RUMUL PRODUCT INFORMATION

INNOVATION 2015

RUMUL Machine Type: RUMUL GIGAFORTE 50
Testing Applications: Very High Cycle Fatigue (VHCF) tests on standard samples

approx. 1000 Hz test frequency =
100 millions of load cycles in less than 28 hours!
Technical data: **RUMUL GIGAFORTE 50**

Max. peak value: 50 kN tension/compression

Max. dynamic load: 50 kN (+/- 25 kN)

Max. static load: +/- 50 kN

Dynamic stroke: 0,2 mm (+/- 0,1 mm)

Test frequency: approx. 1000 Hz
(+/- approx. 3 % depending on sample stiffness)

Horizontal daylight: 400 mm

Max. vertical test space: 330 mm (other values on request)

Control modes: Load control or stroke control
(acceleration controlled vibration tests possible)

Sample thread sizes: M 27 x 2 or smaller

Total weight: approx. 1200 kg

Sound insulation cabin: is required!