

Mechanical tests laboratories



Mechanical tests

laboratories

Mechanical tests laboratories to meet all your needs

HORIZONTAL TENSILE TEST BENCH - 200 TONS

Technical characteristics

- maximum force : 200 metric tons (440 000 lbs)
- length : 23m
- width : 1m
- height : 0,55m
- stroke : 2m
- measurements : mechanical traction, linear displacement, temperatures, current, voltages, electrical resistances
- software : Labview

NOTE

Power supply available for thermal cycling

- current : 5000A
- voltage : 10V



HORIZONTAL TENSILE TEST BENCH - 60 TONS

Technical characteristics

- maximum force : 60 metric tons (130 000 lbs)
- length : 18m
- width : 0,35m
- height : 0,25m
- stroke : 1,20m
- measurements : mechanical traction, linear displacement, temperatures, current, voltages, electrical resistances
- software : Labview

NOTE

Test with angle available thanks to the pulley

Power supply available for thermal cycling

- current : 5000A
- voltage : 10V



Mechanical tests

laboratories

VERTICAL TENSILE TEST BENCH

Technical characteristics

- maximum force : 2 * 100 000 lbs
- length : 3,10m
- width : 1,80m
- height : 3,50m
- stroke : 2 x 1,20m
- measurements : mechanical traction, linear displacement



TRI-ANCHOR TEST BENCH

Technical characteristics

- maximum force : 25 tons
- length : 12m
- height : 9m
- measurements : mechanical traction, linear and angular displacement



GUY WIRE TENSIONNING TEST BENCH

Laboratory used to calibrate guy wire tensionning system

