NEWTON

Newton Model 2010 Wheel Identification System

Newton's Model 2010 Wheel Identification Machine automatically identifies wheels by industry number, then prints and attaches a label to the barrel of the wheel. The system then stores the data in a database and/or on the plant system.

See a video of the system:
https://www.youtube.com/watch?v=xfZ_ffW9Y0w&t=7s

- Cycle time of 11 seconds per wheel.

- Training of any wheels - both steel and aluminum - is provided by the system.

- Uses a combination of Machine Vision and Laser Scanning for extremely accuracy.

- Handles both steel and aluminum wheels. They can be mixed as they are recognized by the system.

- Database can handle an unlimited number of wheels-both steel and aluminum.

- The Model 2010 operates from customer directed lists; such as 'buy' lists.

- For larger volumes, multiple machines can share a database.

- Labels are attached to the barrel of the wheel via an air system so nothing touches the wheels, helping to prevent any damage.

- Labels can be printed using a variety of 2D and 3D Barcodes and alphanumeric

Newton Model 2010 Wheel Identification System Technical Specifications

Height	6.5 feet (2 meters)
Width	36 in. (900mm)
Length	14 feet (4.3 meters)
Weight	1200 Lbs. (545 Kilo)
Construction	Steel Conveyor/Aluminum Vision/Laser box
Power	110/220 VAC 15/7.5 Amps Single Phase
Required Air	80PSI Clean Dry Air
Cycle Time	11 Seconds per wheel
Data memory / storage	Unlimited number of wheels In any format (Hollander number, SKU or other)
Output format	By customer Selection
Labels	Air Applied
Label Printing	Customer Selection Alphanumeric plus 2D or 3D Barcode
Reporting	Virtually any Customer Dictated Report
Output	Ethernet or USB

Newton Labs

Newton Labs is a Seattle area-based developer and manufacturer of machine vision, laser scanning and robotic systems. Newton's powerful, easy to use, and industrially rugged systems provide solutions for wide ranging applications in many sectors, including aerospace, automotive, bottling, electronics, medical, packaging, and nuclear among others. In 25 years Newton has deployed more than 30,000 machine vision and automation systems worldwide, many that are first-of-a-kind.

441 SW 41st St
Renton, WA 98057
www.newtonlabs.com
sales@newtonlabs.com