

YOUR WEIGHING SOLUTIONS

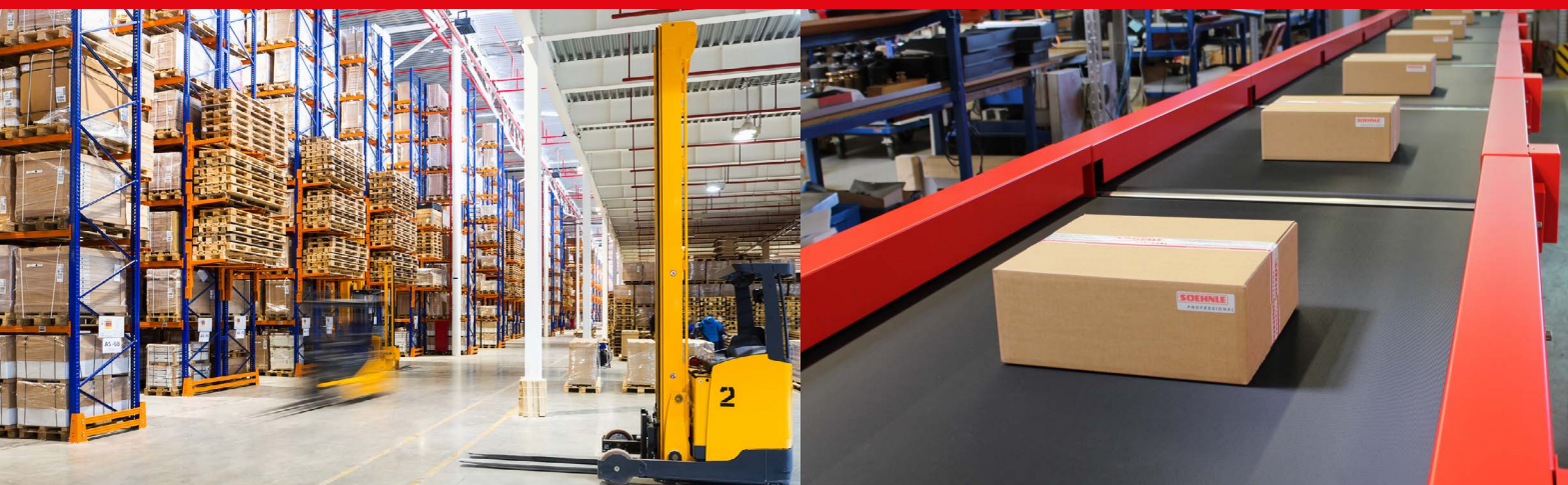
SOEHNLE
PROFESSIONAL

Transport and logistics

Weighing technology from Soehnle Industrial Solutions

Global. Innovative. Inspiring.





Soehnle Industrial Solutions GmbH

People, items and foodstuffs have been weighed on Soehnle scales since 1868. Today, Soehnle Industrial Solutions is owned by the international corporation RIVA-Holding. With the Soehnle Professional brand, the company is one of the leading manufacturers in the field of professional weighing and measuring technology. Developed, produced and quality tested at our **German site**, our products are used all over the world – for example, in the check-in areas of almost all European airports, by courier, express and parcel services, industrial companies, in the food industry and in hospitals. In fact, anywhere precise measuring results are required. As a medium-sized company, we stand for a strong brand, high-quality products and customer-oriented service.

Individual customer requirements carry particular weight for us

In addition to proven standard products, we also offer system solutions and custom products – always precisely tailored to the most diverse requirements. We welcome your specific questions and will be happy to advise you on the technical options for realising your ideas, develop a prototype for you and then bring it to production.

We offer our customers many weighty advantages

Our aim is to provide you with high-quality appliances and components that will make your work processes more transparent and enable reliable controlling, optimised logistics and greater profitability. Thanks to the company's problem-solving expertise, built up over many years, and the strong innovative thinking at Soehnle Industrial Solutions, your company will benefit from momentum, efficiency and competitiveness.

Combining tradition with innovation

Consistent quality control, certified in accordance with ISO 9001, is the basis of our work. This also pays off for the quality assurance of our customers. With our industrial scales, we guarantee compliance with processes requiring calibration as well as stringent directives.



Transport & Logistics

Our flight baggage scales are used to weigh baggage in airports around the world.

In order to support shipping and logistics, **weight and volume** are statically or dynamically calculated in the continuous weighing process. In addition, we ensure reliable excess weight controls with weighbridges and check weighers. In this sector, the development of calibratable measuring systems with integrated tilt sensor as well as centre point detection are among the most important innovations from Soehnle Industrial Solutions.

Information technology – Software solutions

We configure our product solutions such that you can consolidate, evaluate, manage and print the data from individual appliances. In the case of extensive system solutions, this may be data from different information suppliers such as scales, volume measuring systems, scanners or RFID. For mobile applications, data transmission via Bluetooth™ and WLAN is possible. The processing and saving of the measurement data, in database systems for example, is taken over by different software modules such as the calibratable alibi memory or solved via connection to IT systems, e.g. SAP. This enables all systems to be optimally combined, greater transparency of work processes to be achieved and productivity to be increased. Be ready for Industry 4.0 with Soehnle Industrial Solutions.

Weighing components

In addition to complete scales and systems, we also offer you components for individual installation in your systems and machinery. These include load cells, force sensors, terminal boxes, connections, individual parts or subsystems for various weighing tasks such as packing, sorting and categorising as well as process monitoring and control. Transport and logistics companies particularly appreciate the weighing technology which can be integrated in logistics conveying systems. Soehnle Industrial Solutions develops special weighing platforms and terminals with interface options for the recording, evaluation and communication of the measurement data. All components are of the highest technical standard to ensure fast and accurate results. If you let us know your technical requirements, we will compile the right components for you or, on request, develop individual customised solutions.



Pass/fail control, dynamic weighing, ejection via pusher, turnout or compressed air

Continuous weighing process with conveyor system / volume measurement

For dynamic weighing without stopping the conveyor
For static and dynamic volume measurement

Dynamic scales from Soehnle Industrial Solutions offer

- Solutions specially adapted to your requirements
- All conveyor, control and weighing technology from a single source
- Proven weighing terminals
- Highly developed continuous scales for uninterrupted and fast weight measurement

Volume measurement of everything from the smallest parts up to pallets with interface software. Dimension measurement is easy, accurate and fast, from a simple manual workstation up to a fully automated system.



Parcel weighing with volume measurement



Continuous pallet weighing process



Example of use: 4 load plates can be connected as laden weight scales

Wheel and axle load weighing

For the weighing of vehicles, machines, containers and superstructures

We offer individual design and performance data for the scales. The scales are also suitable for the weighing of machines and superstructures.

- 2, 4 or 6 mobile platforms
- As laden weight, axle load or wheel load scales
- Different platform sizes and weighing ranges available



Scales terminal in the transport case

				1		40
02	Brutto 2405 kg	03	Brutto 1767 kg			
04	Brutto 2372 kg	05	Brutto 1779 kg			
				8324 Brutto kg		
Max 12000 kg		Min 20 kg		e= 1 kg		
Tara Fix	Add Tara	Multi Tara		%	Achslast	

Example of wheel load scales:
Measurement value display



Flight baggage scales at quick check-in counter

Flight baggage scales

For the weighing of luggage and freight

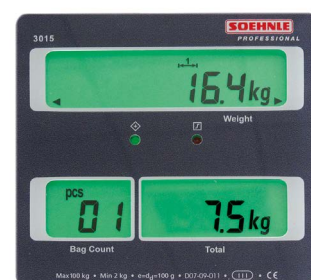
Flight baggage scales comprise

- A weighing frame in accordance with the customer's requirements for integration into the check-in conveyor, very flat design, robust and overload protection
- The central unit in the compact housing for integration into the counter or the weighing frame
- Operator and passenger display
- Keyboard with 4 or 8 keys on a flat module support

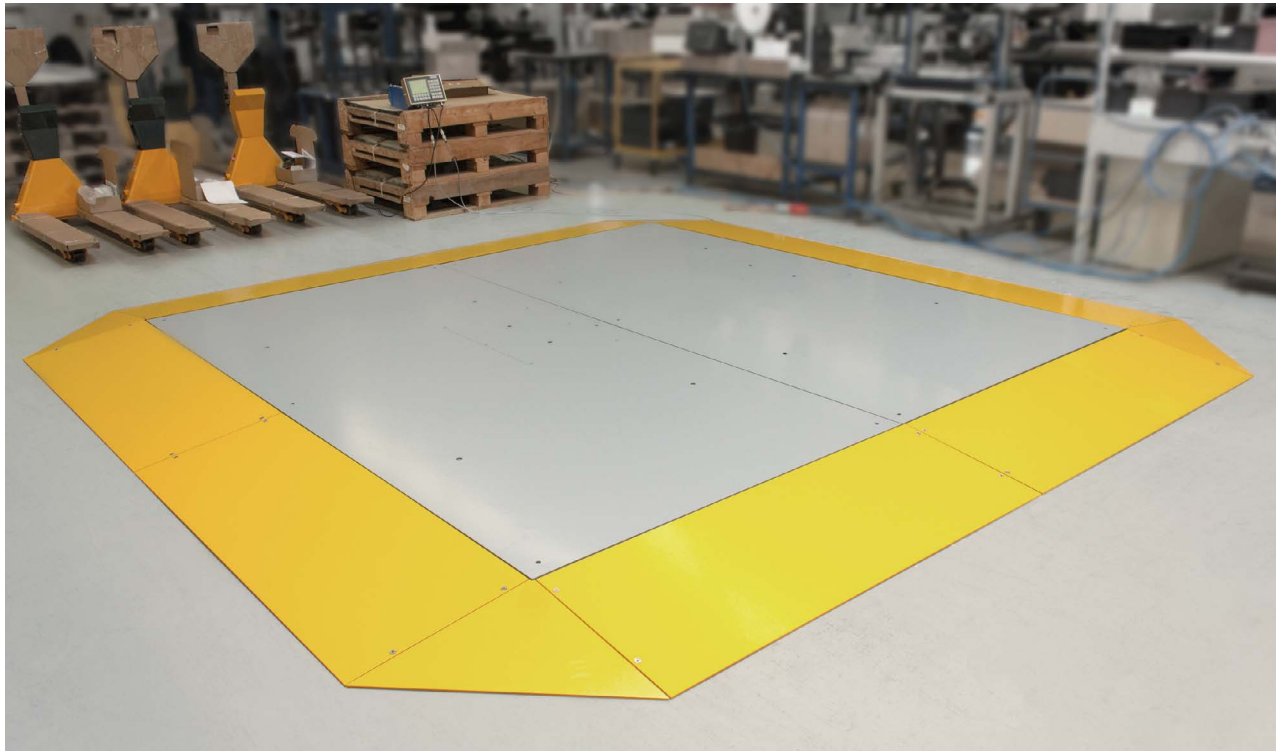
Our flight baggage scales are a modular system and therefore offer a high degree of flexibility and ergonomic operation.



Scales, integrated into the check-in conveyor



Operator display integrated into the counter



Extra flat heavy-duty scales, accessible from all sides

Heavy-duty weighing platforms

For dimensions up to approx. 7000 x 3000 mm, weighing range up to approx. 20 t

Our engineers develop the optimal design depending on customer requirements for platform size, weighing range, payload, drive-on option and normal load. In addition to static calculations and strength analyses according to the finite element method, the expertise of our development engineers can also be relied upon.

The scales are available in painted steel, galvanised or in stainless steel.

We offer you the right scales to comply with the SOLAS requirements (Safety of Life at Sea).



Scissor lift table with weighing technology



Stainless steel floor scales, foldable with foundation trough



Durability, ease of use and the highest quality – purchasing your Soehnle Industrial Solutions product has been an excellent decision.

Our **customer service** will also ensure that your scales have outstanding protection.

- ⑤ The **warranty extension** for end customers gives you the option to extend the two-year manufacturer's warranty by a further two years.
- ⑤ Complete a Soehnle Industrial Solutions **service agreement** to rely on cost predictability and enjoy continuous professional maintenance.
- ⑤ Do not miss any more recalibrations, have your scales inspected and receive support during calibration – call on our expert **calibration service** for scales requiring calibration.

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