

LOAD CELLS AND MOUNTING KITS



Type	Single points	Bending beams	Shear beams	Tension	Compression	Mounting kits
Application	Mono-cell Belt weighing, conveyor and tank weighing	Mono/multi-cell Belt weighing, conveyor and tank weighing	Multi-cells Conveyor and tank weighing	Mono/multi-cell Conveyor or hanging hopper weighing	Multi-cell Tank or silo weighing	Compression/Tension Conveyor, tank or silo weighing.
Capacity (C.N.)	200 g ... 635 kg	5 kg ... 500 kg	300 kg ... 5 t	25 kg ... 5 t	1 t ... 1 000 t	5 kg ... 750 t
Construction	Aluminum IP65 Inox IP65/IP69K	Stainless steel IP68	Alloy steel IP67 Stainless steel IP68	Alloy steel IP67 Stainless steel IP68	Stainless steel IP68	Alloy steel Stainless steel
Certifications	OIML, ATEX, FM, IECEx	OIML, ATEX, FM, IECEx	OIML, ATEX, FM, IECEx	OIML, ATEX, FM, IECEx	OIML, ATEX, FM, IECEx	-

ELECTRONICS AND DIGITAL LOAD CELLS



Model	AA/DVX/DVS	IPE50	CPJ	eNod3	eNod4	PMESWT
Type	Digital single point load cells	Weighing indicator	Analog transmitter	Weighing controller		Automation weighing module
Capacity (C.N.)	5 kg ... 75 kg	1 to 4 channels	1 channel	1 channel	1 channel	1 channel
Construction	Aluminum IP65 Stainless IP68/IP69K	Din Rail Panel	Din Rail Box	Din Rail Box	Din Rail	Backbone
Approval	OIML, EHEDG	OIML	-	OIML	-	-

Integrated applications

	Versions			Versions				
	C	D		T	C	D		
Weighing transmitter	•	•	•	•	•	•	•	•
Weighing controller, grading Dosing, filling	•	-	-	-	•	-	-	-
Weighing, belt dosing	-	-	-	-	-	•	-	-
Loss-in-weight dosing	-	-	-	-	-	-	•	-

Interfaces

	2/1/4 O	2/1/2 O	2 O	2/1/4 O	2/1/4 O	4/1/4 O	2/1/4 O
Inputs/Outputs	•	•	•	•	•	•	•
Analog output	-	•	•	-	-	•	-

Industrial networks

Modbus-RTU	•	•	•	•	•	•	•
Modbus-TCP	-	-	-	-	-	•	-
CANopen	•	-	-	•	-	•	-
Profibus-DP	-	•	-	-	-	•	-
Profinet	-	-	-	-	-	•	-
EtherNet/IP	-	-	-	-	-	•	-
Ethercat	-	-	-	-	-	•	-

HMI



eNodTouch-S

eNodTouch-M

• As a standard ◦ As an option ◦ Only basic functions



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Weighing
for process automation
Plant engineering, machine control

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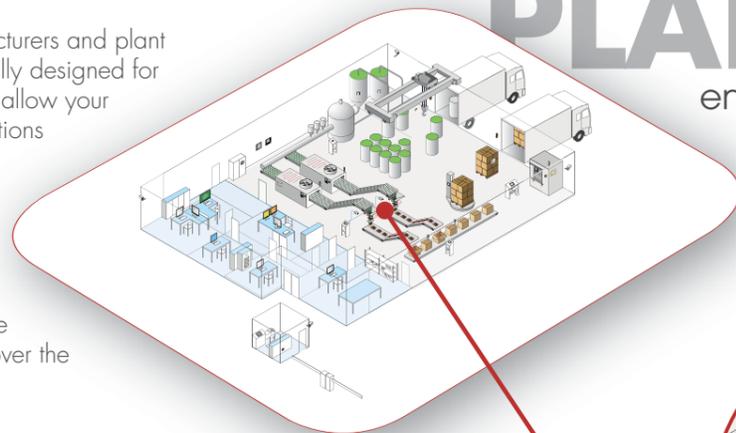
Optimize the productivity of your processes...

Thanks to our automation skills and expertise in weighing applications, we can offer weighing solutions to optimize your productivity and the availability of your equipments. Easy to integrate into automated systems, these solutions cover your entire needs for monitoring and control of your manufacturing processes.

FIELDS OF EXPERTISE:

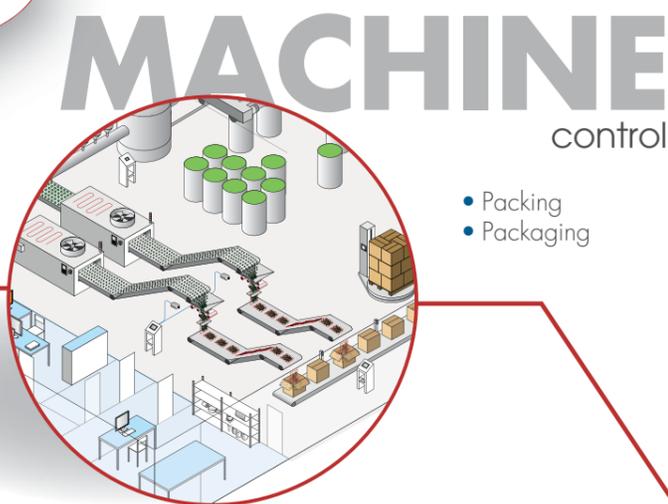
Our solutions, dedicated to machine manufacturers and plant engineering companies, have been specifically designed for integration into automated systems. They will allow your developers to quickly design automation solutions that will help you to improve the efficiency of your manufacturing processes.

You will take advantage of our expertise in the field of weighing solutions as our controllers integrate comprehensive and high-performance application functions. These evolutive and easily configurable solutions cover the entire supply chain.



PLANT
engineering

- Food & Beverage
- Mining, Metals and Minerals
- Chemicals/Pharmaceuticals
- Waste management
- Engineering/Automation



MACHINE
control

- Packing
- Packaging

OUR DIFFERENCE...

- We back you up in the design and set-up...
- We reduce your development and integration costs ...
- We increase your productivity...
- We improve the quality of your products...

INTEGRATION & CONNECTIVITY:

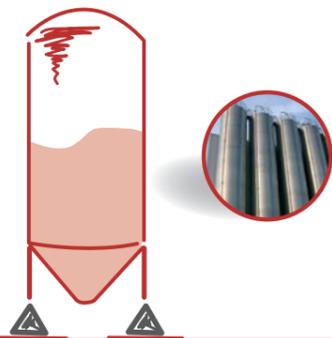
Our controllers are designed to be integrated into automated systems ensuring connectivity with the main industrial networks on the market...



SCAIME is also Schneider Electric's official partner for weighing applications. This partnership ensures a perfect connectivity between our solutions and Schneider's automation architectures.



Storage



Silo and tank weighing

Accurate storage control for small size tanks up to several hundred tons silos thanks to a **non-intrusive technology** regardless of the container shape.

Material supply



Belt Weighing & Dosing

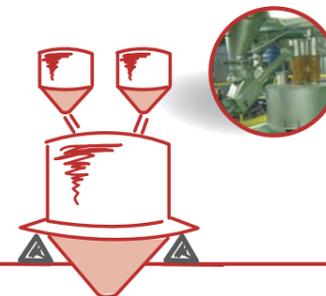
Material transfer on conveyor belt with **flow regulation and continuous totalization.**



Loss-in-weight dosing

Get a constant material flow at very high accuracy.

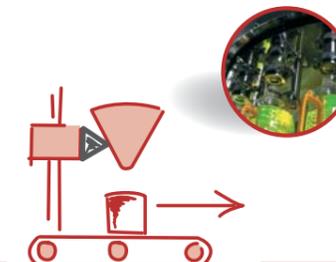
Manufacturing



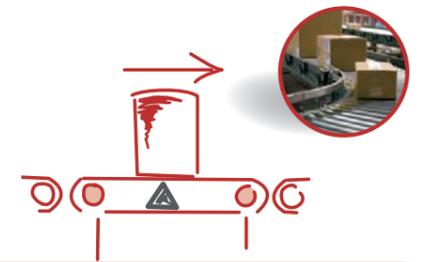
Dosing & Filling

Accurate, fast and reproducible filling to ensure the quality of the products and reduce defective batches.

Packaging



Control



Checkweighing & sorting

Weighing for the **grading of products or missing parts check** before shipment.