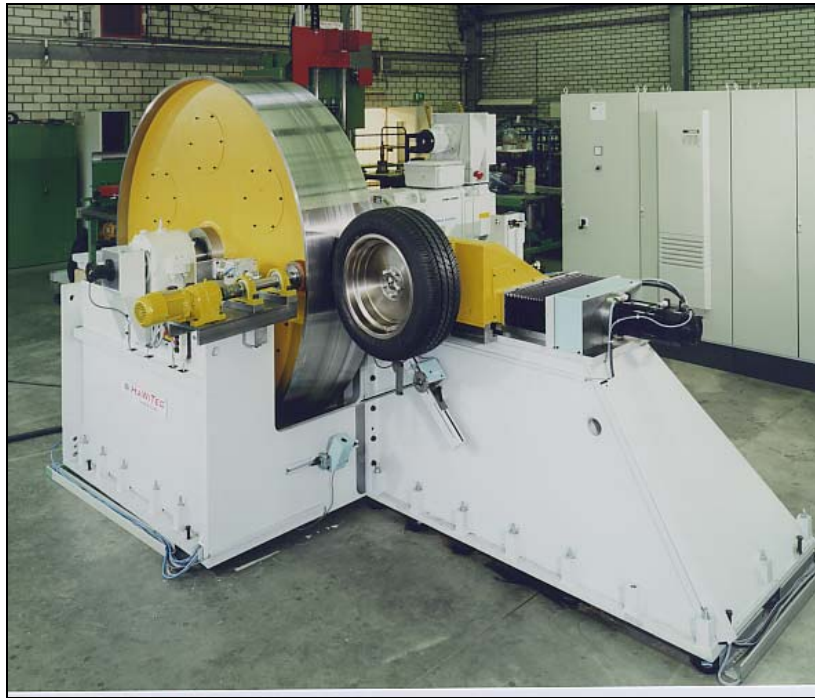


HSU-L High Speed Uniformity Lab Type



Machine Specifications

Tire Outside Diameter Range 15.7-43 in (400-1100 mm)
 Bead Diameter Range 12-24 in (304-609 mm)
 Loadwheel Diameter/Width..... 78.7 / 17.7 in (2000/450 mm)
 Tire Tread Width Maximum..... 15.7 in (400 mm)
 Inflation Pressure Maximum 95 psi (655 kPa)
 Test Load Maximum 3300 lbf (1500 daN)
 Test Speed Maximum 160 mph (260 km/h)

Measurements

* Tangential Force Fx
 * Lateral Force Fy
 * Radial Force Fz
 * Overturning Moment Mx
 * Aligning Moment Mz

* Tire Deflection
 * Tire Speed
 * Tire Rolling Radius
 * Tire Load
 * Ply Steer

Standard Features

300 Hz Natural Machine Frequency
 PLC Controlled (choose Siemens/Allen-Bradley)
 Linux or Windows User Interface

* Conicity
 * Tire Inflation Pressure
 * Tire Distance Traveled
 * Test Room Temperature

Optional Equipment

* Rolling Resistance Unit
 * Imbalance Measuring

* Precision Test Rims
 * Tire Flat Spot Measuring

* High Speed Runout Measuring
 * Tire Tread Temperature Measuring

Akron Special Machinery reserves the right to make changes in specifications shown herein, at any time without notice or obligation.