

Designed specifically for simple proof load testing of wire chains, ropes etc...

## Straining Unit

- Long stroke hydraulic cylinder with double acting ram.
- Piston head and cylinder ends fitted with low friction seals.
- Pulling ram terminates in a fixed clevis jaw, with a similar arrangement on the moving carriage.

## Load Control Console

- Digital monitor with 20mm high character readout connected to load cell by means of multi-core screened cable.
- Peak freeze provision facility for capturing maximum applied load with reset.
- Pressure Control is achieved by means of a control valve at the operators position.
- PUMP START push button and STOP button.
- Optional Data Acquisition Facility showing load and extension..

## Load Cell

- Located between the pulling clevis and pull ram and strain gauge tensile load features a multi bridge with temperature compensation and close zero balance.
- Calibrated in accordance with International Standard ISO 7500-1: 2004

## Power Pack

- Features a flanged motor close coupled to a single pump
- Filtration provided includes suction line strainer and tank top filler/breather

## Test Bed

- Main frame comprising of steel section side frames cross braced and featuring location points for moving carriage at incremental positions along the bed.
- The machine is supplied with the group anchor fixing holes incorporated for 'Thor-bolts', which are recommended in order to prevent 'tramping'.
- An adjustable carriage is provided supported on free moving rollers for easy placement of the carriage appropriate to the nominal test specimen length.
- Machine is fully guarded by fixed plates at base of bed and manually operated, hinged guards at top of bed section.

