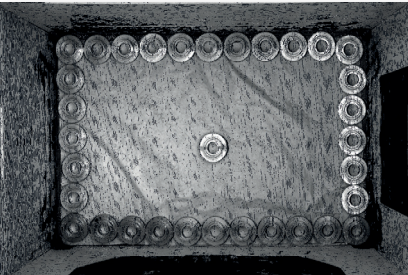


EXCEPTIONAL PERFORMANCE ON REFLECTIVE OBJECTS

Real pieces



Point clouds



SHOWROOM & LABORATORY

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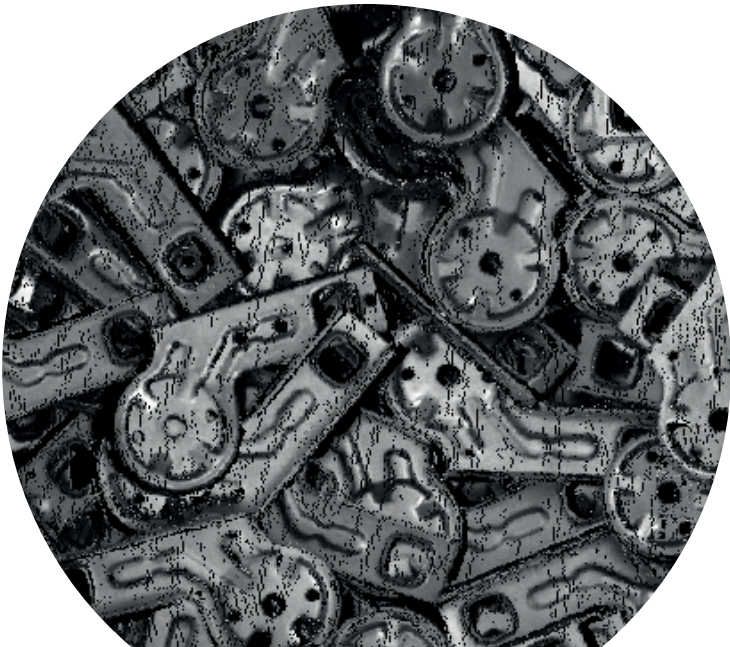
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THE INNOVATIVE 3D CAMERA DESIGNED FOR
HIGH-PERFORMANCE BIN PICKING SYSTEMS



WHAT IS MIZAR

Mizar is the 3D camera developed by Euclid Labs to ensure precise and reliable object identification, even in the most complex industrial applications.

Thanks to its proprietary technology, it can acquire high-quality 3D data even in the presence of **glossy, oily, or highly reflective surfaces**, as well as inside **containers with plastic bags, reflective metal walls, and other elements** that represent a challenge for traditional vision systems.

Designed for long-lasting use in industrial environments, **Mizar** combines **robustness, reliability, and high performance**, ensuring consistent results even under the most demanding operating conditions.

Mizar can be used in a wide range of processes, such as **random bin picking** or the **localization of ordered parts in trays**, both for the **automatic feeding of machine tools and assembly systems**. It is also ideal for locating individual parts or components for **specialized machining operations**. All of this contributes to increasing the efficiency and reliability of the entire production process.



Best for
shiny objects



Fast thanks to the
4 laser lines



Easy to mount and
connect



IP65 rating to
operate in the
harshest environments

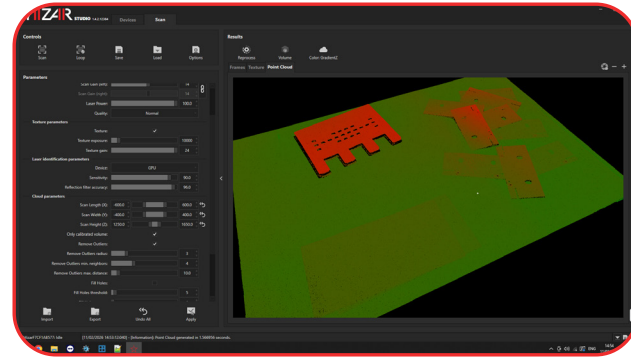


Different models
available to meet
all requirements

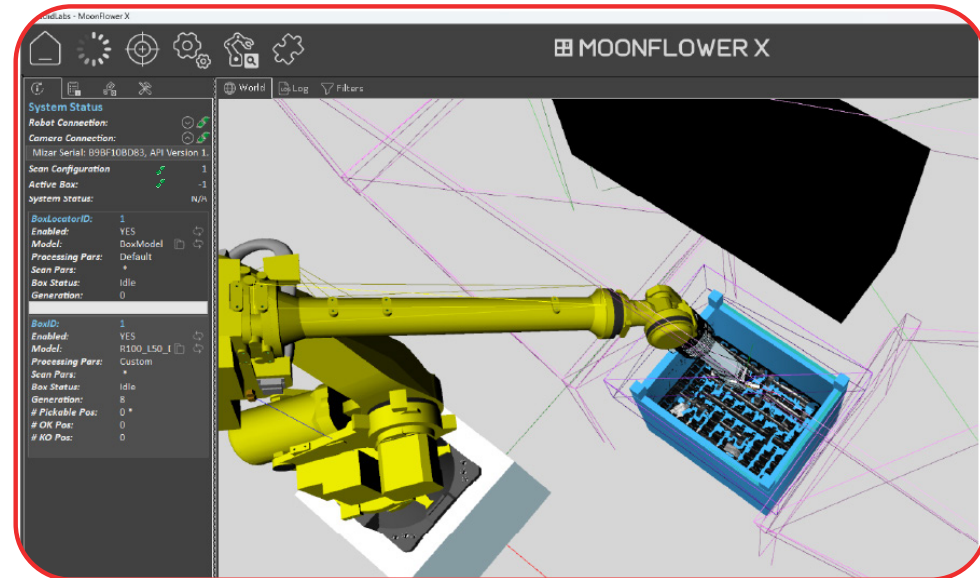
MIZAR STUDIO

A FULLY INTEGRATED SOFTWARE ECOSYSTEM

Mizar Studio is the software dedicated to **optimizing** scanning parameters. For bin picking applications, **the camera integrates natively with Moonflower**, Euclid Labs' platform for part localization, grasp planning, and robot path generation. A single, fully in-house developed software

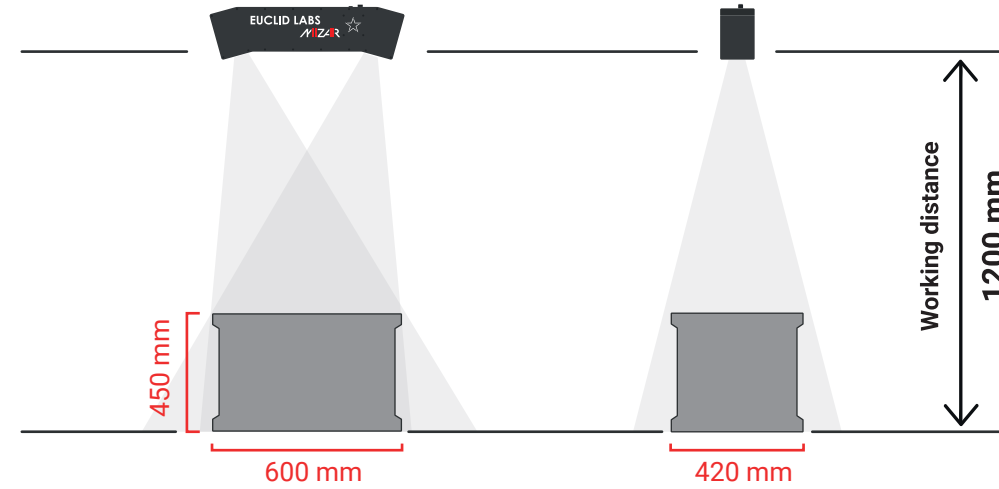


ecosystem ensures **high performance, seamless integration, and centralized technical support.**

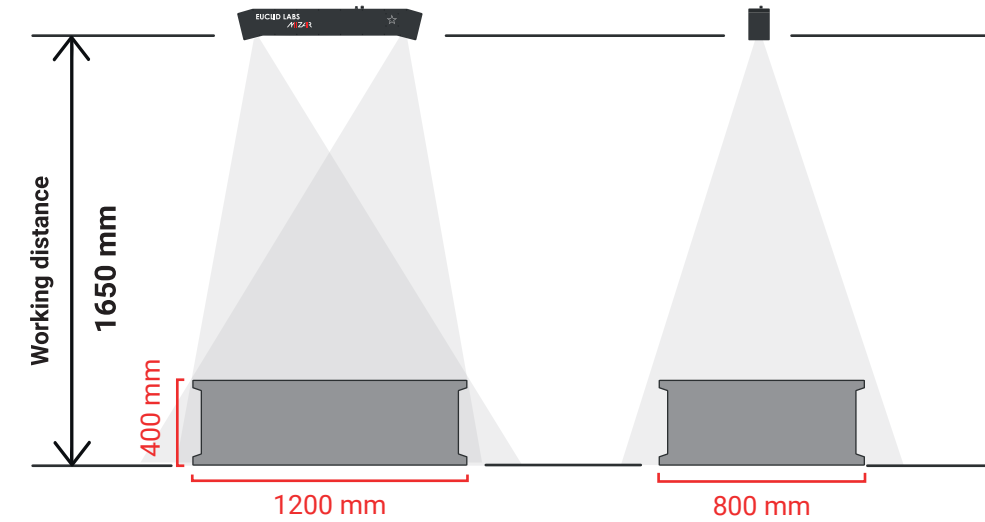


MIZAR MODELS

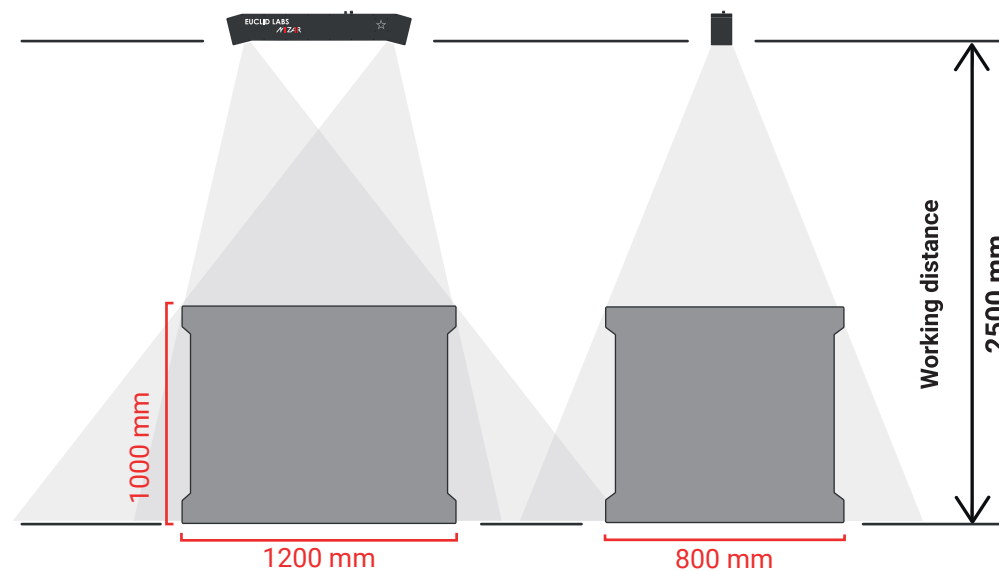
MIZAR 600



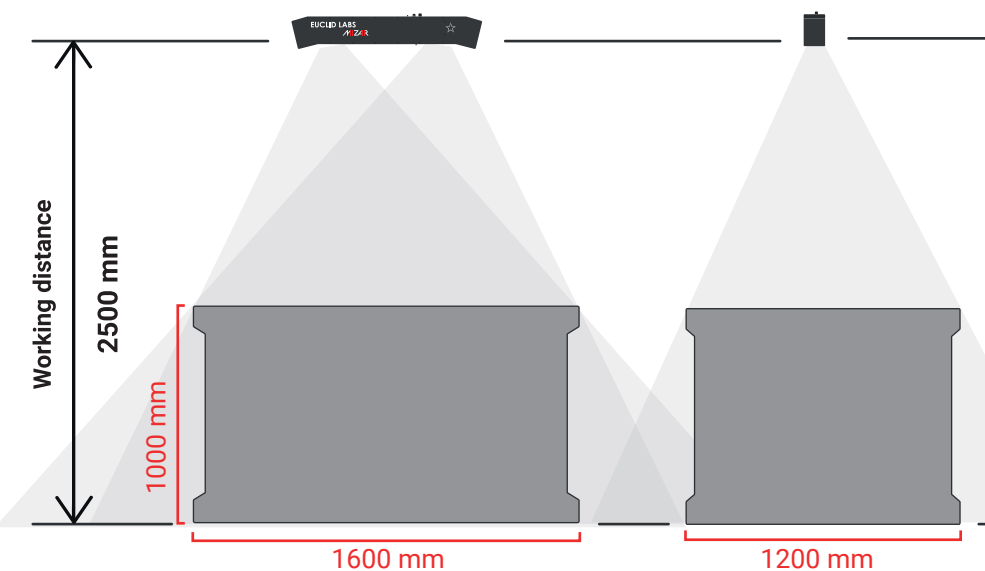
MIZAR T_1200



MIZAR 1200



MIZAR 1600



MIZAR

FOR SHEET METAL PICKING

The **Mizar T** model has been specifically designed for the **three-dimensional recognition of sheet metal parts** using laser line technology.

Thanks to its high-precision 3D acquisition, it can reliably detect the geometry, position, and orientation of parts, even in the presence of **glossy or reflective surfaces, overlapping sheets**, and other conditions that can challenge traditional vision systems.

Mizar T is the ideal solution for **automating the robotic handling of sheet metal parts and their loading onto press brakes**, machine tools, and other processing systems.

Integration with industrial robots enables increased productivity, improved process repeatability and reliability, reduced cycle times, and minimized operator intervention.

