



## NOOK INDUSTRIES INTRODUCES NRS PLANETARY ROLLER SCREW ASSEMBLIES

NOOK NRS PLANETARY ROLLER SCREWS PROVIDE  
PRECISE LINEAR MOTION FOR DEMANDING APPLICATIONS

Cleveland, OH – August 24, 2004

Nook Industries, a leading manufacturer of linear motion control systems and components, announces the availability of NRS Planetary Roller Screw Assemblies for the most demanding and precise linear motion applications.

The introduction of Nook Roller Screw Assemblies leverages Nook engineering expertise with a device that offers multiple advantages and reliability when compared with other lead screw assemblies. NRS Roller Screw high efficiency and shallow lead designs provide very high axial resolution (small axial movement) with a multitude of contact points for carrying large loads. NRS Roller Screws provide high rotational speeds with faster acceleration without adverse effects.



“Nook NRS Roller Screws are remarkable devices for solving a large spectrum of applications,” says Ron Domeck, President of Nook Industries. “High static load capacity with small leads, high linear speeds, high linear and angular acceleration in a single assembly offer a solution unmatched by other lead screw designs. Roller Screws keep operating under shock loads and adverse environmental conditions even with poor lubrication conditions and after ingesting ice and sand.”

NRS assemblies feature nuts with threaded rollers instead of bearing balls as rolling elements. Nuts are available with an integral flange or as a cylindrical nut in a split preloaded or one-piece solid non-preloaded design. Custom travel lengths and accessories, including precision end machining, locknuts and EZZE-MOUNT™ bearing support blocks are available.

2D and 3D models of Nook products — including ActionJac™ ILA Cylinders, ActionJac™ Worm Gear Screw Jacks, ActionJac™ Electric Cylinders, MiniLift™ Linear Actuators, MM Slide™ Systems, PowerTrax™ Linear Bearings, Pillow Blocks and Slide Systems, PowerAc™ Acme Screw Assemblies, PowerTrac™ Ball Screw Assemblies, End Machining & EZZE-MOUNT™ End Bearing Supports — in all major CAD formats, including AutoCAD®, SolidWorks®, CATIA® and Pro/E®, are available for download at: [www.nookindustries.com](http://www.nookindustries.com).

### Website Links for [nookindustries.com](http://www.nookindustries.com)

Ball Screw Assembly Product Information: <http://www.nookindustries.com/ball/BallAssemblies.cfm>.

Acme Screw Assembly Product Information: <http://www.nookindustries.com/acme/AcmeAssemblies.cfm>.

2D and 3D CAD Models: [http://www.nookindustries.com/CadModels/Nook\\_eCatalog.cfm](http://www.nookindustries.com/CadModels/Nook_eCatalog.cfm)

### For more information please contact:

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### About Nook Industries

Nook Industries is a leading manufacturer of linear motion components and linear control systems that are used in a multitude of applications requiring controlled, straight-line movement. Founded in 1969, Nook Industries designs and manufactures innovative solutions for industrial applications involving precise lifting and/or positioning. Many of the world's leading manufacturers in industries ranging from transportation, medical/diagnostics, and paper to chemical, food/beverage, and communications rely on Nook products for tooling and product design. Headquartered in Cleveland, Ohio, Nook Industries is committed to quality, emphasizing continuous improvement, defect prevention, and the use of statistical methods and consistent training to ensure the quality of its products. For additional information, visit the Nook website at [www.nookindustries.com](http://www.nookindustries.com) or call 1-800-321-7800.

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