

HSU-P Tire Uniformity Machine

HIGH SPEED PRODUCTION



Machine Specifications

Tire Outside Diameter Range.....	18-35.4 in (457-900 mm)
Bead Diameter Range.....	13-19 in (13-24 in optional)
Rolling Radius Minimum.....	8 in (203 mm)
Loadwheel Diameter/Width.....	33.6/16 in (854/406 mm)
Tire Tread Width Maximum.....	15.3 in (389 mm)
Tire Section Width Maximum.....	15.7 in (399 mm)
Rim Width Range.....	3-15 in
Tire Load Range.....	0-3300 lbf (0-1500 daN)
Inflation Range.....	3-80 psi (21-552 kPa)
Tire Weight Maximum.....	100 lb (46 kg)
Test Speed Variable.....	3-100 mph (5-161 kmh)
Shipping Weight (Approx.).....	33000 lb (15000 kg)
Floor Space (Approx. with entry and exit conveyors) – LxWxH	288 x 204 x 144 in (3660 x 7315 x 5180 mm)

Standard Features

- * TIOC or MSI Controller
- * Center Belt Conveyor
- * Anti-Mischuck System
- * Variable Speed Spindle Motor
- * Precision Spindles and Bearings
- * Frictionless Loadwheel Carriage
- * Loadwheel Carriage Servo Motor
- * Quick Inflate System
- * Operator's Platform
- * Tooling Compensation Software
- * Full Locking Load Wheel Carriage

Optional Equipment

* Final Finish Host computer system for data collection, quality reporting and mixed mode process controls * Entry Conveyor with Bead Luber * Bar Code Scanner * Spindle Signature Analysis * Radial Runout/Lateral Runout Assemblies * Tire Sidewall Inspection Systems (TSIS) * Precision Test Rims * Quick Rim Change System * Loadwheel Cleaner * Marking Assemblies * Exit/Drop Conveyor * Multi-Level Sorters * CE Compliant * Calibration Equipment

PATENTS – 5291776, 5317912, 5323646, 5363698, 5845232, 6439042, 6520294, 6568258, 6578275, 6584877, 6763706, 6892612, 6931911

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

2740 Cory Avenue, Akron, Ohio 44314
Tel: (330) 753-1077 • Fax: (330) 753-7308