

X150 Tire Uniformity Machine



Machine Specifications

Tire Outside Diameter Range.....	26-60 in (660-1524 mm)
Bead Diameter Range.....	16-38 in
Rolling Radius Minimum.....	12.5 in (318 mm)
Loadwheel Diameter/Width.....	63/26 in (1600/660 mm) [63/31 in (1600/787 mm) optional]
Tire Tread Width Range.....	6-25.5 in (152-648 mm) [6-30.5 in (152-775 mm) optional]
Tire Section Width Maximum.....	27.5 in (698 mm) [32.5 in (825 mm) optional]
Rim Width Range.....	6-24 in (6-28 in optional)
Auto Adjust Width Chuck.....	0-8 in (0-203 mm)
Tire Load Range.....	0-12000 lbf (0-5340 daN)
Inflation Range.....	12-131 psi (83-900 kPa, 0.83-9 bar)
Tire Weight Maximum.....	400 lb (181 kg)
Test Speed.....	60 rpm variable
Tire Warm-up Speed.....	60 rpm (120 rpm variable optional)
Shipping Weight (Approx.).....	69000 lb (31300 kg)
Floor Space (Approx. with entry and exit conveyors) – LxWxH	320 x 201 x 188 in (8128 x 5105 x 4775 mm)

Standard Features

- * TTOC or MSI Controller
- * Center Belt Conveyor
- * Anti-Mischuck System
- * Variable Speed Spindle Motor
- * Quick Inflate System
- * Precision Spindles and Bearings
- * Loadwheel Carriage Servo Motor
- * Frictionless Loadwheel Carriage
- * Hydraulic Unit

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 * Auto Adjustable Width Chuck * Radial Runout/Lateral Runout Assemblies * Tire Sidewall Inspection Systems (TSIS) * Precision Test Rims * Quick Rim Change System * Center Grinder Assemblies * Shoulder Grinder Assemblies * Loadwheel Cleaner * Marking Assemblies * Exit/Drop Conveyor * Multi-Level Sorters * CE Compliant * Calibration Equipment

PATENTS – 5291776, 5317912, 5363698, 5323646, 5390540, 5791331, 5845232, 6431963, 6439042, 6520294, 6568258, 6578275, 6584877, 6620030, 6763706, 6773334, 6786800, 6892612, 6931911

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

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