

Roller power test bench for passenger cars and commercial vehicles

Suitable for power measurement and diagnostic tests under load of vehicles up to 13 t axle load. The load device is an air-cooled eddy-current brake, static operating point setup or cycle control is handled by Energopower (Telj-4) computer software. The drive-out is aided by pneumatic roller fixing and wheel lifting device.



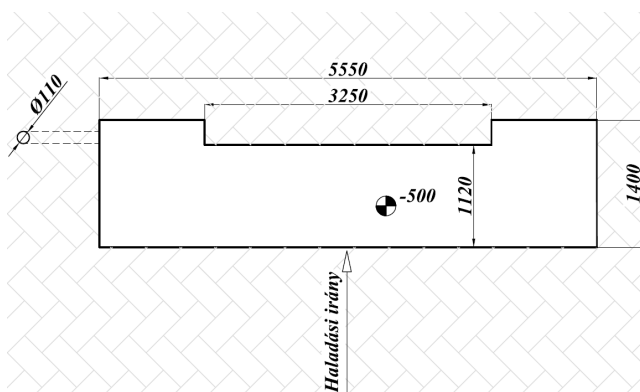
- Testing of M1, M2, M3, N1, N2, N3 vehicle categories
- One single mechanical unit
- Hard coupled roller pairs per side
- Measuring and control electronics based on CAN-system
- Drive-out by roller fixing and wheel lifting
- Measurement of the torque delivered through the rollers
- Speed measurement
- Power measurement

Requirements for installation

- Preparation of concrete bed / groundwork with edge protection frame
- Preparation of electrical installation and protective tubing
- Preparation of compressed air supply (regulated, oiled)
- Preparation of tracks for electronic cables
- Air- and ventilation technology
- Exhaust gas extraction
- Noise protection



Fixing of the vehicle



Installation scheme
(no replacement of the installation drawing)

Standard equipment

- Roller unit with load device
- Electronic power- and resistance box
- RS232 computer interface

Accessories

- Energopower (Telj-4) measurement software
- Computer configuration
- Safe fixing of the vehicle (blocking by keys, tie-down)

Optional accessories

- Computer desk
- Air cooling fan for engine and exhaust system cooling
- Exhaust gas extraction system
- Drive-back motor for power loss measurement

Technical data

Maximum axle load: 13 t
 Minimum track width: 800 mm
 Maximum track width: 2800 mm

Roller diameter: 323 mm
 Roller length: 1000 mm
 Roller surface: smooth steel

Maximum deliverable power: 400 kW (30 sec)
 Power measurement accuracy: ±1 %
 Maximum measurement speed: 150 km/h

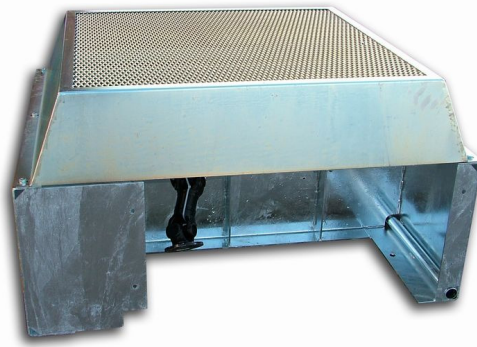
Corrosion protection: galvanised

Supply: 3 x 400 V
 Fuse: 3 x 20 A

Compressed air supply: min. 7 bar
 Noise emission: < 85 dB

Made in Hungary

Az Ön partnere:



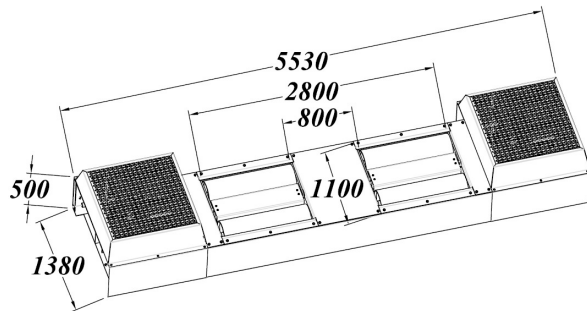
TMP-400 load unit



Exhaust gas extraction unit



Installed TMP-400



Dimensions of the mechanical unit

Due to constant product improvement Energotest reserves the right to make changes without prior notice. Images may contain optional extras.