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**CATALOG PUBLICATION**

**NEW VISTA “FLX” THREAD STATIONS, HEADS AND UNITS**  
— For thread forming, thread gaging and thread remediation (reconditioning) —  
— For single- and multiple-spindle applications —



One of a pair of 8-spindle Thread-Verification Stations supplied for an automated thread-verification application. M12 thru thread, combined “GO”/ “NO GO” in one pass.



This Multi-spindle Head verifies thirty-nine M6 blind holes simultaneously. Compliant toolholders accommodate X-Y and angular positioning errors. Thread depths are individually set with fingerwheels, and a set of thread depth masters were supplied for this job. The parts here are automotive Cam Covers.

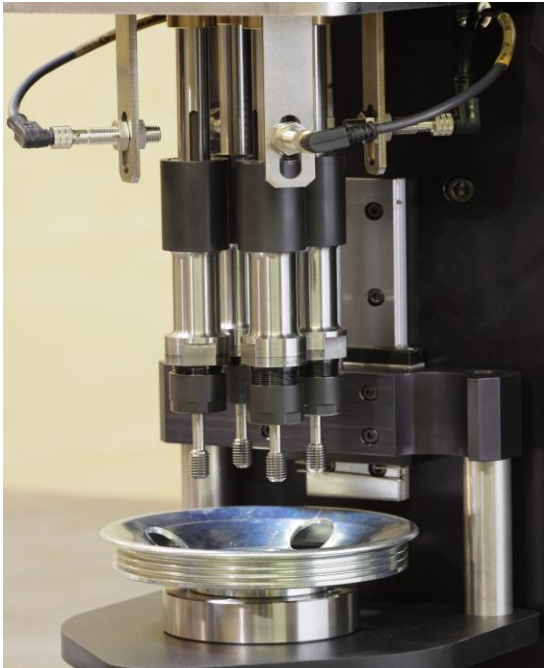
**U.S. PATENT NOS. 7,059,055 and 7,513,720**  
**CANADIAN PATENT NO. 2,521,347**  
**OTHER PATENTS ARE PENDING**

- FLX THREAD STATIONS, HEADS AND UNITS:**
- ◆ Available as single-spindle Modules, multiple-spindle Heads or complete Stations.
  - ◆ Used to form, verify or recondition threaded holes (or external threads) by engaging appropriate thread tools with various threaded features.
  - ◆ Will simultaneously form, verify or recondition threads of different sizes and pitches.
  - ◆ Spindles are set individually for different torques and thread depths.
  - ◆ Spindle Units supplied equipped with compliant toolholders — to accommodate out-of-position holes.
  - ◆ Not subject to damage from broken taps, missing or displaced holes, etc.
  - ◆ Will not jam or stick in undersize or short threads. Won't crossthread.
  - ◆ Supplied proven out for your application.

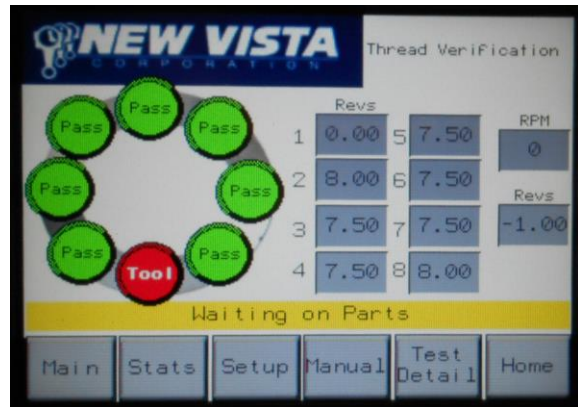
A Single-Spindle FLX Unit with powered advance, for use on automotive subframes.



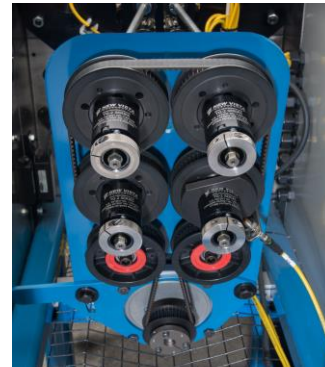
Cartridge Spindle Units, supplied for a 16-spindle installation.



A four-spindle Station, in use in a plant in India.



This color display shows the status of each threaded hole in a round pattern of eight holes.



This 4-Spindle FLX Head drives a variety of secondary changeover heads in a New Vista Model SD.

## APPLICATIONS ASSISTANCE:

- ◆ An Application Form is available from the New Vista website: <https://www.newvistacorp.com/contact/>. Fill in the blanks and send it to [main@newvistacorp.com](mailto:main@newvistacorp.com). Or you can get help by calling this U.S. telephone number: 410-342-3820, then 0, and then ask for Applications Assistance. We speak English and Spanish. A New Vista Applications Engineer will help you select the proper Thread Unit— and work with you if you need a special, or a system.