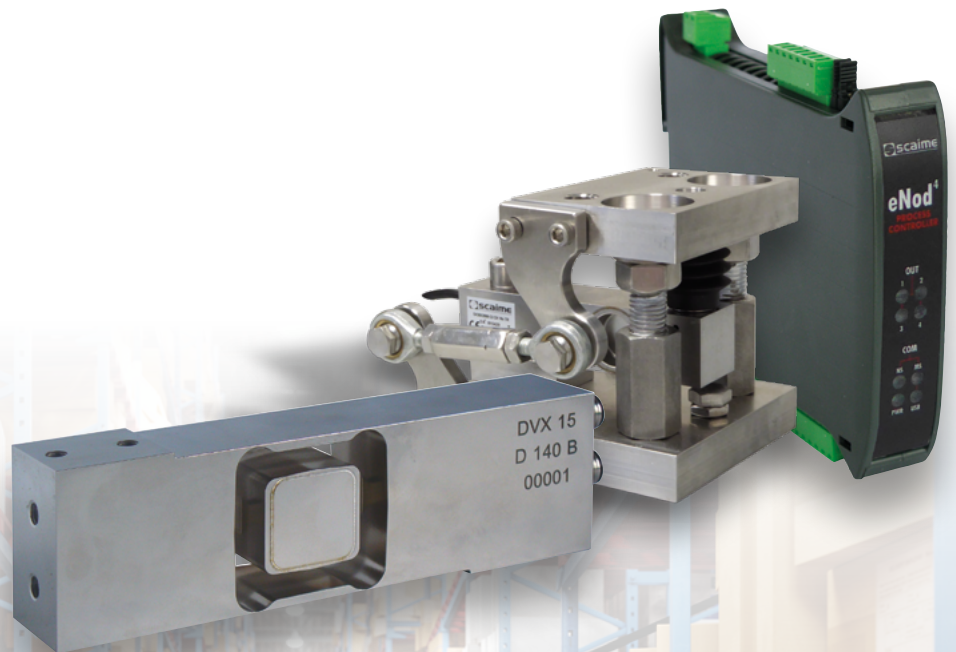




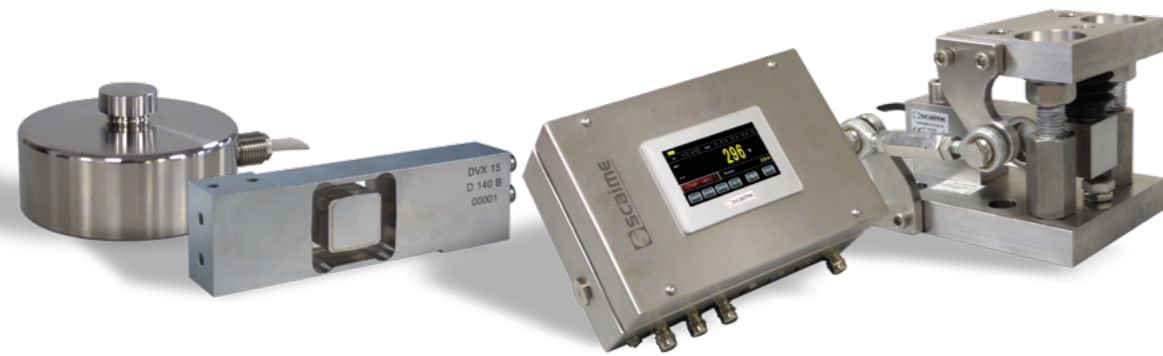
# Weighing Solutions for intralogistics

Storage, picking, packaging



# Optimizing logistics flows and inventory...

Intralogistics is at the heart of the industrial evolution towards automation and Industry 4.0. In this mutation, weighing plays an essential role in optimizing inventory management processes, order picking and shipment control. SCAIME weighing solutions meet the needs of numerous applications, such as parcel sorting and product conformity verification.



## OUR WEIGHING SOLUTIONS:

To meet every need, our load cells cover wide measurement ranges and are available with different levels of environmental protection.

### Sensors:

- Analog or digital sensors
- All load cells types: Single point, bending, shear, tension and compression
- From 200 g to 1 000 t
- Aluminum or stainless steel

### Mounting kits:

To facilitate the integration of our load cells, we offer numerous mounting kits adapted to most applications.

### Electronics:

Our weighing controllers integrate comprehensive, high-performance application functions. These easily-configurable solutions cover all the weighing needs of the supply chain.

Our electronics can be integrated into automated systems with analog or digital RS485, CANbus and EtherNet outputs.

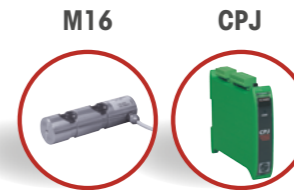
### Integration & Connectivity:

Our solutions are designed to interoperate with information systems via web servers, and with automated systems via connectivity to the main industrial networks on the market.



### Overload detection for automated stacker cranes

- Load measurement by load pins
- Alarm management with CPJ analog transmitter



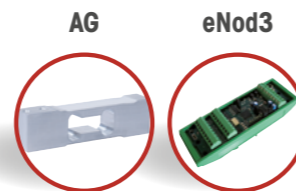
## OUR EXPERTISE:

SCAIME offers weighing solutions to meet the specific requirements of automation. Whether for flow monitoring, automated inventory management or logistics process optimization, our solutions guarantee seamless integration into the digital ecosystem of Industry 4.0.



### Weight control on AMR / AGV or picking carts

- Single point load cells
- Weight measurement or center of gravity control
- Measurement transmission on automation network



### On-the-fly weighing on conveyors

- On-the-fly weight calculation integrated into enod4-C controller
- Detection by cell or weight level
- Digital signal filtering for high weighing accuracy

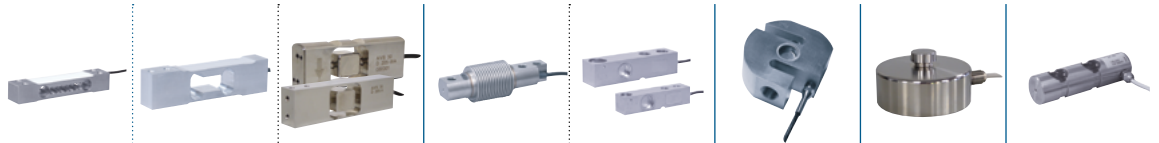


### Weighing on automatic palletizers

- Weighing system integrated into a palletizer conveyor
- Resistance to lateral and longitudinal forces



## LOAD CELLS



Model	AQ	AG	AVX - AVS	F60X	SK30X	ZA30X	R10X	M16
Type	Single point			Bending beam		Tension	Compression	Axe
Rated load capacity (Cn)	5 kg ... 35 kg	2.5 ... 100 kg	7.5 ... 125 kg	5 ... 500 kg	300 kg ... 5 t	500 kg ... 7.5 t	250 kg ... 100 t	500 kg ... 100 t
Accuracy class	C3 / C4	C3 / C6	C3 / C6	C3 / C6	C3 / C6	C3	-	-
Combined error (% Cn)	0.017 / 0.013	0.017 / 0.008	0.017 / 0.008	0.017 / 0.008	0.017 / 0.008	0.017	0.05	0.5 / 0.1
Construction	Aluminum	Aluminum	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Protection	Coated, IP65	Coated, IP65	Sealed, IP69K EHEDG	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68	IP67 / IP68
Admissible platform size (mm)	350 x 350	400 x 400	up to 600 x 400	-	-	-	-	-
Certifications	OIML, NTEP, ATEX, IECEx	OIML, NTEP, ATEX, IECEx, FM	OIML	OIML, ATEX, IECEx, FM	OIML, NTEP, ATEX, IECEx, FM	OIML, ATEX, FM, IECEx	ATEX, IECEx	ATEX, IECEx

## ELECTRONICS



● : Standard - ○ : Optional

Model	AAAD	DVX	CPJ	eNod3 -Din / -Box	eNod4 -Din / -Box
Type	Digital Load Cells		Controller / Transmitter		
Rated load capacity (Cn)	5 kg ... 75 kg	7.5 kg ... 75 kg	-	0.005 % / OIML 6 000 d	-
Accuracy class	OIML 3 000 d	OIML 3 000 d	0.05 %	24 bits	OIML 6 000 d
Internal resolution	24 bits	24 bits	-	±500 000 pts	24 bits
Calibrated resolution	500 000 pts	500 000 pts	-	6.25 ... 1600 meas./s.	±500 000 pts
Max. measuring speed	6.25 ... 1600 meas./s.	6.25 ... 1600 meas./s.	-	● / ● 2 I / 4 O	6.25 ... 1600 meas./s.
Logic Input (I) / Output (O)	● / ● 2 I / 4 O	● / ● 2 I / 4 O	○ 2 O	-	○ / ● 4 I / 4 O
Analog output	-	-	●	-	○
Bluetooth	-	-	-	-	○
Communication	RS485, CANbus	RS485, CANbus, EtherNet	-	RS232, RS485, CANbus	USB, RS485, CANbus, EtherNet
Construction	Aluminum	Stainless steel	Rail DIN support / Boitier ABS	Rail DIN support / Aluminum box	Rail Din support / Stainless steel Housing
Protocols	Modbus CANopen®	Modbus, CANopen®, EtherNet/IP, PROFINET®	-	Modbus CANopen®	Modbus, PROFIBUS-DP, CANopen®, EtherCAT®, EtherNet/IP, PROFINET®
Protections	IP65	Scellé, IP69K	- / IP65	- / IP67	- / IP65
Display	-	-	-	-	○ 4"3 - 5"7