



# PRODUCT LINES

Manufacturer Guide



**80/20**  
BUILD YOUR IDEA

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



**Industrial Computing**

Industrial PCs, Display Systems,  
Flash & Memory Solutions,  
Motherboards, & Wireless



**3D Robotic Vision Solutions**

Bin Picking, Robotic Guidance,  
Assembly, Machine Tending,  
Sorting, & Packaging



**Motion Control Solutions**

Stepper, StepServo, & Servo  
Motors & Drives, Gearheads, &  
Accessories



**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



**Inspection LED Lighting**

Ring Lights, Bar Lights, Flat  
Lights, Pattern Lights, Dome  
Lights, & Strobe Lights



**Encoders & Resolvers**

Incremental Encoders,  
Absolute Encoders, Rotary  
Encoders, & Resolvers



**Plastic Tubing**

Custom Plastic Tubing,  
Polyurethane Tubing, &  
Polyethylene Tubing



**Planetary Gearboxes**

Planetary Reducers, & Rack &  
Pinion Solutions



**Servo Actuators & Gearheads**

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



**Pneumatic & Electric Actuators**

NFPA Cylinders, Electric  
Actuators, Stainless Steel  
Cylinders, & Hydraulic Cylinders



**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



**Cobot Grippers & Solutions**

Two & Three Finger Electric  
Grippers, Palletizing Grippers, &  
Vacuum Grippers



**Machine Vision Components**

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



**Pneumatic Connection**

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



**Pneumatic & Electric Actuators**

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



### Vacuum Technology

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



ROBOT VISION MADE EASY

### 3D Robotic Vision Solutions

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



by Schneider Electric

### 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



Look Ahead!

### Stepper Motion Systems

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



Modular Machine Guards

### Modular Machine Guarding

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



### Machine Vision Lighting

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



INTELLIGENTLY DESIGNED

### 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



Everywhere you look

### Imaging Systems & Components

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



Linear Motion. Optimized.

### Linear Motion Components

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



MOTION TECHNOLOGY

### Motion Control Solutions

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



### Air Preparation Products

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



ROBOTICS

### 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

Click to learn more about each manufacturer!



## 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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