

BASEFRAME - BaseFrame

» BASEFRAME



To ensure stable long-term test operation and reduce wear resulting from the vibration of the combustion engine, both the combustion engine and load unit (EC or AC dyno) have to be mounted on a single, isolated test bed.

FEV has developed the FEV BaseFrame, a modern solution on which both the engine and the dynamometer can be mounted. This unit in its standard edition is based on eight dampers which are designed for all combinations of engine and dynamometer to minimize vibration.

The FEV BaseFrame is made of welded metal profiles. The equipment is mounted in line on two stainless steel guide slots on which all components can be moved and adjusted. Thus all parts of the unit “engine - drive shaft - dynamometer” are positioned towards each other without relative motion.

Your Benefits

- > Easy adjustment for engine and dyno
- > Easy transportation of the complete unit
- > Environment-friendly through integrated drip pan
- > No maintenance necessary
- > Excellent price-performance ratio

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Technical Data

Material	steel
Weight	approx. 1,000 kg
Overall length ¹⁾	3,500 mm
Overall width	1,050 mm
Overall height	275 mm
Weight bearing capacity	approx. 4,000 kg
Resonant frequency of engine and dynamometer	approx. 3 Hz
Standard color	RAL 7035 (light grey)

¹⁾ other dimensions upon request