

THERMAL DESORPTION: HAMMERMILL Offshore



The HAMMERMILL unit is specifically designed for offshore, capable of being installed in the space that would have been used for the skips previously used to collect and transport cuttings to shore.

Through the integration of the proven CLEAN CUT cuttings transfer and storage technology with an M-I SWACO Thermomechanical Cuttings Cleaner (TCC) modular design, we provide the total offshore solution, including:

- Pneumatic transfer of drilled cuttings offshore to a thermal system
 - Complete enclosed system
 - CLEAN CUT and HAMMERMILL PLC-controlled for reduced manpower requirements
 - Cross-trained CLEAN CUT and TCC engineers
 - Modular DNV 2-7.1 approved modules
 - Minimal rig-up/rig-down time
 - Plug and socket on cabling to reduce rig-up/rig-down time
- Best available technology for drive module featuring the new CAT C32 low emissions engine (less than Tier 2)
 - ATEX Approved
 - Hammermill technology utilizing friction to generate heat within the cuttings that separates the base oil without damaging its molecular structure
 - Offshore rigs and other installations where space is at a premium and where base oils must be recovered from drilled cuttings, both for the recovery of the base oil and for preparing the cuttings for disposal or reuse
 - Reduced manpower on the rig
 - Reduced crane lifts for lifting cuttings containers (skips) - reduced manpower - removal of additional deck hands on the rig to handle the skips
 - Reduced emissions

Features

- ATEX approved
- CE marked
- Small footprint
- Low manpower requirements
- Operates very cleanly and quietly
- Ability to operate offshore

Benefits

- Limited process temperature
- Very short retention time required for complete removal of oil in the solids
- Good condition of the recovered oil
- Efficient, intense agitation to break up solid particles, inducing efficient thermal desorption