40 M³ BUFFER TANK

OTT is the sole supplier of this unique storage tank for drill cuttings (80 mt). The Buffer Tank system is completely sealed and allows no leakage. Where other suppliers have limitations regarding solid waste, we manage everything from liquid to stone and gravel.

NO NEED FOR PRESSURE

Similar tanks on the market need pressure to empty. The attendant problems associated with clogging outlet valves and piping creates additional costs that we have eliminated.

EASY TO EMPTY – SELF CLEANING

This patented tank eliminates common problems with sticky drill cuttings. Unlike more expensive tanks on the market, the OTT Buffer Tank easily empties by using the screw conveyors that cover the bottom of the container.

CERTIFIED FOR OFFSHORE LIFTING

All certification of specifications is done in accordance with NORSOK requirements.
TECHNICAL DESCRIPTION
- The Buffer Tank has a total capacity of waste/cuttings of 37 m³, and are certified for offshore lifting
- All material used are no less than Carbone S355
- The weight is 11.0 ton net, classified certified weight is 13.0 ton
  Max total weight, when running is 90.0 ton
  Deck load maximum 5.0 ton
- In the bottom there are 4 ea. conveyors (Ø 400 mm) going in sequences, to keep cuttings floating. At the end there is 1 ea. Conveyor (Ø 300 mm) to feed cuttings to outlet flange
- The outlet flange fits OTT – conveyor, CDP system, CBP (bulk) or other transport systems
- All 5 conveyors are hydraulic driven. The Ø 400 conveyors have 1600 ccm motors and the Ø 300 conveyor has a 1000 ccm motor
- The system that controls the sequences are EX, zone 1 (as all parts in BT) and can be programmed as required
- Buffer Tanks are made total closed with 3 ea. hatches on top, with anti gliding proof painting on top and railings all around
- All painting is done according to NORSOK SYS. 01 – M-501, with carboline 1290 painting
- All documentation according to NORSOK requirements

DIMENSIONS
- Length  5000 mm
- Width   3500 mm
- Height  2500 mm
- Weight  10,000 kg (22,000 lbs)

TECHNICAL SPECIFICATIONS
- Hydraulic operated (210-250 bar, 60-100 ltr/min)
- Capacity of 0-80 mt of drill cuttings