pits in filling chamber design
- Side wastewater channels to collect and dispose of dripping materials
- Self-supporting filling chamber with honeycomb construction with integrated formwork and reinforcement
- Various equipment features such as waste oil disposal systems, fresh oil supply, pit jacks, sliding covers, brake test rigs and much more
- Accessories are completely assembled, piped and wired at the factory according to consultation and planning
- Project-based CAD planning
- Installation time of max. 5 hours per system thanks to the special assembly technology
- Clearly defined construction interfaces
- A specialist company according to WHG (Waste Water Act)
- Static tests of the prefabricated assembly pit with a filling chamber construction available
- Meets the requirements of waste water protection according to WHG/VAwS (AwSV) / TRwS (779 / 785 / 786) and all specifications of DGUV 109
- Approved, type-tested and certified by the Deutsches Institut für Bautechnik (DIBt - No. Z-38.5-278)
- ISO 9001:2015 certified production facility
- DIN EN 1090 certified production facility
- Various patents have been granted
- Top product quality
- MADE in Germany

### Technical description

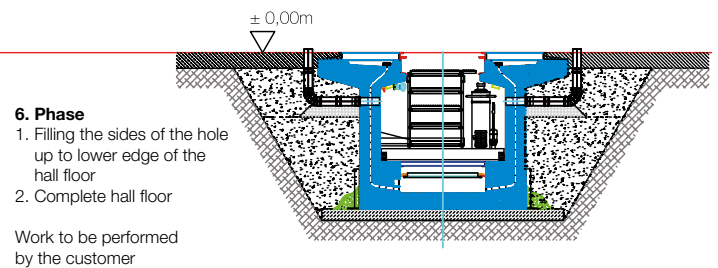
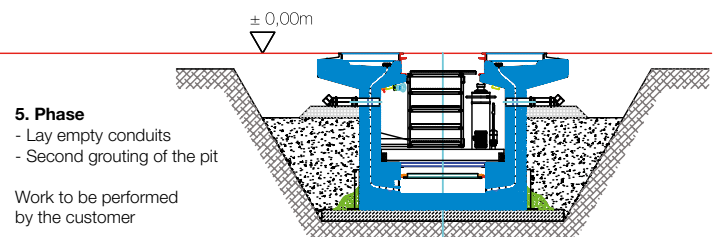
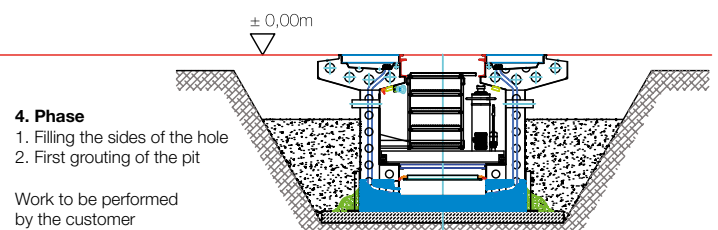
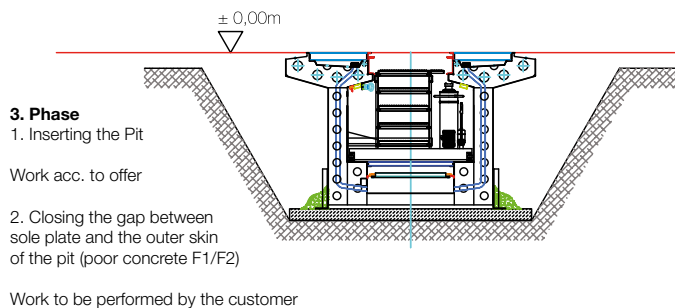
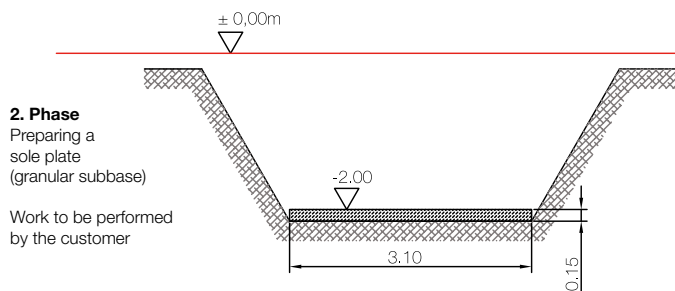
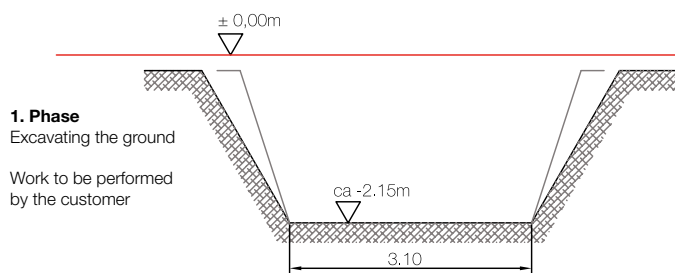
<b>Axle load:</b>	20.0 t
<b>Flächenlast:</b>	60.0 t
<b>Traffic load:</b>	in accordance with SLW 60, DIN EN 1991-1-1:2010-12, DIN EN 1991-1-1 /NA:2010-12, DIN Technical Report 101:2009-03 and DIN 4085 Supplement 1: 2011-12
<b>Length:</b>	according to customer requirements
<b>Inside width:</b>	1.02 m in clearance
<b>Working width:</b>	1.62 m in clearance
<b>Outside width:</b>	3.10 m
<b>Standing height:</b>	according to customer requirements



Integrated drainage system for the disposal of the lateral waste-water channels via the existing pump sump or gully. All connections are provided in accordance with the planning for electrics, compressed air, exhaust air, brake test rig, play detector and pit drainage. The prefabricated assembly pit has a double pit frame with installation options for a sliding cover, jack, support bridges etc.

Accessories: examples include electrical installation, lighting, compressed air, exhaust air, waste oil disposal, fresh oil supply, brake test rig, pulldown assembly, play detector, pit jacks, support systems and much more.

*We have the solution to every challenge. Let one of our specialists offer you individual advice on your project.*



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Prefabricated assembly pits  
Umweltgrube®  
Sliding covers  
Rail vehicle pits