



OAS
AKTIENGESELLSCHAFT

THE CUSTOMER DETERMINES OUR ACTIONS - INTERNALLY AND EXTERNALLY

Otto A. Schwimmbeck



Based on partnerships, target-oriented and committed -

this is the basis upon which Otto A. Schwimmbeck founded the company in 1982. These values still characterise the highly-qualified team at OAS AG - allowing us to find the best possible solutions to your problems.



PIONEERS OF WEIGHING TECHNOLOGY

»Dare and Win«

„Dare and Win“ – this Bremen traders' motto is a recurring theme throughout the OAS AG company history.

Over a period of 30 years, OAS AG has developed from a small engineering company into a globally operating group of companies with locations throughout Germany and worldwide distribution operations. Today, we are one of the leading providers of industry-specific plants for batch-oriented manufacturing.

Our range of products and services covers the planning and realisation of entire production plants, the delivery of components for measurement and control technology and the development of our own software solutions for process control. The company's core competence and original area of operations is weighing technology and we offer an extensive product line in this sector, from industrial weighbridges to calibratable high-performance trans-shipment weighing systems.

Our range of services is completed by the associated business division regiodata, one of the leading medium-sized IT service providers in northern Germany, and OAS Automation GmbH, which focuses on process automation for conveyor systems in the automobile industry.



1982

Founding of the company

1985

Development of the first
calibratable computer
worldwide

1991

Winner of „Concepts for Success“
innovation competition organised
by the Bremer Landesbank

1989

Approval of the calibratable
computer by the Physical-
Technical Federal Agency
(PTB) Braunschweig

1994

First Europe-wide approval for
electronic weighing machines
by the PTB Braunschweig

2000

Company founder Otto A. Schwimmbeck
receives „Bremer Entrepreneur 2000“ award

2004

Change of corporation form
to non-listed stock corporation

2006

Incorporation of
regiodata GmbH

2010

Founding of
OAS Automation GmbH

2012

Move to the new
company building
in the Bremen Tech-
nology Park

2011

Peter Neelmeyer Foundation award for
the development of the world's leading
software for weighing and measuring
technology (awarded to Karl Krone)

MILESTONES AND AWARDS

KEY TO SUCCESS



Plant Construction

Modern production plants are required to meet high standards - in addition to maximum flexibility, the reproducibility of procedures must be guaranteed, along with high levels of reliability and availability.

OAS AG has many years of experience and expertise in plant construction. We plan and supply industry-specific plants for batch-oriented manufacturing. Whether flexible basic solutions or customised concepts for specialised tasks - we offer our customers a wide variety of services from a single source. Our range of products and services covers the planning and realisation of entire production plants or plant sections, the delivery of components for measurement and control technology and the professional training of employees. Furthermore, our in-depth sector knowledge allows us to support our customers in all issues involving recipe selection, raw material analysis and application technology.

In addition to new installations, we specialise in the modernisation and expansion of existing plants to bring them into line with the latest technology. We also offer a comprehensive maintenance and repair service, guaranteeing maximum availability of our plants around the clock - a service, which, thanks to extremely modern remote maintenance modules, is ensured worldwide right down to field level.



PROCESSES AT A GLANCE

Process control technology

New production procedures and more flexible manufacturing plants are placing ever-increasing demands on automation systems and therefore also on the software necessary to manage the complex processes.

As a system integrator and partner for plant construction, OAS AG supplies end-to-end solutions, guaranteeing uninterrupted information flow. Our proNTo software solution forms the basis, adapting to the customer's individual needs and completely covering all cross-sector requirements relating to plant technology. The system allows for flexible control and recording of complex batch processes and is also perfectly suited to technical weighing tasks. By storing manufacturing and recipe data on each batch produced, traceability of the product is guaranteed throughout the entire production process. Irrespective of which material flows are documented or which production runs have to be monitored - proNTo ensures universal transparency.

The tasks are merged into a standardised complete system, from the controlling level to production management. The recipe management and control, visualisation, dosing report, warning and reporting systems as well as quality control modules lock into each other like gear wheels and represent all production activities right up to materials management. For management purposes, a separate module supplies key data on efficiency and quality in an MES cockpit.



ASSURED QUALITY STANDARDS

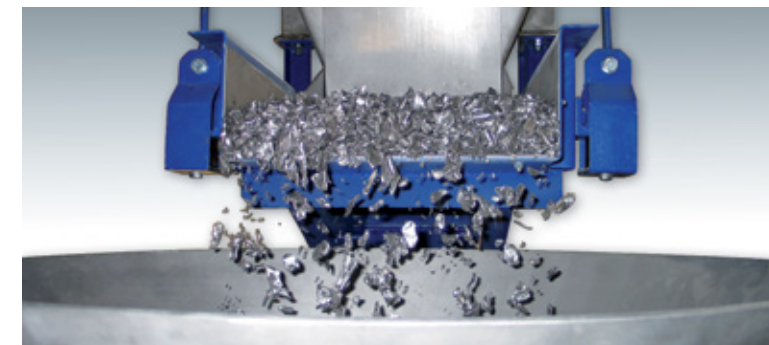


Weighing and dosing technology

In many different areas of industrial production, weighing and dosing technology is indispensable when there is a need to adhere to exact specifications for quantities and mixing ratios.

Weighing and dosing technologies are a key technology for production involving recipes, which have always been at the centre of OAS AG activities, and are of particular relevance with regard to quality. As an experienced partner, we offer our customers reliable solutions, characterised by the highest levels of precision, making a significant contribution to quality standards assurance - including mechanical controlling, our own dosing controls and universal integration into process control technology.

Our wide-ranging product line, in addition to belt weighers and feed belt weighers, includes special dosing controls that ensure the reliable and extremely precise representation of continual processes. Furthermore, we offer reliable system solutions for dynamic weighing, guaranteeing precise recording of quantities in real time. Our product range is rounded off by calibratable high-performance trans-shipment weighing systems, which are used in port trans-shipment in particular.



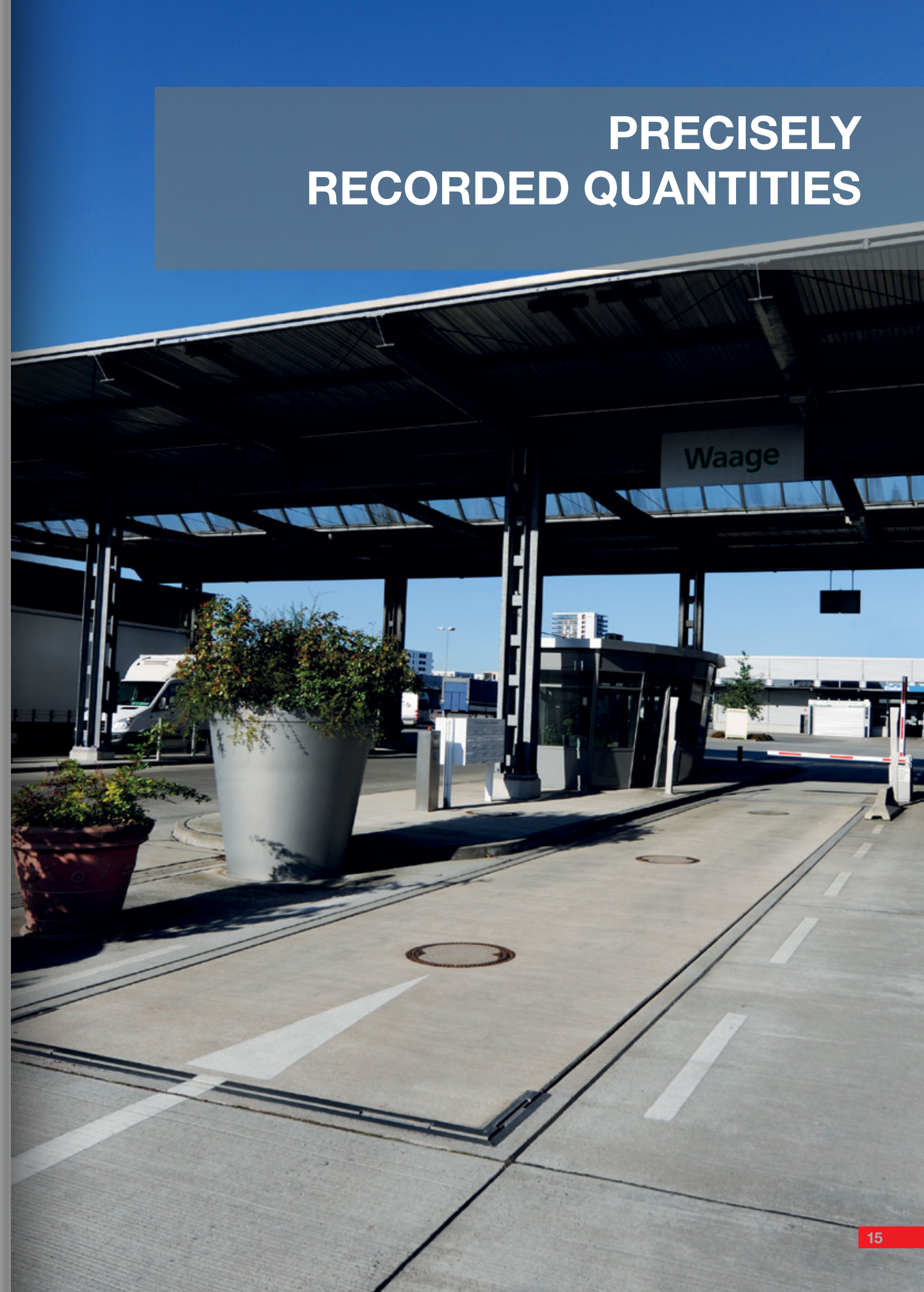
PRECISELY RECORDED QUANTITIES

Vehicle and rail weighbridges

Many sectors require high-capacity weighing systems to be able to record goods and quantity flows accurately. Their construction is perfectly tailored to the industry-specific requirements and needs of inventory management systems.

Each OAS weighing system can be supplemented with a range of modules. The possibilities for expansion range from computer-supported operations to fully automated weighing procedures. Thanks to our industry-specific management software, weighing machines can be operated at terminals, and also by remote control - for example, via Smartphone directly from the vehicle. Our after-sales service also includes adjustment and calibration - as your reliable partner we are certified for manufacturer calibration and have a calibration vehicle service.

OAS AG vehicle and rail weighbridges are „Made in Germany“ and are produced in accordance with stringent quality guidelines in precast concrete component factories. The high-quality concretes used to produce these components are highly resistant to frost/de-icing salt and mechanical abrasion. All vehicle weighbridges comply with EU guidelines and international OIML recommendations and fulfil the specifications set out in current DIN standards with respect to load-bearing capacity.



EFFICIENT MATERIAL AND GOODS FLOWS

Yard management / plant logistics

Material and goods flow requirements concerning internal plant processes are extremely complex, as levels of demand determine when which deliveries are needed.

Whether yard management, plant logistics or dispatch automation - OAS AG combines decades of experience with sound process know-how to optimise cross-sector operational procedures. In addition to analysis, planning and management, our services also include software applications and self-operated logistic terminals, guaranteeing optimal material and goods flows in plants via truck, rail and ship.

Our logistic terminals automate operational procedures using corresponding software solutions and make them safer. Truck drivers register with the system independently and are guided through the plant by means of an automated procedure on the basis of the data submitted. Thus, all relevant areas are integrated, such as admission to the plant, security checks, weighing, loading, unloading, quality assurance, load securing, document issuing and exiting the plant. Processing times are reduced, handling outlays minimised and processes become transparent.

Our solutions relieve employees of some of the burden of routine jobs and minimise reworking outlays arising from faulty processing. Thanks to integrated interfaces to superordinate and subordinate systems (ERP, PLS), errors such as double entries can be avoided and data made available in real time.



IT SOLUTIONS FOR MEDIUM-SIZED COMPANIES



OAS AG - business division regiodata

Today's customers expect higher performance levels. In particular, successful companies must react rapidly to changing market requirements. In order to meet these demands, they need innovative IT products to optimise their working procedures.

„Make what's good even better!": this motto typifies the thinking and actions of the OAS AG business division regiodata. On this basis, we develop optimal, forward-looking IT solutions for medium-sized companies. To ensure uninterrupted operations in everyday working practices, our highly-qualified employees take over the analysis and strategic planning aspects of your IT infrastructure, optimise systems and software and thereby pave the way for long-term stability, continuity and increased efficiency. Technically sophisticated hardware from leading manufacturers rounds off our extensive range of products.

Good business software saves time and money. Together with our partners, we offer companies modern, high-performance and user-friendly solutions. Our Diamant Software combines accounting with professional controlling and, thanks to its modular structure, can be adapted fully to suit the individual wishes and requirements of our customers. Sage personnel management provides our customers with intelligent, future-proof HR software, supporting them in all wage and salary accounting tasks and relieving them of some of the work related to administrative personnel management. Furthermore, we offer our customers a web-based document management system with workflow management. EASY software allows customers to easily create and structure documents, to archive them in compliance with auditing requirements and to manage them precisely within the company. Valuable company knowledge flows into a common and complete document pool, which can be accessed quickly and simply by all authorised persons at any time and in any place.



CUSTOMISED AUTOMATION

OAS Automation GmbH

Shorter innovation cycles, a large number of variants and more complex technology: the automobile industry is facing major challenges, which in turn increase demands on the productivity and flexibility of complex process chains.

Unusual challenges are our speciality. OAS Automation GmbH is an independent company in the OAS AG Group, manufacturing and developing complete process automation systems for the production plants of globally operating clients. One of our core areas of activity is the automation of conveyor systems for renowned automobile manufacturers. To attain optimum quality and efficiency, the different production line components must be perfectly matched with each other. Regardless of which challenges you are faced with: we can offer you customised solutions for every automobile production task - both all-round and project-related.

Our customers aren't just from the automotive sector: we have also realised numerous warehouse control projects - from high-bay storage to robot technology. High-profile suppliers value our expertise. We take on complete project management and software development as well as controlling and process visualisation, switch cabinet manufacturing, commissioning, plant documentation and after-sales service. Our competent team can handle even unusual tasks in an effective and uncomplicated manner.



INDUSTRY OVERVIEW

Intelligent solutions for individual customers

OAS AG services are used by highly diverse industries - whenever processes have to be optimised, the implementation of automated controls is indispensable for achieving cost advantages without suffering a loss of quality.



OAS AG

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