

Application

Dynamic Internal Pressure Testing System Type HD 1000 – 150 – D

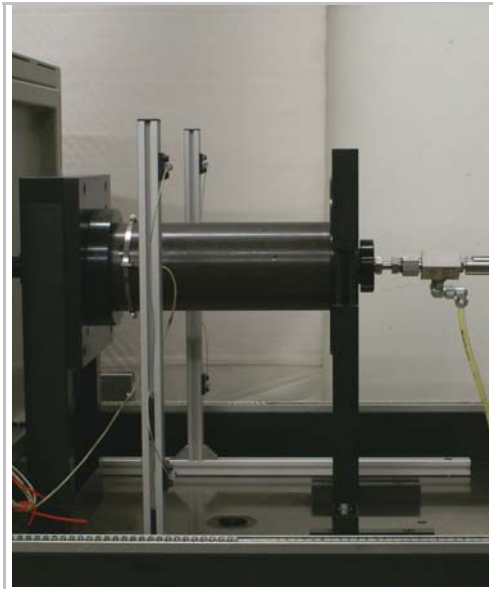
Specially designed for high pressure hydrostatic fatigue testing up to 5 Hz with high speed pressure in- and decrease in 20 ms 0 to 1000 bar and 1000 to 0 bar of steel pipes

with pulsating pressure cycles in various wave forms according to ISO 6605

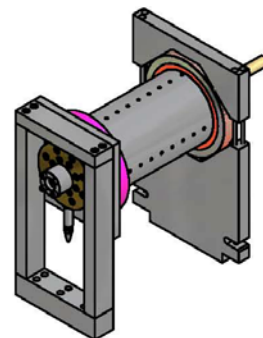
Features:

- Consisting of test chamber, hydraulic pressure intensifier, servohydraulic actuator and specimen filling pump all integrated in one unit plus separate hydraulic power pack
- Digital controller Type **PCS₅₀₀₀** and testing software **DION** for free programming of test cycles (sinus, triangle, rectangle and free) and automatic test procedure
- Test chamber with filler bar, flanges and high pressure seals to accept different sample diameters in horizontal position in a solid base
- Technical Data:
Dynamic Pressure up to 1000 bar
Test Frequency up to 5 Hz
High pressure output 360 cm³
Piston stroke active 152 mm

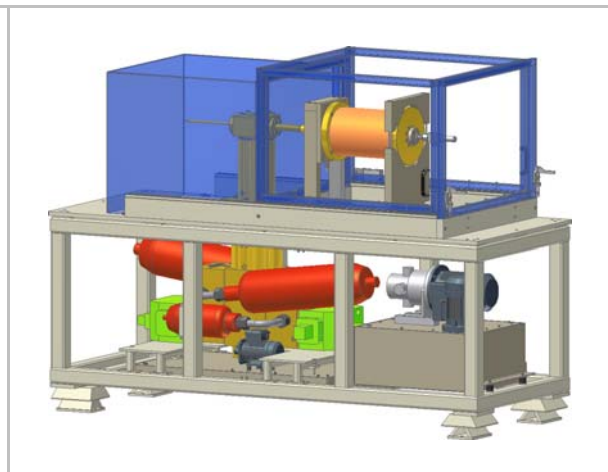
Customer: Dalmine S.P.A., IT – Dalmine Bergamo



Test Chamber:



Pressure Cycle:



walter+bai ag Testing Machines

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