

ALM American Linear Manufacturers

ALM proudly announces **NEW INDUSTRIAL GRADE SR** Series motor ready linear positioning stages. Stages feature stroke lengths up to 60 inches, loads to 10,000 pounds, and speeds to 60 second, as standard. **APPLICATIONS** include Vision Inspection / Measurement, Automated Component Positioning / Handling, Tooling Fixtures, Laser Positioning / Welding, Component Machining, Adhesive / Fluid Dispensing.

SR SERIES stages feature high rigidity and moment loading, torsional stiffness, minimal noise and vibration, long life, and extended lubrication intervals. Widest selection of sizes, configurations, accuracy grades, motor mounts, materials, and options in the industry, many directly from stock. **OPTIONS** available include optical or mechanical home / end-of-travel limit switches, protective bellows / covers, clean room / vacuum / food grade prep, linear encoders, parallel motor mounting, and more.

SR SERIES stages include (4) row, caged, stainless steel, recirculating ball linear bearing technology, cast aluminum tool and jig plate with electroless nickel plating, application specific screw assemblies (ball / lead, rolled / ground, preloaded nuts, coated, ect.), precision spindle bearings, NEMA motor mounts, servo grade couplings, locking stainless steel threaded inserts, and standard metric bolt hole patterns.

ALM SR SERIES offers design and automation professionals a cost effective alternative to our ultra precision crossed roller technology stages. Application specific **CUSTOM** designs our specialty. Expert applications engineering staff. Visit our website at www.americanlinear.com. CAD drawing files available for immediate download.

STANDARD SIZE PROFILES

- SR1** Series: 1.18 (30mm) width x 0.87 (22mm) height. Travels to 06 (150mm)
- SR2** Series: 2.36 (60mm) width x 1.26 (32mm) height. Travels to 12 (300mm) *
- SR3** Series: 2.36 (60mm) width x 1.57 (40mm) height. Travels to 20 (500mm)
- SR4** Series: 3.54 (90mm) width x 1.57 (40mm) height. Travels to 20 (500mm)
- SR6** Series: 5.91 (150mm) width x 2.36 (60mm) height. Travels to 36 (900mm)
- SR8** Series: 7.87 (200mm) width x 3.94 (100mm) height. Travels to 63 (1600mm)

* Ask about our **NEW** 35mm wide x 26mm high single rail stage. Strokes to 22 (550mm)!!!!

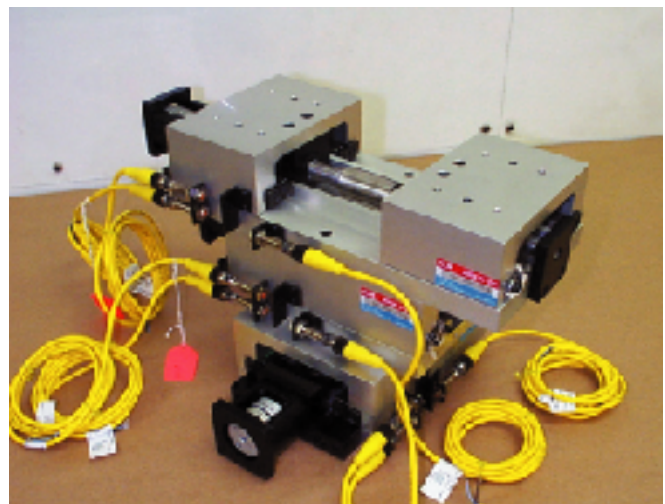
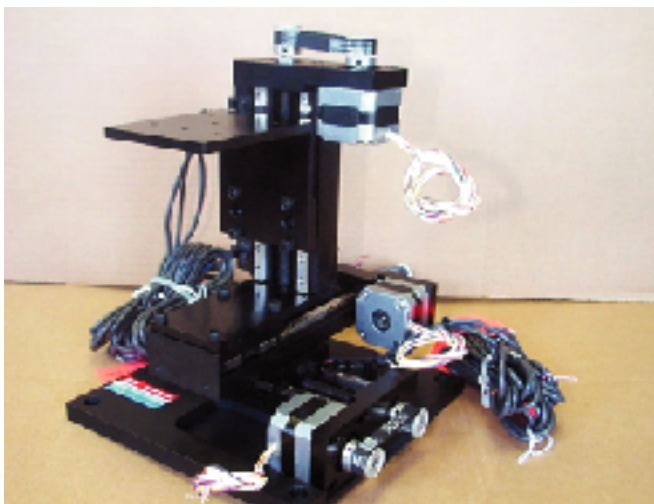
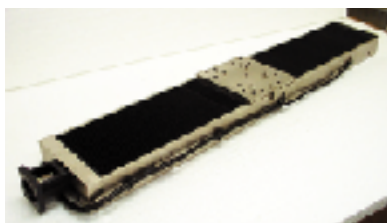


TABLE OF CONTENTS



2 – 3SR1

1.18 (30mm) width x 0.87 (22mm) height. Travels to 06 (150mm)



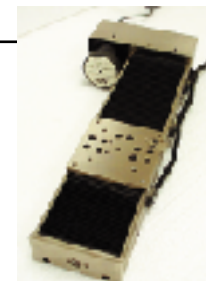
4 – 5SR2

2.36 (60mm) width x 1.26 (32mm) height. Travels to 12 (300mm)



6 – 7SR3

2.36 (60mm) width x 1.57 (40mm) height. Travels to 20 (500mm)



8 – 9SR4

3.54 (90mm) width x 1.57 (40mm) height. Travels to 20 (500mm)



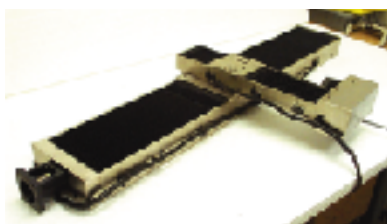
10 – 11SR6

5.91 (150mm) width x 2.36 (60mm) height. Travels to 36 (900mm)



12 – 13SR8

7.87 (200mm) width x 3.94 (100mm) height. Travels to 63 (1600mm)



14 – 15Engineering Considerations

Technical Glossary, Terminology, and Application Notes

16Stage Options

Listing, Descriptions, and Ordering data for available stage accessories

17How To Order

Stage Part Number Ordering Logic

See How To Order On Page 17