

X150 Tire Uniformity Machine



Machine Specifications

Tire Outside Diameter Range	26-60 in (660-1524 mm)
Bead Diameter Range	16-38 in (406-965 mm)
Rolling Radius Minimum	12.5 in (318 mm)
Loadwheel Diameter/Width.....	63/26 in (1600/660 mm)
	Optional 63/31 in (1600/787 mm)
Tire Tread Width Maximum.....	25.5 in (648 mm)
	Optional 30.5 in (775 mm)
Tire Cross Section Width Maximum.....	27.5 in (698 mm)
	Optional 32.5 in (825 mm)
Rim Width Range.....	6-24 in (Optional 6-28 in)
Auto Adjust Width Chuck	0-8 in (0-203 mm)
Inflation Pressure Maximum	130 psi (900 kPa)
Test Load Maximum	12000 lbf (5340 daN)
Tire Weight Maximum	400 lb (181 kg)
Spindle Speed.....	0-105 rpm
Shipping Weight (Approx.)	67000 lb (30390 kg)
Floor Space (Approx. with entry & exit conveyors) – L x W x H	320 x 201 x 188 in (8128 x 5105 x 4775 mm)

Standard Features

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

Optional Equipment

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|-----------------------|----------------------------------|---|
| * Bar Code Reader | * Entry Conveyor with Bead Luber | * Radial Runout/Lateral Runout Assemblies |
| * Loadwheel Cleaner | * Quick Rim Change System | * Tire Sidewall Inspection System (TSIS) |
| * Multi-Level Sorters | * Auto Adjustable Width Chuck | * CE Compliance |
| * Marking Assemblies | * Precision Test Rims | * Calibration Equipment |
| * Exit Drop Conveyor | | |
- * Final Finish Host computer system for data collection, quality reporting and mixed mode (lot size 1) processing

PATENTS: 5291776, 5317912, 5323646, 5363698, 5390540, 5719331, 5845232, 6431963, 6439042, 6520294, 6568258, 6578275, 6584877, 6620030, 6763706, 6773334, 6786800, 6892612, 6931911

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