

List of Exlar Applications

Application Name	Publication	First Date of Publication
Hydraulic cylinder replacement	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Pneumatic cylinder replacement	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Ball screw replacement	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Animatronics	<i>Machine Design Magazine Article</i>	13-Dec-01
Automated assembly	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Automated flexible fixturing	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Automatic tool changers	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Bending	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Broaching	Application Bulletin 1003, Broaching	1-May-97
Cam Replacement	Application Bulletin 1006, Cam Replacement	1-May-97
Chip and wafer handling	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Clamping	Exlar Product Catalog; PN 950008/5M/10.01	1-Oct-01
Clean Room Applications	Exlar Product Catalog; PN 950008/5M/10.01	1-Oct-01
Conveyor diverters / gates	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Cut-offs	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Die cutters	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Dispensers	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Elevator Lifts	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Entertainment	EXLAR CORPORATION 2000 PRODUCT CATALOG; PN 13356	12-Jan-99
Fastening/Joining	Exlar Product Catalog; PN 950008/5M/10.01	1-Oct-01
Fillers	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Formers	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Glass Manufacturing	Application Bulletin 1008, Glass Bottle Manufacture	1-May-97
Indexing stages	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Injection Mold Core Pulling	Application note "All Electric Core Pull"	7-Mar-05
Level Winding	Application Note "Traverse Winding"	7-Mar-05
Lifts	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Load Cells Embedded in Electric Actuators	Application note 'Force Sensing Actuators'	20-Apr-06
Machine tool	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Material cutting	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Material handling	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Medical equipment	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Molding	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Open / close doors	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Packaging machinery	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Parts clamping	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Pick and place systems	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Plastics Equipment	Exlar Product Catalog; PN 950008/5M/10.01	1-Oct-01
Precision grinders	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Precision valve control	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Pressing	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Process Control	EXLAR CORPORATION 2000 PRODUCT CATALOG; PN 13356	12-Jan-99
Product sorting	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Pumping	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Riveting	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Robotics	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Robot manipulator arms	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Sawmill Applications	Application Note 'Oil Free Hydraulic'	7-Mar-05
Semi-conductor processing	Exlar Product Catalog; PN 950008/5M/10.01	1-Oct-01
Simulators	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94

Stamping	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Tension control	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Test stands	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Thermo-forming	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Toggle press Control	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Tube Bending	Exlar Product Catalog; PN 950008/5M/10.01	1-Oct-01
Ventilation Control Systems	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jul-96
Volumetric pumps	EXLAR GS45 LINEAR ACTUATOR Specification; PN 10142	1-Dec-94
Web Control	Exlar Product Catalog; PN 950008/5M/10.01	1-Oct-01
Web guidance	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Welding	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Wire winding	Product Specifications - GS Series Linear Actuators; PN 10477	1-Jan-96
Valve Control	Application Note "Tritex Series Electric Servo Valve Actuator"	1 Dec 06
Turbine Control	Application Note "Servo Electric Turbine Valve Actuator"	1 Dec 06
Pressing/Fastening	Product Specifications – 2 Axis Pressing Actuators; PN 30429	7 Sept 06