



Valeo Bursa Test Benches

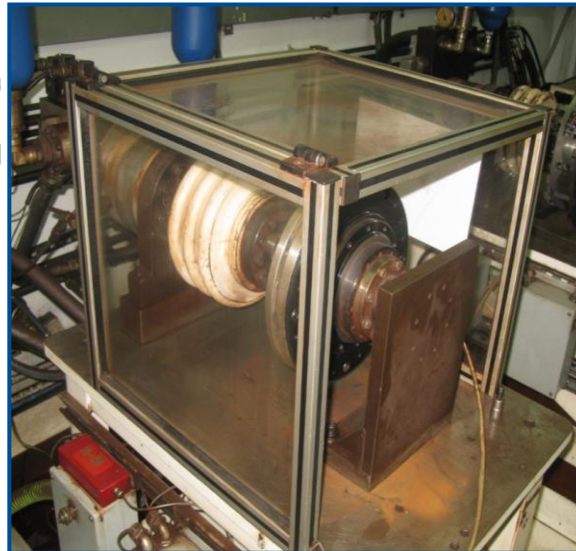
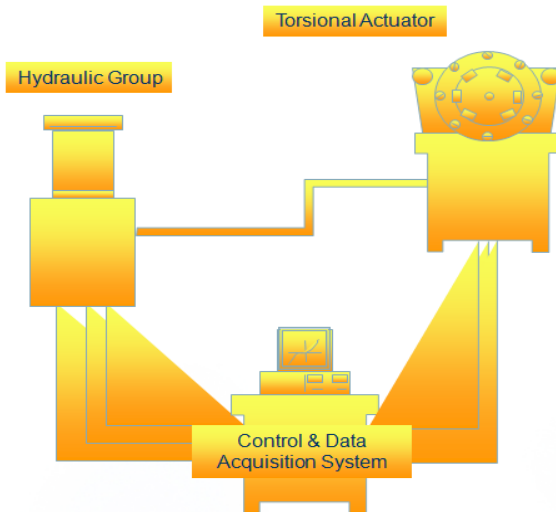
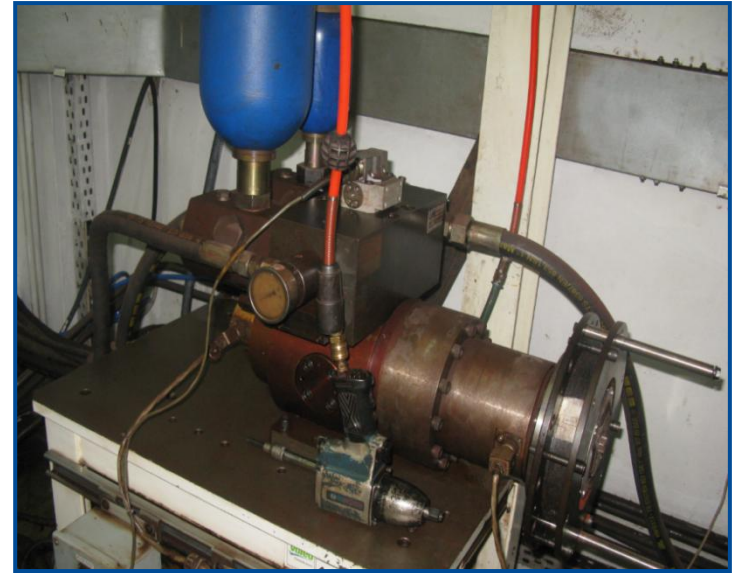
June, 2015

Bursa Test Benches

- 6 static torsional test benches,
- 4 axial fatigue test benches,
- 2 rotating actuating machines without wear simulation benches (touret),
- Thermal test bench,
- Burst test bench,
- Bearing noise test bench.
- Progressive wear bench (M84, BUP)

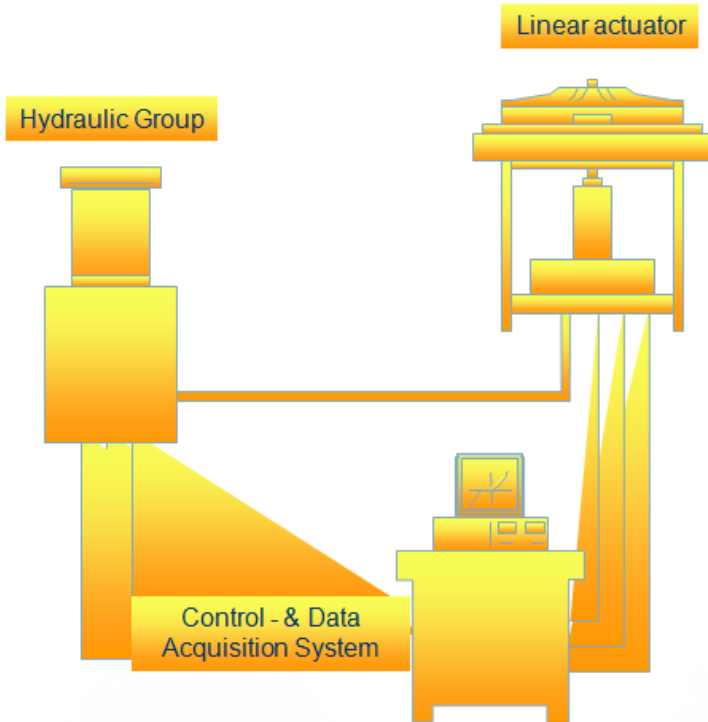
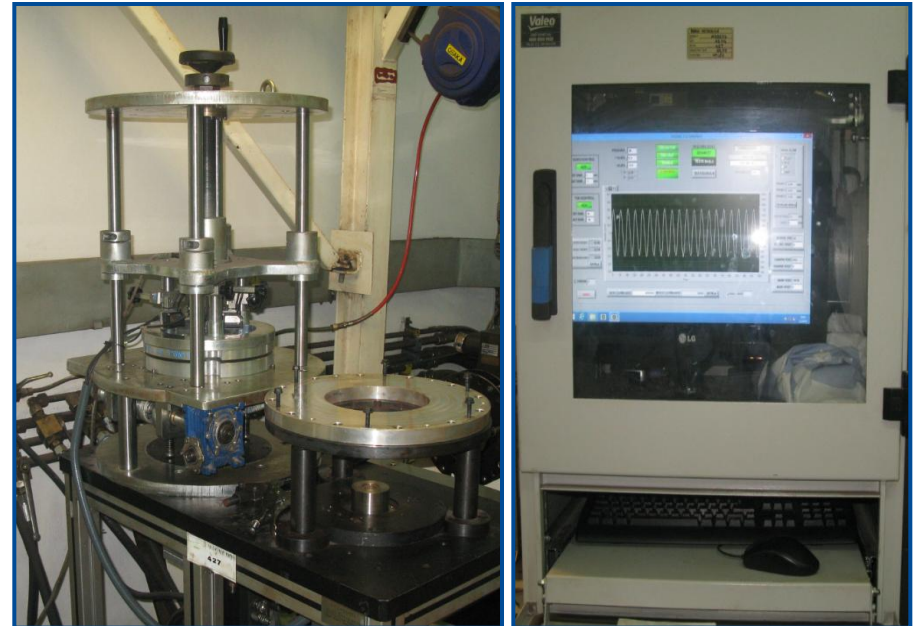
Torsional Test Benches

- Total 6 test rings,
- Torque capacity of 3 test rings: 1000 Nm
Angular movement: $\pm 50^\circ$
- Torque capacity of 2 test rings: 2000 Nm
Angular movement: $\pm 50^\circ$
- Torque capacity of 1 test ring: 8000 Nm
Angular movement: $\pm 45^\circ$



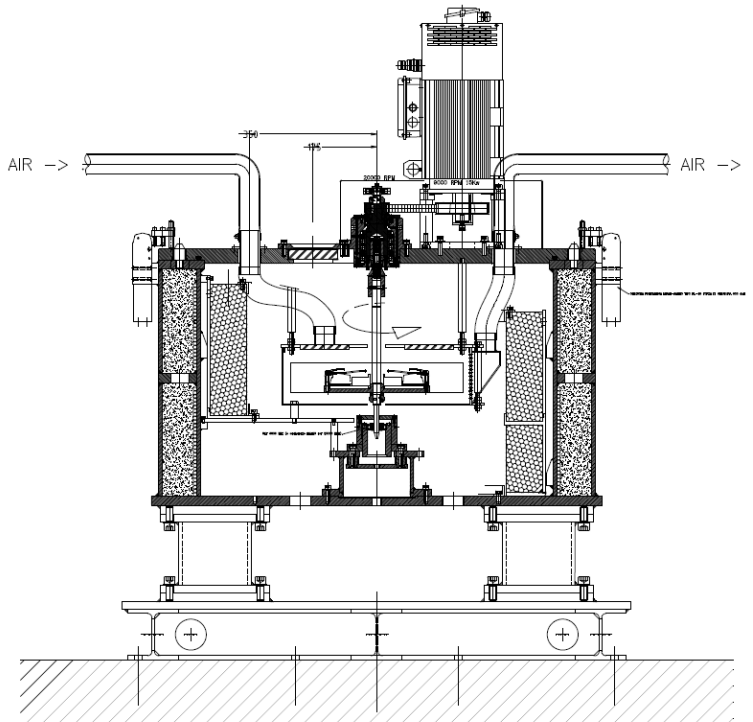
Axial Test Benches

- 4 test rings,
- Load capacity: Max. 14000N,
- Linear displacement: ± 13 mm and, ± 50 mm,



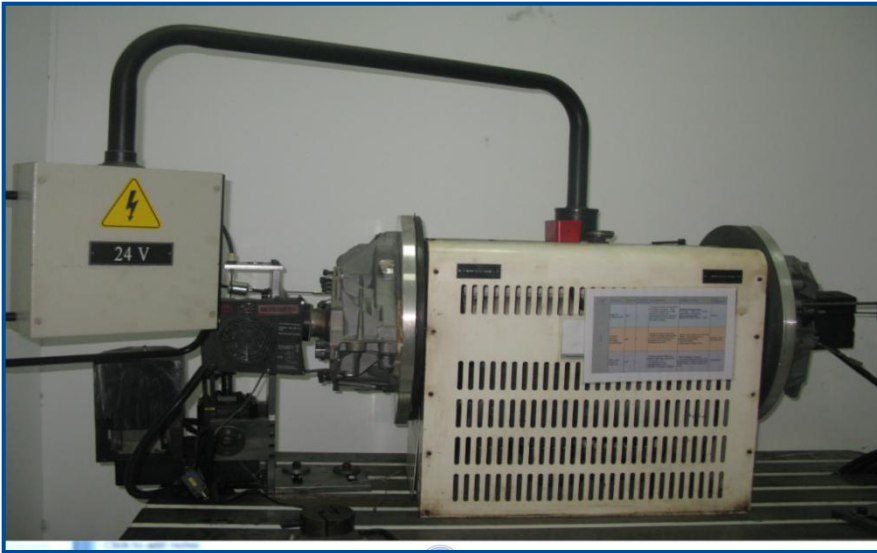
Burst Test Bench

- Max Speed: 20000 rpm,
- Clutch max weight: 50kg,
- Clutch max inertia: 1,30 Kg.m²,



- Clutch max diameter: Ø430 mm,
- Temperature: max. 250°C

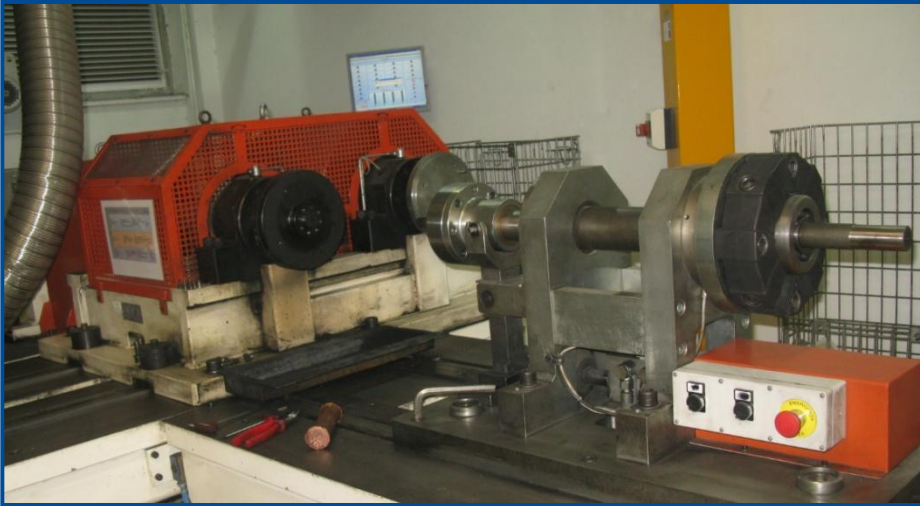
Touret Benches



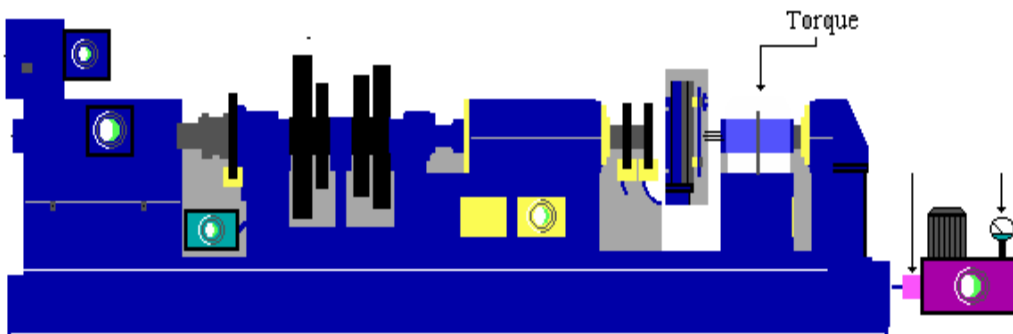
- Load capacity: Max.1000N,
- Speed: 5000rpm,



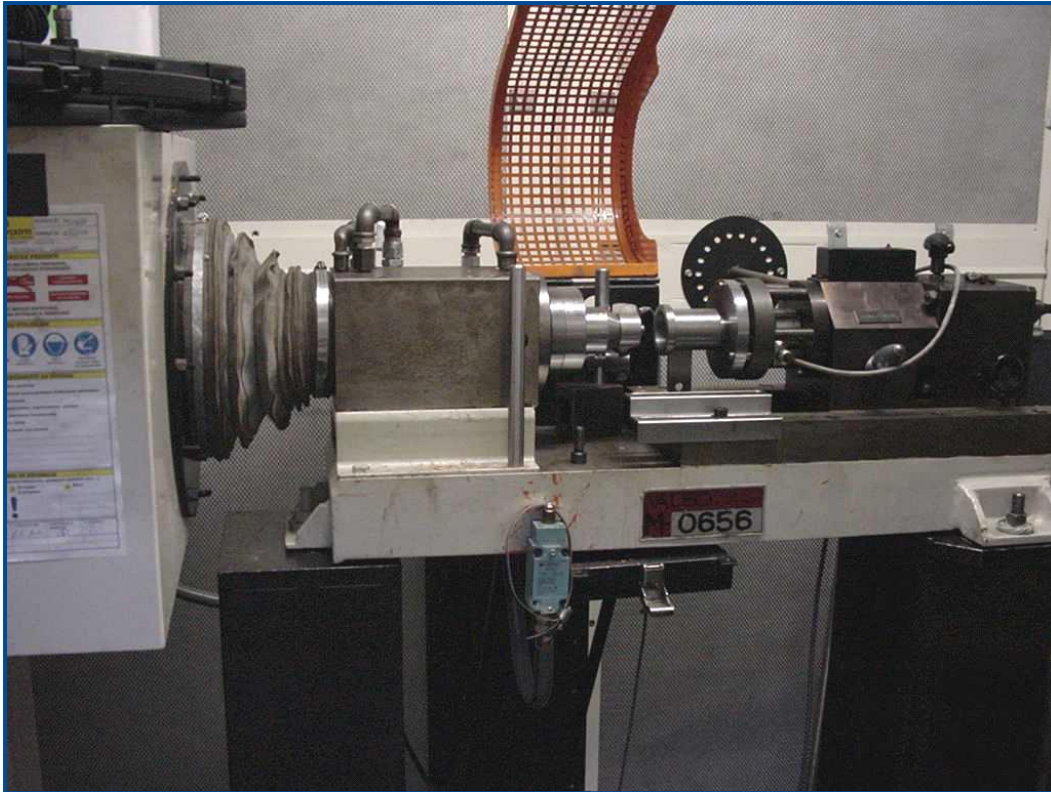
Thermal Test Bench



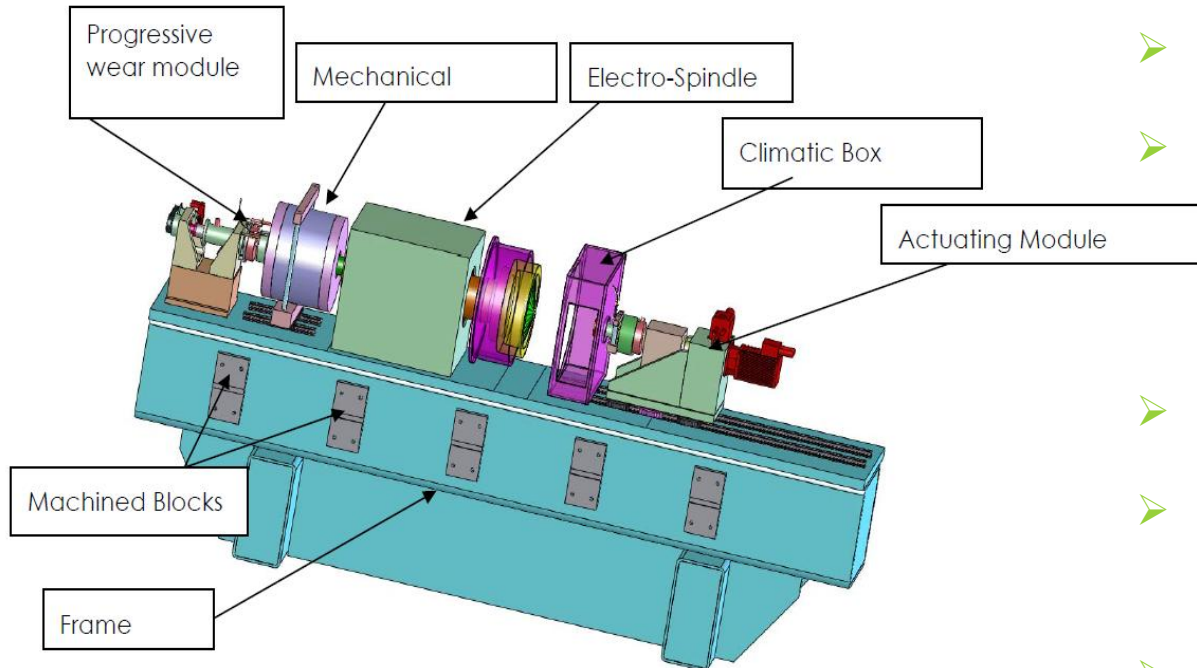
- Torque capacity: Max.1000Nm,
- Speed: 4000rpm,
- Inertia: 20Kgm² (Electrical inertia)



Bearing Noise Test Bench



M84 BUP Bench



- Max speed: 8000rpm,
- Max weight: 40kg
(Including the adaptations)
- Max inertia: 0,45Kgm²
- Max unbalance: 350
gr.mm
- Max clutch size: Ø350 mm



Automotive technology, naturally

