



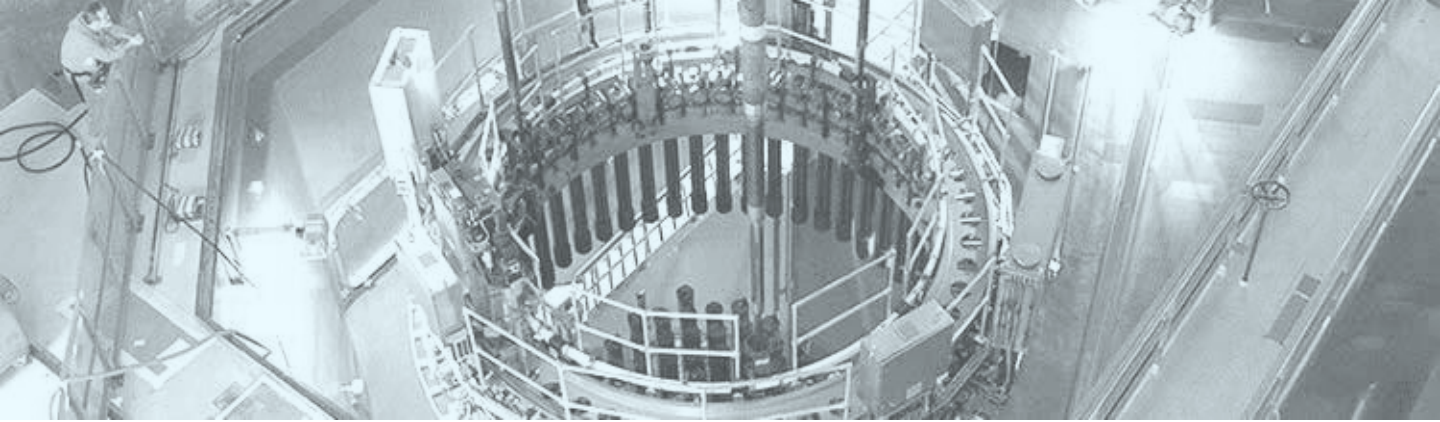
Siempelkamp

NIS Ingenieurgesellschaft mbH

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

Tools & Measurement • Cleaning Equipment • Stud Handling and Transport • Stud Tensioning Systems • Tools & Measurement • Cleanin
ing Equipment • Stud Handling and Transport • Stud Tensioning Systems • Tools & Measurement • Cleaning Equipment • Stud Handling and Tr
ansport • Stud Tensioning Systems • Tools & Measurement • Cleaning Equipment • Stud Handling and Tr





- 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

Siempelkamp NIS Ingenieurgesellschaft mbH
Industriestraße 13 • 63755 Alzenau • Germany
Tel.: +49 6023 40693-0 • Fax: +49 6023 40693-970
nis.alzenau@siempelkamp-nis.com
www.siempelkamp-nis.com

