



Productivity Solutions for Lean Manufacturing



Thousands of products for your lean manufacturing needs

Banner Engineering offers the industry's most complete and integrated line of sensors, machine vision solutions, wireless I/O networks, safety products and indicator lights available worldwide. Banner technologies lead the way to more efficient error-proofing, inspection and automated assembly.



Sensors

Banner supplies sensors to virtually all the manufacturing companies in the Fortune 500. Banner offers the world's most complete line of photoelectric sensors – over 12,000.



Measurement & Inspection

High-quality optical, ultrasonic, radar and measuring array sensors help to solve the most challenging measurement applications.



Machine Safety

Banner produces a wide range of safety-related products, including safety light screens, safety interlock switches, E-stop modules and two-hand control safety modules that protect personnel and equipment.



Machine Vision

Banner's extensive line of vision sensors ensure accurate barcode reads, as well as provide a reliable solution for sortation system item detection. Banner offers standard and high-resolution gray scale, color, single and multipurpose vision sensors, as well as 1D and 2D barcode read capability.



Wireless I/O Network


Banner Engineering's SureCross wire replacement products are designed for easy use. The most basic network includes a Gateway and one Node. Many of these models include pre-defined I/O mapping between two devices.

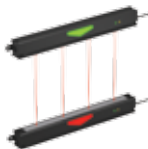


Lighting & Indication


Banner offers a wide variety of lighting and indicator solutions, including LED lighting, signal tower lights, indicators, touch buttons and pick-to-light indicators. With flexible designs, high-quality and energy-efficient LED products, Banner's lighting and indication selection offers a unique solution that suits many environmental, workplace efficiency and mounting needs.

Operator Guidance/Pick-to-Light


 Operator guidance and machine status indication at long distances with the CL50 Column Light

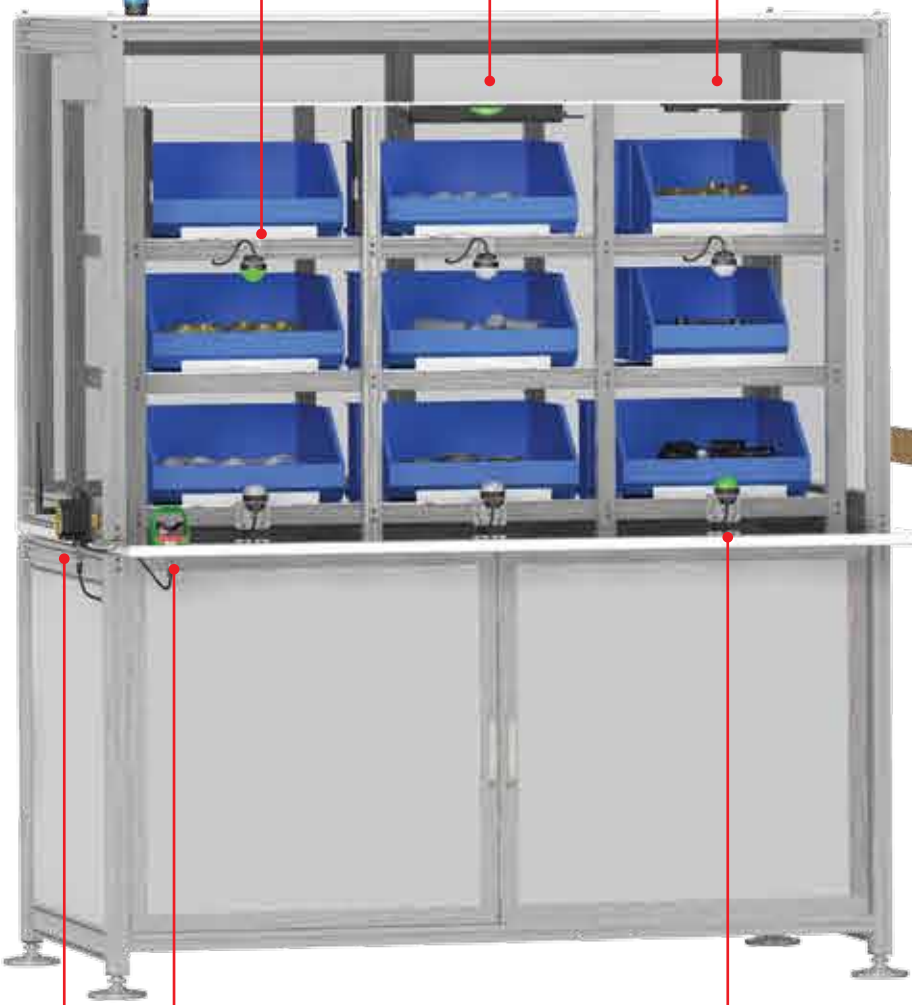
 Retroreflective pick-to-light solution for larger bins using the PVL Parts Verification Array


 Indicate action to perform and signal misspick with the diffuse PVD Parts Verification Sensor


 Indicate process status using S22L Indicators


 Economical pick-to-light solution for smaller bins using the K50 Pick-to-Light Sensor


 Withstand harsh environments with the WLC60 Heavy-Duty LED Light
NEW



 Send status or call signals without wires using the DX80 Wireless Node

 Call for parts when parts run low using the VTB Verification Touch Button

 Tactile Pick-to-Light solution for applications with small parts using the K50 Touch Button

 Point-of-operation machine guarding with the EZ-SCREEN® LP Safety Light Screen

 Monitor safety devices including light screens, two-hand controls and safety interlocking switches with the XS26-2 Safety Controller and Expansion Modules
NEW

Semi-Automated Assembly

Automated Assembly and Material Handling

NEW

Confirm part presence after down-stroke with Value Line Plastic Fiber Optic Cables

Inspect presence of error proofing marks with the dual-display DF-G1 Fiber Amplifier



NEW Provide audible and visual indication using the user configurable TL70 70 mm Tower Light



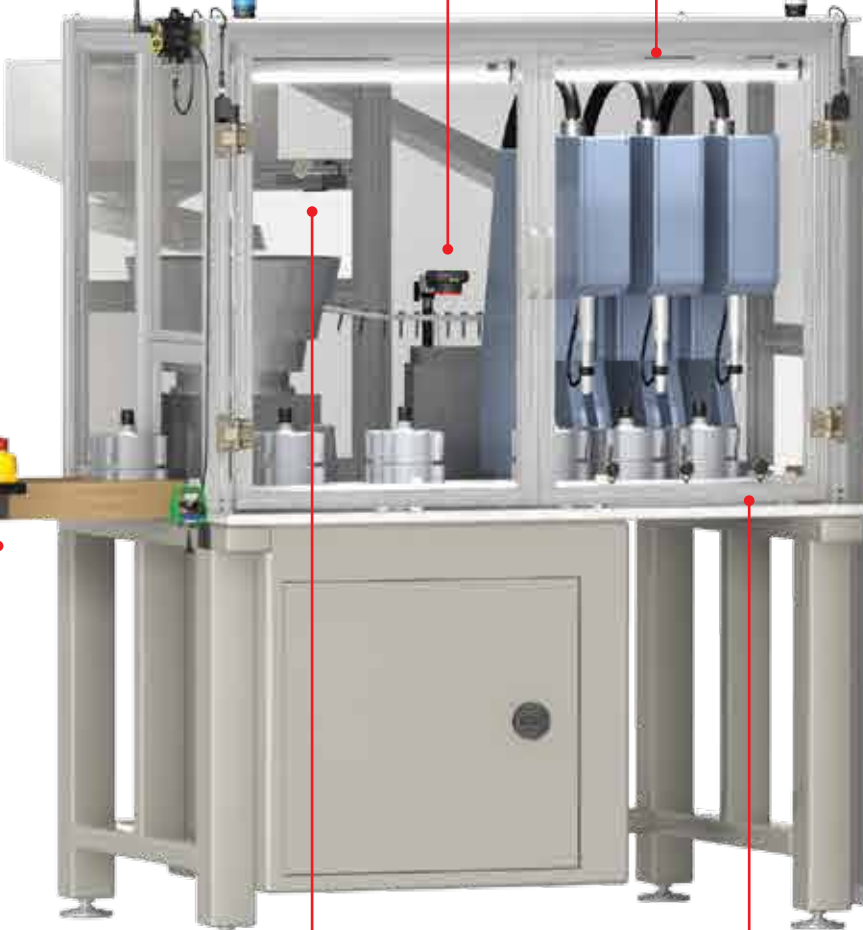
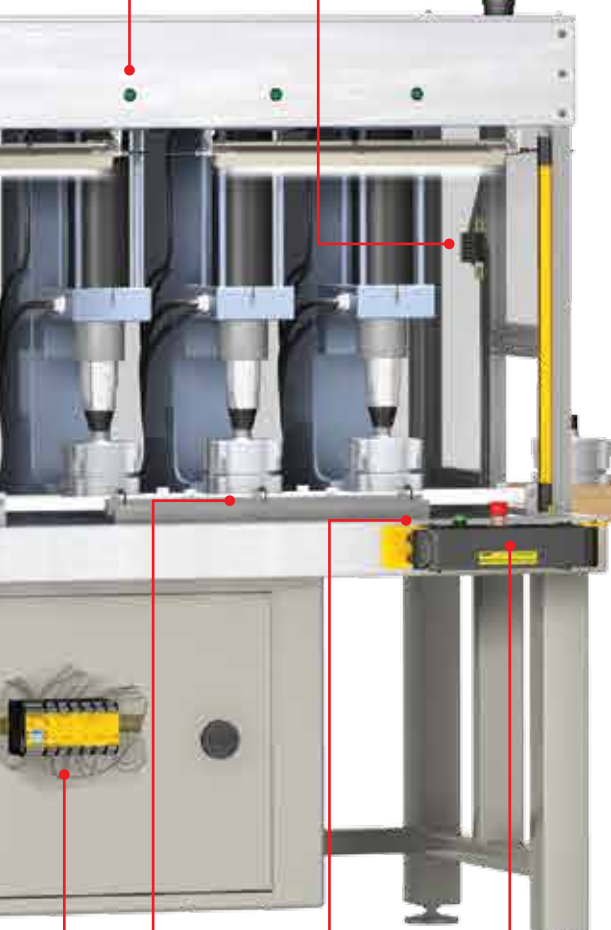
Verify correct part assembly height using the SLM Metal Fixed-Distance Slot Sensor



NEW Inspect for part presence before assembly with the iVu Plus^{Gen 2}



NEW Illuminate work stations using the WLB32 Industrial LED Light Bar



Reset two-hand control functions with a simple touch of the K30 Touch Button

Two-hand control activation and safeguarding with the DUO-TOUCH[®] Run Bar with STB Self-Checking Touch Buttons

NEW Monitor part level in bowl feeder using the Q4X Laser Distance Sensor

NEW The SSA-EB Series E-Stop Buttons combine status indication and safety with the industry's first patented emergency stop button with illuminated base

Ensure part presence before allowing down-stroke using the M12 Threaded 12 mm Sensors



Package, Inspect, Identify and Verify

NEW
Provide reliable tamper resistant door interlocking with the SI-HGZ63 "Zinc" Hinge Switch

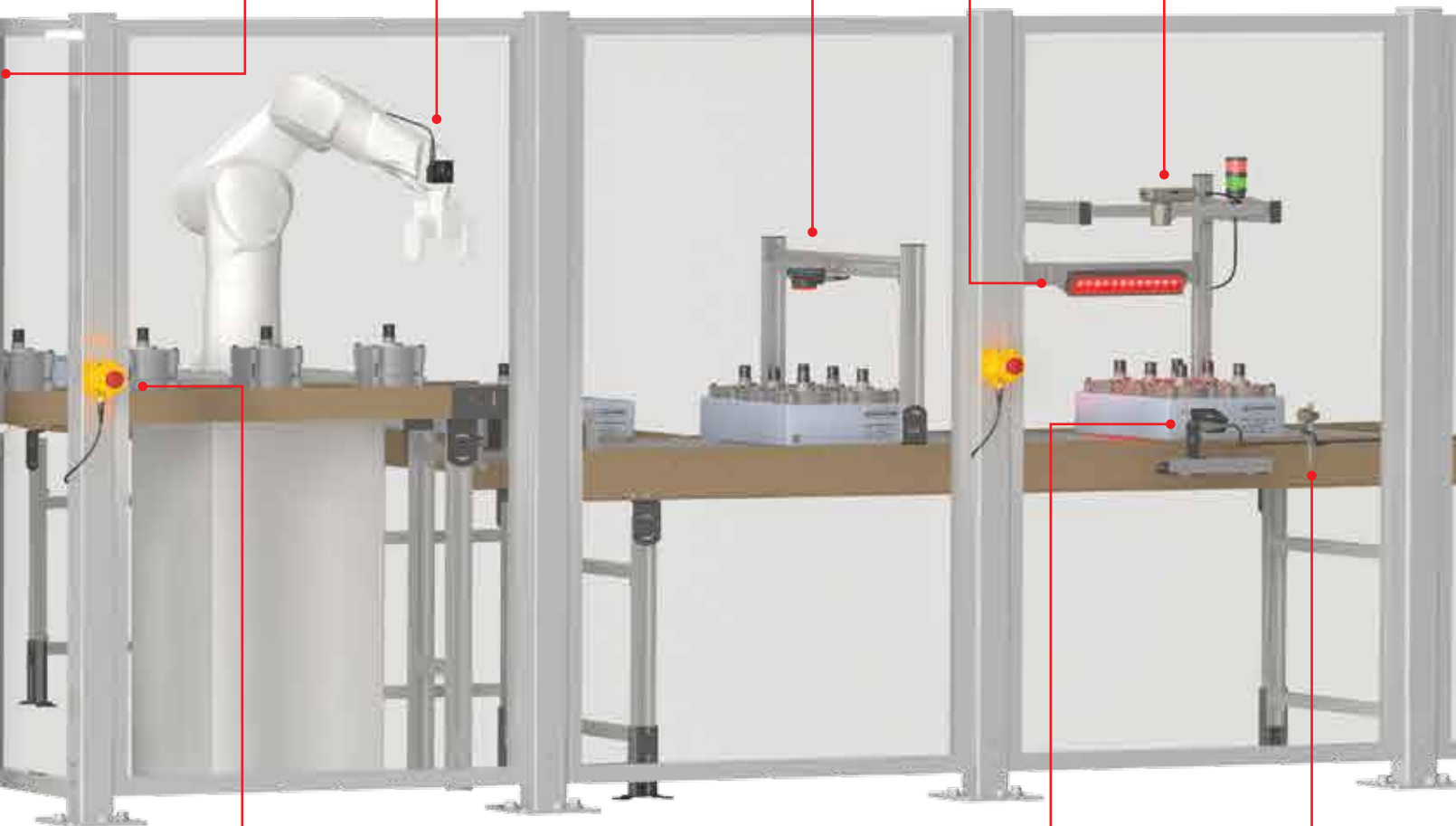
NEW
Indicate process status with TL50 Compact Tower Lights

NEW
Robotic pick and place distance measurement using the LE550 Laser Sensor

Verify 1D and 2D barcodes on assemblies with the iVu BCR Image Sensor

Provide high-intensity illumination over a large area using Vision Lighting

Verify correct part quantities using PresencePLUS[®] P4 Sealed Vision Sensors



NEW
Indicate emergency status with SSA-EB Series Flush-Mount Illuminated Emergency Stop Buttons

NEW
Decode linear barcode symbols using the TCNM AD/EX Laser Bar Code Reader

NEW
Verify part presence before final assembly with the TM18 Background Suppression Sensor

Trigger vision inspections using the Q3X Sensor with background suppression
NEW

Sensors



Vision



Lighting & Illumination



Wireless



Machine Safety



Who is Banner?

Every 3.5 seconds, a Banner sensor is installed somewhere in the world. Banner solves problems for most of the manufacturing companies in the Fortune 500, who rely on Banner for reliable automation solutions.

Banner products help manufacture the cars you drive, the TVs you watch, the food you eat, the medicine you take and virtually every product you consume. Whatever the industry, Banner has a solution to help you automate your plants, improve efficiency and manufacture quality products.

Manufacturing Specialists

Banner is a leading source for manufacturing needs with an extensive product line. With over 30,000 products, including our award-winning sensors, wireless solutions, vision sensors and lighting, machine safety, indicator lights and LED lighting, we have a solution for you.

Application Solution Experts

Our field sales engineers are the most highly-trained and experienced professionals in the industry. They can rapidly analyze an application to help you find the best solution.

Global Presence

We are a global company with a focus on our commitment to customers around the world. Banner has worldwide support with a network of 3,000 professionals who are ready to help you in your plant no matter where you are located.

Banner Specials

Banner's growing product lines include thousands of standard products. However, if you have an application requiring a unique solution, contact one of Banner's Application Engineers and learn about our rapid customization and ability to deliver special product variations.



Talk with an app engineer. Get product specs. Order now.



1-888-373-6767 • bannerengineering.com
minneapolis, mn

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