

Plunger/Bead Unseat Test Machine

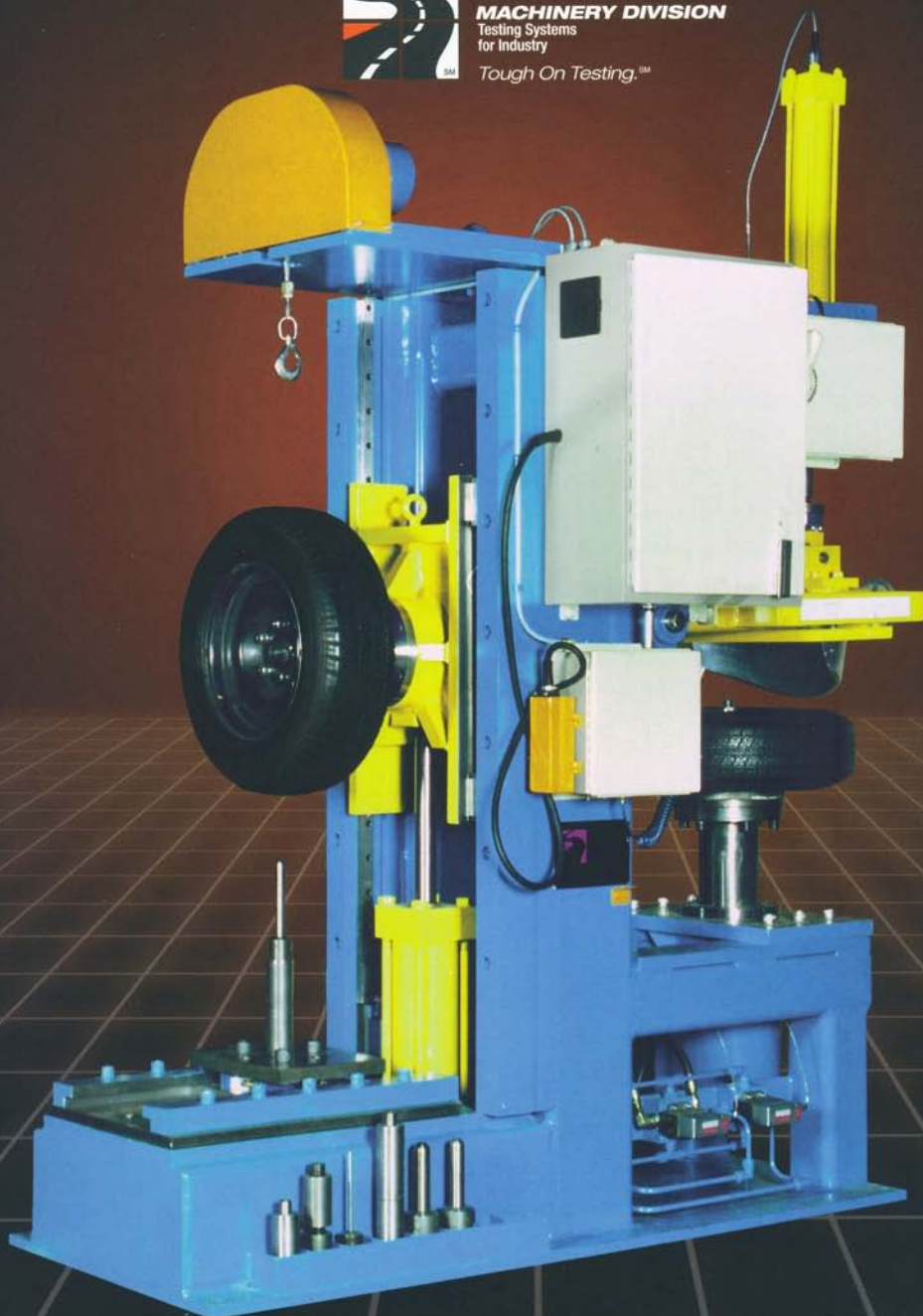


STLTM

MACHINERY DIVISION

Testing Systems
for Industry

Tough On Testing.TM



A Stand-Alone System for Testing on Passenger Car and Truck Tires.

The Standards Testing Laboratories' plunger / bead unseat test machine is a stand alone system for performing plunger or tire strength testing on passenger through heavy truck tires and bead unseat testing on passenger and light truck tires in accordance with various industry standards.

Features:

- Single frame construction with two test locations.
- Common control panel with Allen Bradley programmed logic controller (PLC).
- Operator interface panel (touch screen) for machine control.
- Master computer for test parameters, test monitoring, results analysis, and report printing.

Capabilities:

- Plunger energy of tire strength, bead unseat, load and deflection, and tire footprinting with easy tire indexing.
- Travel speed adjustable from 12 to 76 mm per minute
Accuracy for travel is +/- 2.5 mm per minute.
- Manual mode: test parameters entered through interface panel.
- Automatic mode: test parameters entered through master computer, then download to PLC.

Specifications:

Bead unseat / plunger energy	10,000 pounds
Accuracy	Plus or minus 1%
Minimum rim diameter	12 inches
Maximum tire O.D.	50 inches
Maximum tire width	20 inches
Travel speed (adjustable)	.5 to 3 inches per minute



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