

CHAINING MACHINE



Concept

The challenger Drumtech chaining machine is designed to provide additional treatment to those drums that have contained difficult residues that have not been fully removed in previous washing treatments, viscous residues such as resins or oil additives are typical of the type. The machine is located after pre-flushing or multi stage washing when internal inspection will reveal residues which require scouring in order to reclaim the drum for re-use.

Operation

Scouring chains and a measured quantity of caustic detergent are inserted into the drum which is then bunged up before feeding into the machine, as a drum is fed into the first station the machine ejects a treated drum at the exit.

At each timed treatment station the drum rotates whilst first in the horizontal plane and then tilted to the head then the base.

This ensures that all surfaces are scoured to remove the heavy deposits, the number of treatment stations used is dependent on throughput requirements, usually five or ten stations. Processed drums are de-bunged and the chains removed, the detergent is then emptied into the free - standing detergent supply tank for further re-use in the machine.

When foul, the detergent is siphoned off for safe disposal by a licensed waste operator.

Services

Three phase electric supply
Air at 6 bar
Water to detergent tank