

All-metal mount VTCI-1500F

All-metal Mount VTCI-1500F is used for suspension of machine tools in general, especially crushing machines and grinding mills. Elastic suspension of exhaust pipes, engines, pumps, compressors on ships and in vehicles.

An all-metal mount with damping element made of 18/8 stainless steel wire, center mounting pin and casing in steel. A progressive tension/compression isolator with resonance frequency 15-20 Hz through the load range.



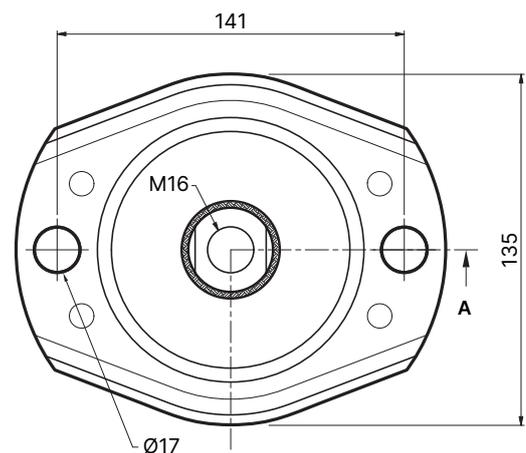
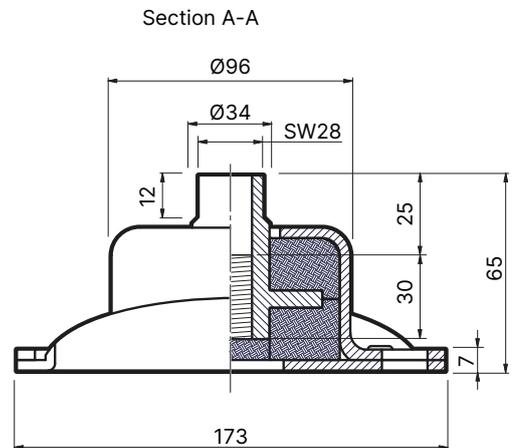
Application areas

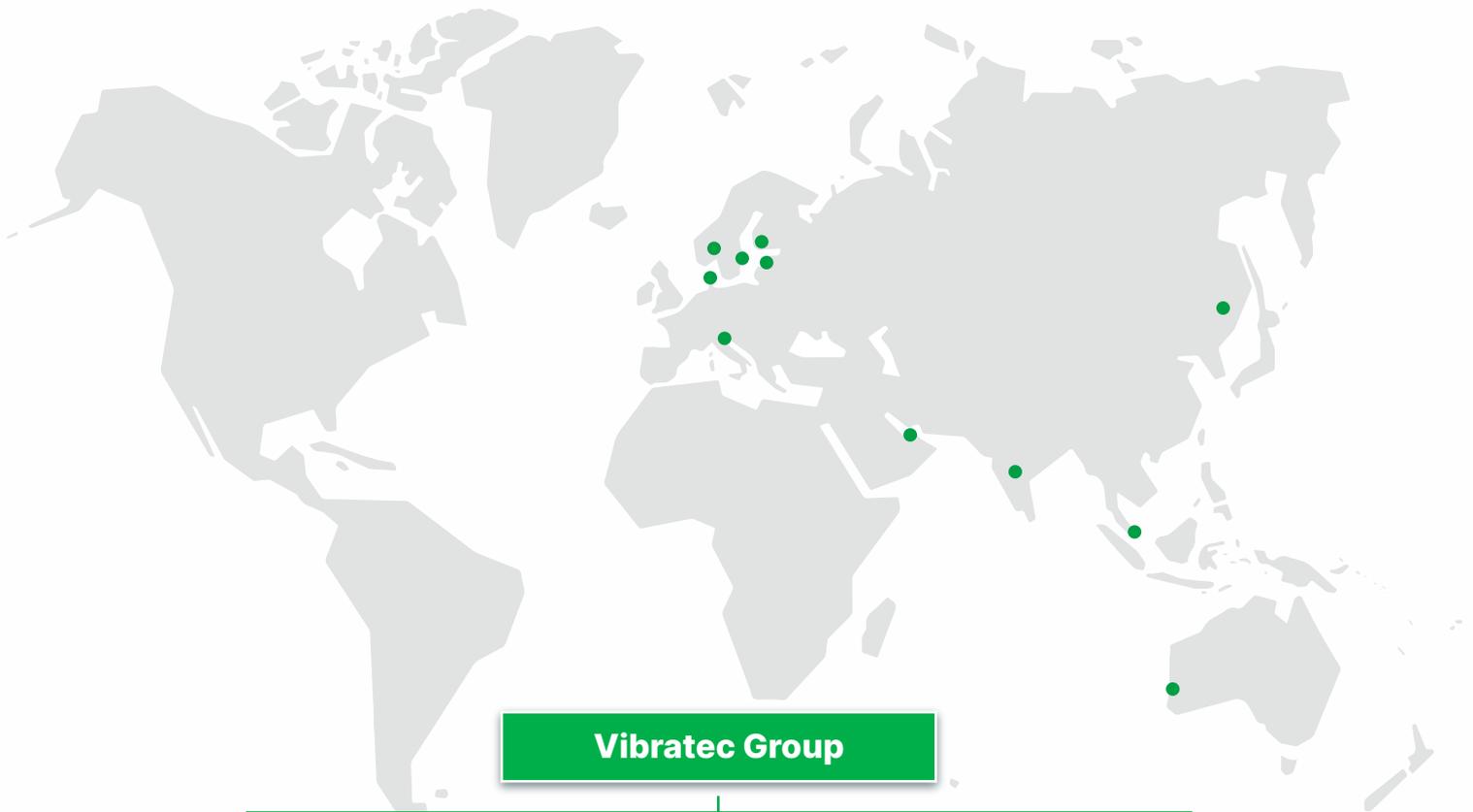
- Suspension of machine tools in general, especially crushing machines, grinding mills and generally all rotating machinery operating above 30 Hz.
- Elastic suspension of exhaust pipes with exhaust media of 650°C or more, engines, pumps, compressors on ships and in vehicles.
- The isolator is ideal to use as fix point of exhaust pipe directly after the first bellow.

Characteristics

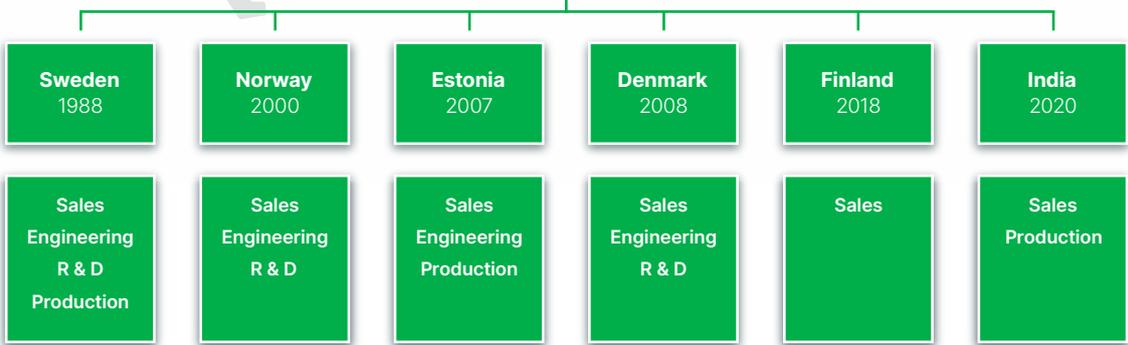
Natural frequency:	15 - 20 Hz
Material:	stainless steel 18/8
Protection:	Ceramic Coating KTL
Maximum excitation amplitude:	± 0.3 mm
Amplification factor:	< 6
Maximum dynamic overload:	2 g
Temperature range:	-90° to +600°
Weight (same for VTCI-300F & VTCI-700F)	0.86 kg
The damping element and center mounting pin can be supplied in AISI316	Optional

Type	Load Range in daN (≈kg)
VTCI-300F	500 - 1500





Vibratec Group



Engineering, production & installation

Vibratec has extensive experience, combined with the use of modern tools, when we design and manufacture tailor made solutions in all areas of vibration and noise reduction.

Vibratec performs test to evaluate mechanical, physical and long term behaviour on materials as well as complete solutions.

Construction, defence, industry, marine & railway

Vibratec Akustikprodukter is one of Scandinavia's leading suppliers of noise and vibration solutions. Vibratec's ambition is to become the preferred choice for customers who need solutions to noise, vibration and shock problems.

Vibratec produce and store many products for damping and isolation of vibration, shock and noise over a wide range of applications.