NEW VISTA CORPORATION

900-D North Macon Street
Baltimore, MD 21205, USA
U.S. Tel. 410-342-3820   U.S. Fax 410-342-7324
Email: main@newvistacorp.com
Website: www.newvistacorp.com

CATALOG PUBLICATION

SEE ALSO NEW VISTA CATALOG PUBLICATION 203-033 FOR (SIMILAR) PPT MODELS

NEW VISTA SC-TYPE THREAD UNITS AND MACHINES
— Fast machines for thread resizing, thread verifying, chasing or retapping —
— Tooling available for hand-loaded or automated applications —

SCC-MN-2,
…for automotive transmission component.
● **Hand loaded.**
● **Grip-type fixturing.**
● **M16 external thread.**

Automated RSCC-MN-2
…for brake system components.
- Fully-automated application.
- Equipped with parts feeder.
- 3-second cycle.
- Good and reject parts go down separate tubes.

SCPMs are inexpensive all-mechanical SC-type machines used around the clock for thread verification and thread remediation.

SCPMs are electric motor-driven. When fully tooled, they self-reverse at depth. When supplied with a complete tooling set, you get a green light when the minimum depth objective is achieved. Torque is set with a hand knob.

SCPMs are much heavier-duty than the old style push-pull machines. And, they are much faster and they provide a lot more torque. Pushing effort is negligible.

SCPMs don't have PLCs in them, and so they don't accommodate robots or other automation.

An **SCD-MX** to verify several different Nuts. Includes adjustable fixturing and Quick-Change Toolholders. New part numbers are selected on the screen and torque values for each Nut size are preset.

Here's an SCD-MX that verifies high/low limits on tapered pipe threads. The rpm, the torque level and the thread depth are all selectable off the Touchscreen.

FEATURES:
♦ Fast. Manually-loaded floor-to-floor cycles of 3 to 4 seconds are regularly attained. Automated machines can be twice as fast.
♦ Models available that will run a large variety of internal or external, straight or tapered threads.
♦ Utilizes production-proven, patented New Vista mechanisms and controls.
♦ Low maintenance and long thread tool life.
♦ Sensitive high-speed drive allows spindle to stop harmlessly if an obstruction is encountered.
♦ Will not subject the part or the tooling to damaging force or torque levels.
♦ Will not jam or stick in undersize or short threads.
♦ Outputs are available for integrated applications.
♦ Supplied tooled and proven out for your application.

NEW VISTA SC-TYPE THREAD UNITS AND MACHINES

- **The economical way to run fast cycles in either high and low volumes.**
- **Will run a variety of parts.**
- **Available with Quick-change Toolholders and Fast-changeover Fixtures.**
- **Auto load, auto unload and auto sort options are available.**
- **Most changeovers in less than 30 seconds.**

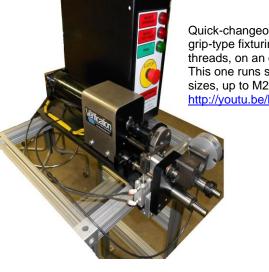| FRAME SIZES	THREAD SIZES: VERIFICATION	THREAD SIZES RECONDITIONING/CHASING
MN-2	**M3 – M10 (#4 – 3/8")**	**—**
MN-4	**M8 – M38 (5/16" – 1-1/2") & Pipe threads through 1/2"**	**M3 – M10 (#4 – 3/8")**
MN-5	**M19 – M70 (3/4" – 2-3/4") & Pipe threads through 2"**	**M6 – M25 (1/4" – 1")**
MX-5	**M14 – M90 (9/16" – 3-1/2")**	**M10 – M38 (3/8" – 1-1/2")**
MX-6	**M70 – M190 (2-3/4" – 7-1/2")**	**—**

A "**–CMB**" suffix is applied to the model number if the machine will be used for "Combination" thread applications, or for pipe thread work.

Parts that are typically run on SCDs, SCPMs AND PPTs

AN SCC-MN-4 with Grip-type Fixture, Auto-Unload and Auto-Sort Attachment

Quick-changeover powered grip-type fixturing for male threads, on an old-style SC. This one runs several thread sizes, up to M25. See http://youtu.be/kf-IqnRWLUs .

This old style New Vista SC-1 can be viewed at:

https://www.dropbox.com/s/9ysdc6klq14nt5y/VSC-1.avi?dl=0 .
The operator there is verifying four threaded holes – two different thread sizes and three different thread depths – all in 20 seconds.

APPLICATION 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. Or you can get help by calling this U.S. number: 1-410-342-3820, 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-Verification Unit and accessories — and work with you if you need a special, or a system.