



Single Stud Tensioner incl. Test & Storage Stand PWR-AP 1000 MW



Siempelkamp

NIS Ingenieurgesellschaft

- Pretensioning force at 3 RPV studs (7"; 177,8 mm) simultaneously in summary 45 RPV studs has to be tensioned
- Continuous monitoring of pretensioning process
- Max. Force: 10.079 kN - 2.265.962 lbf - 1.027.735 kp
- Max. Hydraulic pressure: 1.000 bar - 14.503 psi - 100.000 kPa
- Max. hydraulic high pressure available in 15 seconds
- Elongation recording accuracy (1/100 mm) of RPV studs and monitoring during tensioning process
- Special hoist systems are available to connect to the monorail, means the polar crane is free for other operations
- Opening of RPV in less than 4 1/2 hours, excl. RPV stud turning
- Closing of RPV in less than 6 1/2 hours, excl. RPV stud turning
- Integrated hydraulic system incl. reservoir
- Operating from RPV flange level
- Combined test- & storage stand for limited areas



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