ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Newport 435* at our website: ***Click HERE***

Extended Platform Crossed-Roller Bearing Stages



426 shown with SM-25 and 436 shown with SM-50 . Order actuators separately.

Our 426/436 Series extended platform crossed-roller bearing linear translation stages feature extra large and apertured platforms, translated by crossed-roller bearings running on ground steel V-ways for optimal motion while supporting a high load capacity. Preloaded springs eliminate actuator backlash and support the linear motion of these stages with <150 µrad deviation.

- Oversized platform with center aperture for large mounting area
- Crossed-roller bearings for smooth, sensitive translation of large loads
- Compatible with manual and motorized actuators
- Reconfigurable for left- or right-hand applications
- Extensive interferometric quality testing

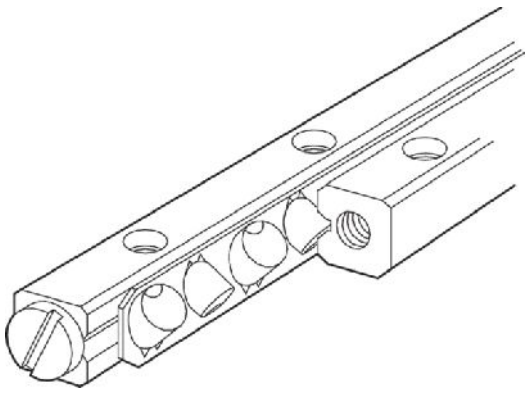
Ordering Information

Compare	Model	Drawings, CAD & Specs	Availability	Price
 (/p/426)	**426 (/p/426)** Low-Profile Crossed-Roller Bearing Linear Stage, 1 in. Travel, 1/4-20		**In Stock**	**$470.00**
 (/p/426A)	**426A (/p/426A)** Low-Profile Crossed-Roller Bearing Stage, Aperture, 1 in., 1/4-20		**In Stock**	**$490.00**
 (/p/436)	**436 (/p/436)** Low-Profile Crossed-Roller Bearing Linear Stage, 2 in. Travel, 1/4-20		**In Stock**	**$659.00**
 (/p/436A)	**436A (/p/436A)** Low-Profile Crossed-Roller Bearing Stage, Aperture, 2 in., 1/4-20		**In Stock**	**$684.00**
 (/p/M-426)	**M-426 (/p/M-426)** Low-Profile Crossed-Roller Bearing Linear Stage, 25.4 mm Travel, M6		**In Stock**	**$470.00**
 (/p/M-426A)	**M-426A (/p/M-426A)** Low-Profile Crossed-Roller Bearing Linear Stage, Aperture, 25.4 mm, M6		**Quote**	**$490.00**
 (/p/M-436)	**M-436 (/p/M-436)** Low-Profile Crossed-Roller Bearing Linear Stage, 50.8 mm, M6		**In Stock**	**$659.00**
 (/p/M-436A)	**M-436A (/p/M-436A)** Low-Profile Crossed-Roller Bearing Linear Stage, Aperture, 50.8 mm, M6		**Quote**	**$684.00**

Features

Crossed-Roller Bearings For High Load Capacity Over Longer Travel Ranges

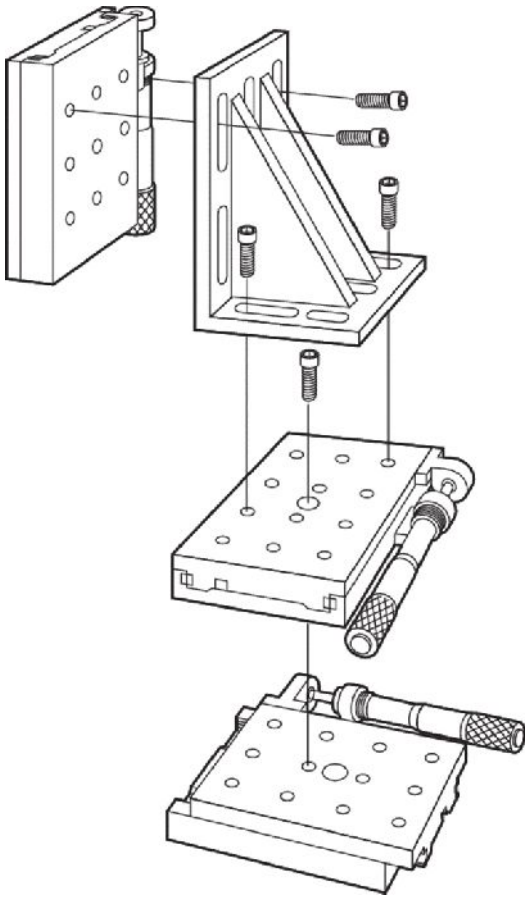
With the additional mounting area on the 426/436 long-rage stages, crossed-roller bearings are used to provide a higher center load capacity while maintaining smooth travel over the entire 1 or 2 in travel. Actuators are spring supported for minimal backlash and achieve <150 µrad deviation, all of which is verified and assured by Newport's Interferometric Quality Assurance Facility.



Preloaded crossed-roller bearings provide repeatable, zero stick-slip linear motion with negligible side-play. The roller strips hold cylindrical rollers alternately inclined 90° to assure constant linear contact with the

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

hardened and ground ways.



Models 360-90 and 360-30 can be used to make long-travel XYZ stages using linear stages like our Models 423 , 433 , 443 , 426 , or 436 .

Build Multi-Axis Stage Stacks

The stages are easily stacked and may also be combined with our Model 360-90 Angle Bracket for multi-axis translation. A non-influencing lock secures travel of each stage. The mounting area features an array of 1/4-20 or M6 tapped holes on either a solid platform, or one with a 2 in diameter aperture (Models 426A and 436A), which is un-obscured over 0.625 in. (16 mm) of travel.

Aperture Versions

We offer versions of these stages with an aperture in the center of the mounting plate. The Model 426A is shown with an SM-25 actuator which is ordered separately.



Compatible With Manual or Motorized Actuators

These stages are sold without actuators, allowing you to customize the translation for your desired precision. Actuators can be easily and quickly interchanged for any necessary adaptations after installation. Adjustment screws, Vernier micrometers, differential micrometers, and motorized actuators all fit the stainless steel actuator mounts on these stages in either a left- or right-handed configuration.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Accessories

	Compare	Description	Avail.	Price
 (/p/AB-3)	**AB-3 (/p/AB-3)**	Actuator Mounting Block, Spare, 423/433/443 Stages	**In Stock**	**$19.50**
 (/p/AB-4)	**AB-4 (/p/AB-4)**	Actuator Push Block, Spare, 423/433/443 Stages	**In Stock**	**$20.50**
 (/p/AJS100-1)	**AJS100-1 (/p/AJS100-1)**	Precision 100 TPI Adjustment Screw, 25.4 mm, Small Knob, Side Lock	**In Stock**	**$28.00**
 (/p/AJS100-2)	**AJS100-2 (/p/AJS100-2)**	Precision 100 TPI Adjustment Screw, 50.8 mm, Small Knob, Side Lock	**In Stock**	**$31.00**
 (/p/DM-13L)	**DM-13L (/p/DM-13L)**	Lockable Differential Micrometer, 13 mm Coarse, 0.2 mm Fine, 11 lb.	**In Stock**	**$510.00**
 (/p/DM-25L)	**DM-25L (/p/DM-25L)**	Lockable Differential Micrometer, 25 mm Coarse, 0.2 mm Fine,11 lb. Load	**In Stock**	**$537.00**
(/p/HR-13)	**HR-13 (/p/HR-13)**	High Resolution Micrometer, 0.5 µm Sensitivity, 13 mm Travel	**In Stock**	**$158.00**
 (/p/LTA-HS)	**LTA-HS (/p/LTA-HS)**	High Speed LTA Motorized Actuator, 50 mm travel, LTA, 3/8-40 thread	**2 Weeks**	**$1,745.00**
 (/p/PZA12)	**PZA12 (/p/PZA12)**	NanoPZ Ultra-High Resolution Actuator, 12.5mm Travel	**In Stock**	**$1,051.00**
 (/p/SM-13)	**SM-13 (/p/SM-13)**	Vernier Micrometer, 13 mm Travel, 9 lb Load Capacity, 50.8 TPI	**In Stock**	**$72.00**
 (/p/SM-25)	**SM-25 (/p/SM-25)**	Vernier Micrometer, 25 mm Travel, 23 lb Load Capacity, 50.8 TPI	**In Stock**	**$112.00**
 (/p/SM-50)	**SM-50 (/p/SM-50)**	Vernier Micrometer, 50 mm Travel, 23 lb Load Capacity, 50.8 TPI	**In Stock**	**$211.00**

	Compare	Description		Avail.	Price
 (/p/TRA25CC)	**TRA25CC (/p/TRA25CC)**	Miniature Motorized Actuator, 25 mm Travel, DC Servo Motor	**In Stock**	**$763.00**	

Related Products









(/p/39)



(/f/481-high-performance-rotation-stages)



(/f/30-45-90-degree-angle-brackets-360-series)

Support: (877)835-9620 (tel:(877)835-9620) **Hours:** Monday - Friday, 5am - 5pm PST **Contact Us (/contact-us)**

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP