

RUMUL – Leading through **Specialization**

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!

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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 (<i>other values on request</i>)
Control modes:	Load control or stroke control (<i>acceleration controlled vibration tests possible</i>)
Sample thread sizes:	M 27 x 2 or smaller
Total weight:	approx. 1200 kg
Sound insulation cabin:	is required!