



## Horizontal Tensile Testing Machine for Overhead Conductors

### Description

- According to TT-HTTM ASTM B524 / B524M, ASTM B711, IEC 60794-4, IEE 1138, IEC 61089, HD-626-S1
- Large effective bed clearance enables testing of a wide range of specimens, full length specimens, sling construction, high capacity specimens
- An adjustable carriage is provided supported on free moving rollers for easy placement of the carriage appropriate to the nominal test specimen length
- PC based software based on windows and Labview
- Connection port is USB
- Report of results in MS EXCEL
- Main frame compressing of steel section side frames cross braced and featuring location points for moving carriage at incremental positions along the bed
- Built-in self-calibration structure enables customer to calibrate the load cell on machine instead of removing load cell to another machine for calibration
- Frames, fixtures and strain measurement devices can be designed & manufactured to accommodate many types of products
- Machine is fully guarded by fixed plates at base of bed and manually operated, hinged guards at top of bed section
- Loading accuracy well within  $\pm 1\%$ , small capacity within  $\pm 0.5\%$
- State of the art electronics and software guarantees high performance and accuracy
- Fully auto control combined with manual control ensure machine in control as when one control mode is not available.
- Load capacity as per customer request
- Frames can be customized in length to meet a variety of application requirements
- Frame is made of short sections and can be disassembled