

Image processing and laser
measurement technology

Partners and pioneers in automation.
Worldwide

VMT
PEPPERL+FUCHS

Image Processing and Laser Measurement Technology

VMT is a leading international systems house which specialises in image processing, laser measurement technology and robot guidance for all industrial sectors.

Using its wealth of experience from well over 1000 successful customer systems, VMT offers a wide range of standardised and customised system solutions.

As part of the Pepperl+Fuchs Group, VMT is able to guarantee leading-edge technology combined with maximum investment security.

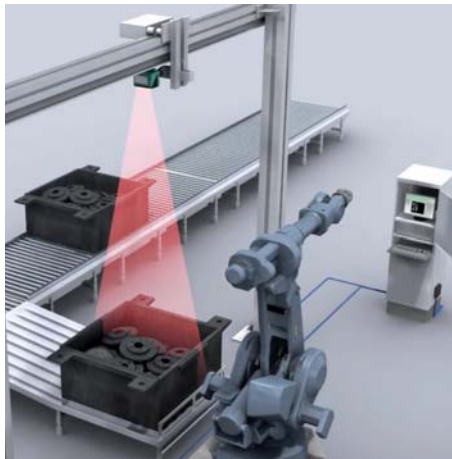
VMT develops and creates complete image processing solutions and optical testing systems for all industrial inspection tasks. Based on our in-house developed sensor and software solutions, we develop high-performance and economic turnkey solutions which are not only ideally tailored to your production needs but also a cut above conventional systems in terms of functionality and performance.

Automotive



- Optical measurement and inspection technology for all automotive production applications - from press loading to final assembly. (2D/3D position recognition, completeness checks, type recognition, geometric inspection, adhesive application testing).
- Robot vision systems for all assembly tasks (BestFit doors/flap assembly, Soft Touch form & piece, cockpit assembly), gap and flush fit measurement, precise robot path guidance for bond seams and seal welds.
- Compact image processing systems for automotive tier suppliers.

General Industries/ Logistics



- The most diverse inspection and testing systems for all general industry and logistics applications including quality, completeness and geometry checks, position recognition, code and text reading.
- System solutions for palletising, de-palletising and picking, automatic and flexible provision and withdrawal of parts.

Medical Care, Pharma, Food & Beverage



- Inspection and testing systems for applications such as position recognition, quality, completeness and geometry checks, code and test reading.
- Validatable systems as per FDA 21 CFR Part 11.

Our Expertise in Action



Technology

VMT offers technological and system expertise from a single source. The patented system solutions are based on product lines developed in-house which reliably cover the entire application spectrum from image acquisition and evaluation through to communication interfaces. As a centre of excellence within the high-performing Pepperl+Fuchs Group, we offer state-of-the-art technology.

Technology Transfer

Thanks to the team-oriented approach taken by our project managers and software developers, we are able to transfer the necessary know-how to your staff during project implementation. This means you can subsequently monitor and maintain your image processing solution independently.

Experience and Know-How

Our experts work with the very latest technologies on a daily basis. Take advantage of the practical experience and comprehensive technological know-how of our project managers and software specialists.

Project Management

Today, optimised project management is a key economic success factor. Our project managers have the necessary managerial experience in order to realise your projects successfully and assist you during implementation.

Continuous Expansion

Since its foundation, VMT has enjoyed solid and continuous growth, both in terms of turnover and headcount. We are able to advise and support our customers all around the world thanks to our VMT subsidiaries and the international presence of the Pepperl+Fuchs sales and service network in more than 80 major cities spread over 6 continents.

Adherence to Deadlines and Budgets

Avoid delays when starting and implementing your projects. Our experts are available for consultation to the jointly agreed extent. We guarantee the on-time and in-budget completion of your projects.

Service

Following successful project implementation, VMT is on hand with a wide range of services to ensure maximum installation availability and unfailing product excellence.

Cooperation

Together with our many and varied cooperation partners from the mechanical engineering and automation sectors, on request we are able to offer everything you need, from problem identification through to customer-oriented implementation, from a single source.

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VMT Vision Machine Technic Bildverarbeitungssysteme GmbH is your leading automation partner for machine vision turnkey solutions worldwide. VMT® develops and supplies customized machine vision, robot vision, and laser sensor systems for all industrial sectors using our self-developed state-of-the-art hardware and software products. As a professional consultant, VMT® provides objective solutions tailored to individual applications. Our technical services cover the complete life cycle of your machine vision solution, including planning, commissioning, installation, and system integration as well as training, maintenance, and upgrade services. With more than 25 years of experience in industrial machine vision applications, you can be confident that VMT® will provide proven solutions for your operation that nobody else can match.