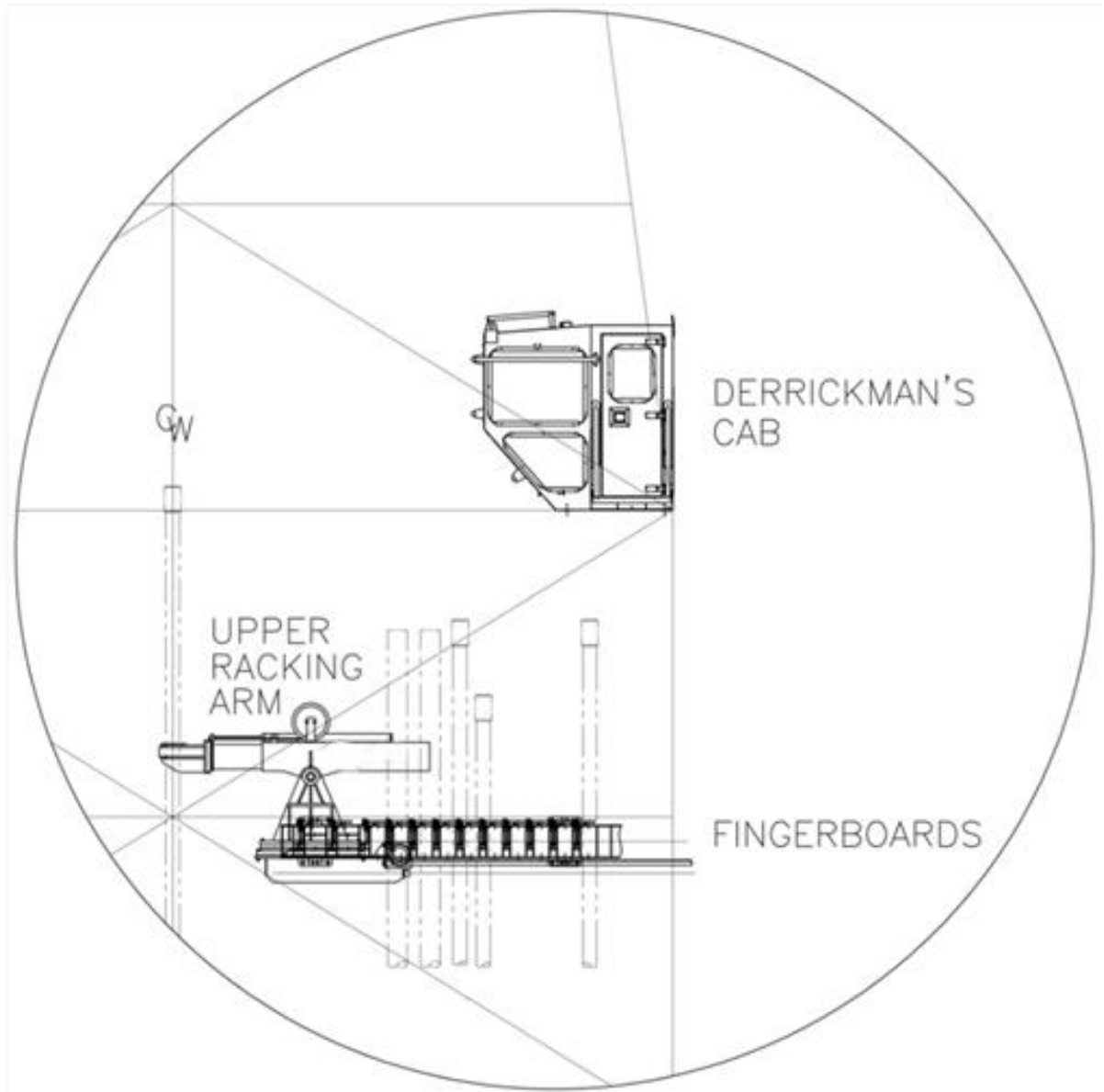


# FINGERBOARDS



**THE FINGERBOARDS CONSIST OF A SERIES OF FINGERS POSITIONED OVER THE SETBACK AREA WITHIN WHICH STANDS OF DRILL PIPE, DRILL COLLAR AND TUBING ARE 'RACKED BACK' AND RESTRAINED FROM HORIZONTAL MOVEMENT.**

On each of the finger rows, a series of pneumatically operated latches are arranged in order to retain each stand independently and safely.

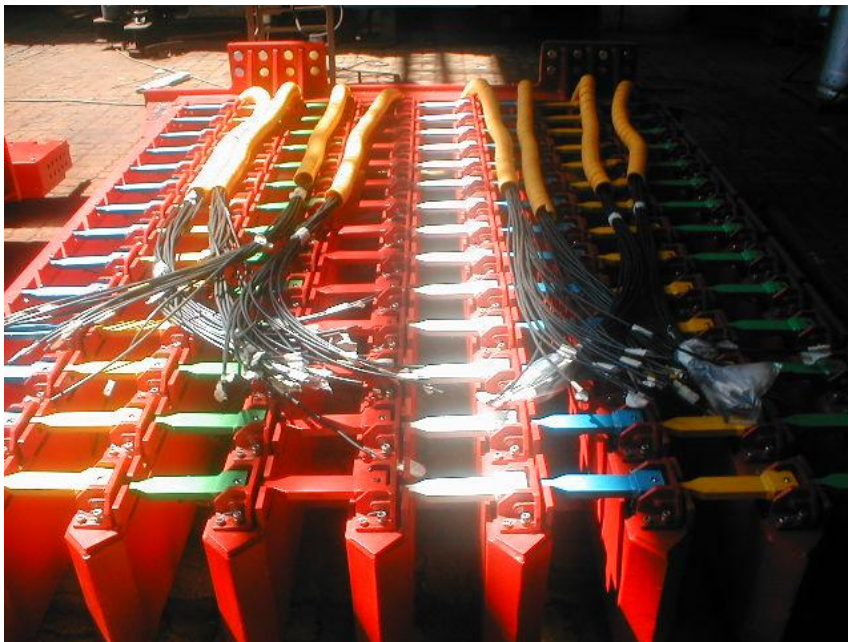
# FINGERBOARDS

Fingerboard sequences are operated in conjunction with the vertical pipe-handling system, ensuring safely captured stands throughout the handling sequence.

The fingerboards are typically operated from a derrickman's cab situated high in the derrick above the fingerboards, thus requiring no manual intervention by a derrickman.

## FINGERBOARDS FEATURES & BENEFITS

- Pneumatically operated**
- Control options available**
- Can be retro-fitted to suit existing setbacks**
- Fail-to-safe closing latches (Sprung closed, powered open)**
- Capacities to suit for varying tubulars**



MH/0114/006/A