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**CATALOG PUBLICATION**

**NEW VISTA SVV THREAD SYSTEM**  
— Complete hand-guided system for thread verification, thread re-forming or thread chasing —

- Will work with both internal and external threads.
  - Verifies, re-forms or chases threads at rates up to 1,600 holes (or male threads) per hour. That's 2-1/4 seconds from one threaded feature to the next. Ask to see the videos.
  - Hole-to-hole movements are manual. The counterbalanced pantograph supplied diminishes operator fatigue, and eliminates the possibility of crossthreading.
  - The System, not the operator, determines whether the thread has been successfully verified or chased.
  - Utilizes the same patented New Vista mechanisms that are in use in New Vista-supplied installations all over the world.
  - Will run a variety of parts, both large and small. Can accommodate male or female threads of varying sizes. When equipped with one of the New Vista Quick-Change Toolholders, changing from one thread to another takes only a few seconds. Will gage or chase various thread depths without tuning in.
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- A New Vista SVV setup shown to the right. Part fixturing is simple; or, in many cases, not required at all.



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

**FEATURES:**

- ◆ Fast. For the smaller threads, hole-to-hole times of 2.5 seconds are routine.
- ◆ Foolproof. Once the threaded feature is engaged, the System, not the operator, follows the thread and decides what is good.
- ◆ Registers as rejects: short threads, no threads, undersize or oversize threads; wrong pitch threads; holes with broken taps or other obstructions.
- ◆ Utilizes standard production-proven, patented New Vista mechanisms and controls.
- ◆ Low maintenance and long tool life.
- ◆ Will inspect for "GO", "NO GO", or combination characteristics. Will re-form external or internal threads also.
- ◆ Fingertip torque control... set it, and then lock it in place.
- ◆ Depth rod feature guarantees precision verification of thread length (or depth).
- ◆ Utilizes New Vista Quick-Change Toolholders.
- ◆ Sensitive high-speed drive allows spindle to stop quickly if an obstruction is encountered.
- ◆ Will not jam or stick in undersize or short threads. Will not subject the operator, the part or the tooling to high force or torque levels...even with a thread blockage.
- ◆ Standard models available that will run threads from M3 through M30 (#4 thru 1-1/4").
- ◆ "Full Count Option" guarantees that no holes in a pattern are missed.
- ◆ Supplied tooled and proven out for your application.

## NEW VISTA THREAD SYSTEM: MODEL SVV



The electric-powered SVV shown above is equipped with a setup for palletized parts. The M4 studs (external threads) get re-formed and gaged all in one pass. This same SVV, with its convertible overhead drive train, can handle threads from M3 up to M30 (1-1/4") size.



New Vista's new **Type FP Toolholding System** will accommodate any size or depth of thread.

The **Control and Monitoring Unit** shown here is part of the System. Once the operator engages the threaded feature, the control takes over; it runs the tool to depth and it automatically reverses it out. The machine makes the decision whether the thread has been successfully verified or chased; the operator cannot override it.



## SEE SVV VIDEOS ON THE NEW VISTA WEBSITE:

- ▶ You can request more videos; inquire by email: [main@newvistacorp.com](mailto:main@newvistacorp.com). Or call this U.S. telephone number: 410-342-3820.

## 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 Thread Gage or Chasing Members — and work with you if you need a special, or a system.