

Bomb Shell Hydraulic Pressure Testing Machine – upto 1800 Bar

(Model:NEA2118)



☰ SPECIFICATIONS

- Capable to do hydrotesting of Bomb Shells of up to test pressure from 250 to 1200 bar
- Designed With 100 tonne hydraulic press for holding Bomb Shells during testing pressure of up to 1.5 times 1200 Bar ie..1800 Bar
- Automatic Deformation Measurement through PLC based deformation measurement system
- Automatic Pick and Place Machine with ABB Robot to automate tasks with production rate of 50 shells/hour
- Maximum Capacity of bomb shells
 - Length up to 1000mm
 - Diameter up to 200 mm
 - Weight up to 100 kg
- Loading and Unloading Conveyor for automatic initialisation and finalisation of Testing
- PLC and Scada software with 12" HMI for data monitoring, data acquisition and data storage
-

Machine Is Capable of doing following test with Accuracy on Bomb Shells-

- Hydro testing of Bomb Shells up to 1200 Bar water coolant pressure.
- Automatic Loading and Unloading of shells
- Deformation Measurement of Tested shells with accuracy of 1 micron
- Variable Diameter (100 to 200 mm) and Length (400 to 1000 mm) Bomb shells can be tested
- Variable Pressure Testing from 250 to 1200 Bar can be done

