

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 (330-482 mm)
	Optional 13-24 in (330-609 mm)
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 Cross Section Width Maximum	15.7 in (399 mm)
Rim Width Range	3-15 in
Inflation Pressure Maximum	80 psi (550 kPa)
Test Load Maximum	3300 lbf (1500 daN)
Tire Weight Maximum	100 lb (46 kg)
Test Speed Maximum	100 mph (160 km/h)
Shipping Weight (Approx.)	33000 lb (15000 kg)
Floor Space (Approx. with entry & exit conveyors) – L x W x H	288 x 204 x 144 in (3660 x 7315 x 5180 mm)

Optional Equipment

* 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	* Exit Drop Conveyor	* Calibration Equipment
* Marking Assemblies	* Precision Test Rims	* CE Compliance
* Final Finish Host computer system for data collection, quality reporting and mixed mode (lot size 1) processing		

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

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