



# PRODUCT LINES Manufacturer Guide



**T-Slotted Aluminum Extrusion**  
Machine Framing & Guarding,  
Material Handling, Workstations,  
Ergonomics, & DIY



**Traditional Industrial Robotics**  
Articulated Robots, Delta Robots,  
SCARA Robots, Paint Robots,  
Controllers, & Accessories



**Shock Absorbers & Gas Springs**  
Automation Control, Motion  
Control, Vibration Control, &  
Safety Products



**3D Robotic Vision Solutions**  
Bin Picking, Robotic Guidance,  
Assembly, Machine Tending,  
Sorting, & Packaging



**Linear Slides**  
Linear Slides with Belt Drives,  
Spindle Drives, Rack & Pinion  
Drives, & Linear Motor Drives



**Sensing & Connectivity**  
Sensors, RFID, IO-Link,  
Condition Monitoring, Quality  
Assurance, & Smart Automation



**AC/DC Gearmotors & Drives**  
AC/DC Motors, Parallel Shaft  
Gearmotors, Right Angle  
Gearmotors, & Controls



**Inspection LED Lighting**  
Ring Lights, Bar Lights, Flat  
Lights, Pattern Lights, Dome  
Lights, & Strobe Lights



**Linear Motion Control**  
Electric Linear Actuators, Heavy  
Duty Roller Screws Actuators, &  
Grooved Roller Bearings



**Encoders & Resolvers**  
Incremental Encoders,  
Absolute Encoders, Rotary  
Encoders, & Resolvers



**Plastic Tubing**  
Custom Plastic Tubing,  
Polyurethane Tubing, &  
Polyethylene Tubing



**Electric Safety Devices**  
Panel Interface Connectors &  
Permanent Electrical Safety  
Devices



**Servo Actuators & Gearheads**  
Rotary Actuators, Gear Units,  
Servo Mount Gearheads, &  
Miniature Products



**Industrial Valves**  
Ball Valves, Balancing Valves,  
Butterfly Valves, & Actuation  
Valves



**Vacuum Handling**  
Standard & Custom Foam  
Vacuum Grippers & Wood Gantry  
Stacking Systems



**Traditional Industrial Robots**  
Light Duty Robots, General  
Purpose Robots, Heavy Duty  
Robots, & Palletizing Robots



**Servo & Stepper Motion Control**  
Servo Motion Systems, Servo  
Motors & Drives, & Stepper  
Motors & Drives



**Safety Sensors**  
Switching & Measuring Sensors,  
Safety Scanners, Light Curtains,  
& Safety Relays & Controls



**Connectivity Solutions**  
Industrial & Control Cables,  
Cable Assemblies, Electrical  
Cabinet Wiring & Cooling Systems



**Linear Motors & Systems**  
Linear Motors, Linear Guides, &  
Modules, Linear Rotary Motors, &  
Servo Drives



**3D Scanning & Inspection**  
3D Point & Line Profilers, 3D  
Snapshot, Line, & Multipoint  
Sensors, & 3D Confocal Sensors



**Pneumatic & Fluid Valves**  
Bullet Valves, Liquid Valves, Pulse  
Valves, MI/O-67 Fieldbus, &  
Hazardous Location Valves



**Control Cabinet Solutions**  
Terminal Blocks, Relays, Power  
Supplies, Interfaces, I/O  
Systems, & Connection



**Gearboxes**  
Precision Reduction Gears,  
Positioner Units, Gearheads, &  
Actuators



**Linear Motion Solutions**  
Ball Screws, Acme Screws,  
Planetary Roller Screws, &  
Linear Actuators



**Measurement Solutions**  
Pressure Gauges, Pressure  
Transducers & Transmitters, &  
Pressure Switches



**Stepper Motion Systems**  
Integrated Stepper & Hybrid  
Stepper Motors, Drives, &  
Controllers



**Cobot Grippers & Solutions**  
Two & Three Finger Electric  
Grippers, Palletizing Grippers, &  
Vacuum Grippers



OPTO ENGINEERING

### Machine Vision Components

Telecentric, Fixed, & Macro Lenses, LED Illuminators, & Custom Lighting



### Pneumatic Connection

Push-In Fittings, Quick Couplings, Piping Systems, & Technical Tubing & Hosing



### Visual & Audible Signaling

Wall Mount Signal Towers, Network Signal Towers, IO-Link Signal Towers, & Signal Beacons



### Pneumatic & Electric Actuators

Pneumatic Cylinders & Slides, Electric Actuators, Parallel & Angular Grippers, & Clamps



### Control Cabinet Components

Terminal Blocks, Relays, Power Supplies, Safety Controls, PLCs, & Connectivity



### Vacuum Technology

Vacuum Pumps & Ejectors, Suction Cups, Cobot Grippers, Palletizing Grippers, & EOAT



### 3D Robotic Vision Solutions

Bin Picking Random Parts & Sheet Metal, Depalletizing, Surface Treatment, & Assembly



### Industrial HMIs & PCs

HMIs, Industrial PCs, Web HMIs, Flat Panel Monitors, Software, & Data Collection Devices



### Conveyors

Industrial/Automation Conveyors, Modular Plastic Chain Conveyors, & Washdown Conveyors



### Solutions for Collaborative Robots

Palletizing, Machine Tending, & Screwdriving Solutions, Electric & Vacuum Grippers, & Sensing



### Stepper Motion Systems

Stepper Motors, Stepper Drives, Motion Controllers, AC Servo Systems, & Planetary Gearboxes



### Couplings

Bellows Couplings, Servo Disc Couplings, Elastomer Couplings, & Safety Couplings



### Modular Machine Guarding

Modular Perimeter Guards, Robot Cell Guarding Solutions, & Hygienic Guarding Solutions



### Safety Switches & Sensors

Safety Scanners, Light Curtains, Controls & Relays, Proximity Sensors, & Switches



### Machine Vision Lighting

Ring Lights, Backlights, Dome Lights, Bar/Linear Lights, & Specialty Lights



### Mounting Solutions

Mounts, Machine Guarding, End-of-Arm Tooling, Safety, & Robotic Accessories



### Vacuum Lifting Systems

Vacuum Lifters, Mobile Vacuum Lifters, Lifting Trolleys, Crane Systems, & Container Unloaders



### Imaging Systems & Components

Area & Line Scan Cameras, 3D Profiling Sensors, Frame Grabbers, & Vision Systems



### Linear Motion Components

Electric Linear Actuators, Linear Motion Systems, Ball Screws, & Linear Bearings & Rails



### Motion Control Solutions

Motion Controllers, CAN & EtherCAT I/O, & Servo Drive & Motor Systems



### Collaborative Robots

Compact Cobots, Lightweight Cobots, Medium-Sized Cobots, & Heavy Payload Cobots



### Air Preparation Products

Particulate Filters, Coalescing Filters, Afterfilters, Regulators, & Lubricators



### Assembly Robots

SCARA & Cartesian Robots, High Speed Pick & Place Robots, & Linear Conveyor Modules



### Machine Vision & Scanning

Fixed & Handheld Barcode Scanners, Machine Vision Cameras, Vision Controllers, & Frame Grabbers



## Automation Products and Solutions for Your Application.

### AUTOMATED SOLUTIONS GROUP

NEFF's Automated Solutions Group is a dedicated team of in-house electrical, pneumatic, and mechanical technicians and project designers that combines our products into complete solutions based on your unique application:

Robotic solutions, vision inspection, machine control, structural, pneumatics, and motion control

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