

Akron Standard[®] Hot Stamp Markers

For Model D70, D70 LTX, D90 and FD90 Tire Uniformity Machines



The Akron Standard[®] Hot Stamp Marker is available in kit form and is easily retrofitted to your existing D70, D70 LTX, D90 and FD90 Tire Uniformity Machine. It features an automatically controlled heated pin used to transfer pigment from a tape to the tire sidewall. The Hot Stamp Marker is available in 1, 2, 3 and 4 Pin Models which will allow up to four marking colors at a time.

- **Meets OEM requirements for mark quality.**
- **Easy color changes.**
- **Low maintenance, non-clogging design provides 6000-8000 marks per tape roll.**
- **Supports grade marking as well as high point/conicity polarity marking with both upper and lower marker configuration.**

Fully Adjustable

The Hot Stamp Marker is adjustable in the radial and axial direction, as well as for tire tilt.

Versatile

Upper and lower marker configurations are configurable for grade marking as well as high point/conicity polarity marking. The unit supports 10 mm or 13 mm marking head pins using marking tape in 4 standard colors (red, yellow, green, & white). Custom colors are available.

Everything is Included

The kit includes the pre-assembled marker unit, mounting brackets, actuator cylinders, adjuster locks, breakaways, spare cartridge with marking tape, temperature control box with mounting bracket and cable, electrical box with test actuation switches, and pneumatic components with mounting bracket.

Machine Prerequisites

Your uniformity machine must be equipped with a spindle controller that is capable of stopping and indexing the high point of the tire.

NOTE: Lower marker configuration requires your machine to be equipped or retrofitted with a center conveyor with lower hot stamp marker opening.

Specifications

Power Requirements:	110 – 120VAC, 50/60 Hz
PLC Controller:	Requires 6 inputs & 3 outputs
Marking Head Pin Diameter:	10mm or 13mm
Marker Tilt Angle Range:	-15°to +30°
Marking Tape Width:	20mm
Marking Time per Tire:	1 to 2 seconds

Marking Locations for Model D70

7.33" Radius with Marker Tilt at 25° or 6.50" Radius with Marker Tilt at 0°

Marking Locations for Model D70LTX

8.83" Radius with Marker Tilt at 25° or 8.00" Radius with Marker Tilt at 0°

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