

## X100-18 Tire Uniformity Machine



### Machine Specifications

Tire Outside Diameter Range .....	23-42 in (584-1067 mm)
Bead Diameter Range .....	14-30 in (355-762 mm)
Rolling Radius Minimum .....	10 in (254 mm)
Loadwheel Diameter/Width .....	33.6/18 in (854/457 mm)
Tire Tread Width Maximum .....	17.5 in (445 mm)
Tire Cross Section Width Maximum .....	19.5 in (495 mm)
Rim Width Range .....	3-17.5 in
Auto Adjust Width Chuck .....	0-6 in (0-152 mm)
Inflation Pressure Maximum .....	100 psi (690 kPa)
Test Load Maximum .....	4000 lbf (1780 daN)
Tire Weight Maximum .....	150 lb (68 kg)
Spindle Speed .....	0-400 rpm
Shipping Weight (Approx.) .....	26000 lb (11793 kg)
Floor Space (Approx. with entry & exit conveyors) – L x W x H	283 x 163 x 138 in (7188 x 4140 x 3505 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   | * Auto Adjustable Width Chuck    | * Center Grinder Assemblies (13 in wide stone)      |
| * Marking Assemblies  | * Precision Test Rims            | * Shoulder Grinder Assemblies (7 in diameter stone) |
| * Exit Drop Conveyor  | * Calibration Equipment          | * CE Compliance                                     |
| * Final Finish Host computer system for data collection, quality reporting and mixed mode (lot size 1) processing |                                  |   |

### 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
- \* 15 HP, 34 GPM Hydraulics

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

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