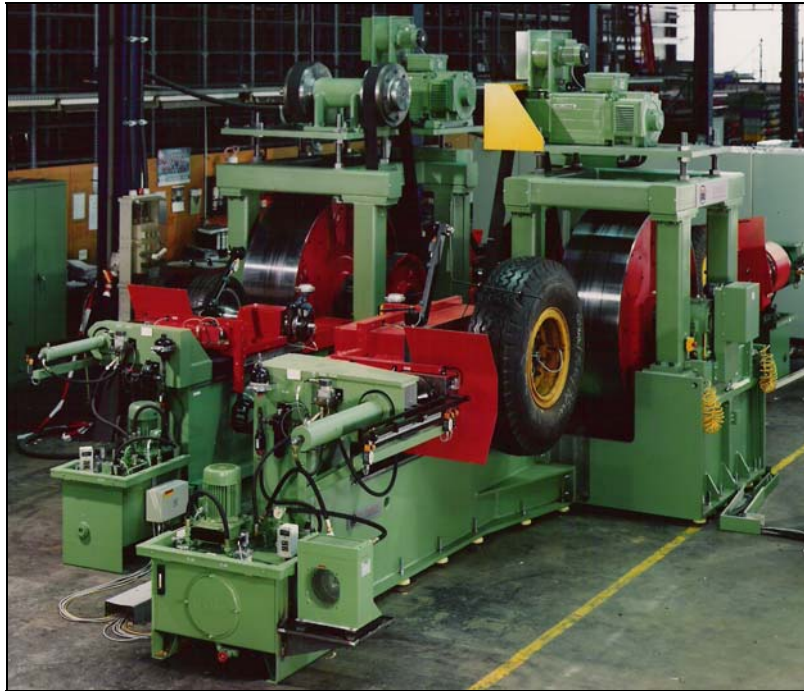


Universal Endurance Tester Passenger, Light Truck, Truck & Bus



Machine Specifications

Station 1 & 2 Passenger & Light Truck

Tire Outside Diameter Range 15.7-43.3 in (400-1100 mm)
 Loadwheel Diameter 78.7 or 67.1 in (2000 or 1707 mm)
 Loadwheel Width 19.17 in (500 mm)
 Tire Tread Width Maximum 15.7 in (400 mm)
 Tire Cross Section Width Max. 21.6 in (550 mm)
 Rim Width Range 3-17 in
 Rim Outer Diameter Range 13-39 in
 Inflation Pressure Maximum 95 psi (655 kPa)
 Test Load Maximum 11000 lbf (5000 daN)
 Test Speed Maximum 215 mph (345 km/h)
 Camber Angle Range +/- 10° (optional)
 Slip Angle Range +/- 10° (optional)

Station 3 & 4 Truck & Bus

Tire Outside Diameter Range 23.6-63 in (600-1600 mm)
 Loadwheel Diameter 78.7 or 67.1 in (2000 or 1707 mm)
 Loadwheel Width 19.17 in (500 mm)
 Tire Tread Width Maximum 15.7 in (400 mm)
 Tire Cross Section Width Max. 21.6 in (550 mm)
 Rim Width Range 6-16 in
 Rim Outer Diameter Range 16-24.5 in
 Inflation Pressure Maximum 145 psi (1000 kPa)
 Test Load Maximum 22000 lbf (10000 daN)
 Test Speed Maximum 125 mph (200 km/h)
 Camber Angle Range +/- 10° (optional)
 Slip Angle Range +/- 10° (optional)

Standard Equipment

- * Hydraulic System
- * Tire Burst Detection Unit

- * Frictionless Loadwheel Carriage
- * PLC Controller Siemens / Allen Bradley

- * Tire Elapsed Distance Measuring
- * Tire Load and Speed Measuring

Optional Equipment

- * Drum Brake
- * Machine Guards
- * Camber Assembly
- * Lateral Side Force
- * Precision Test Rims

- * Slip Angle Assembly
- * Calibration Equipment
- * Rolling Resistance Unit
- * Tire Circumference Measuring
- * Tire Inflation and Regulation Unit

- * Tire Inside Temperature Measuring
- * Tire Tread Temperature Measuring
- * Tire Ambient Temperature Measuring
- * Tire Rolling Radius and Deflection Measuring
- * Automated Data Collection System