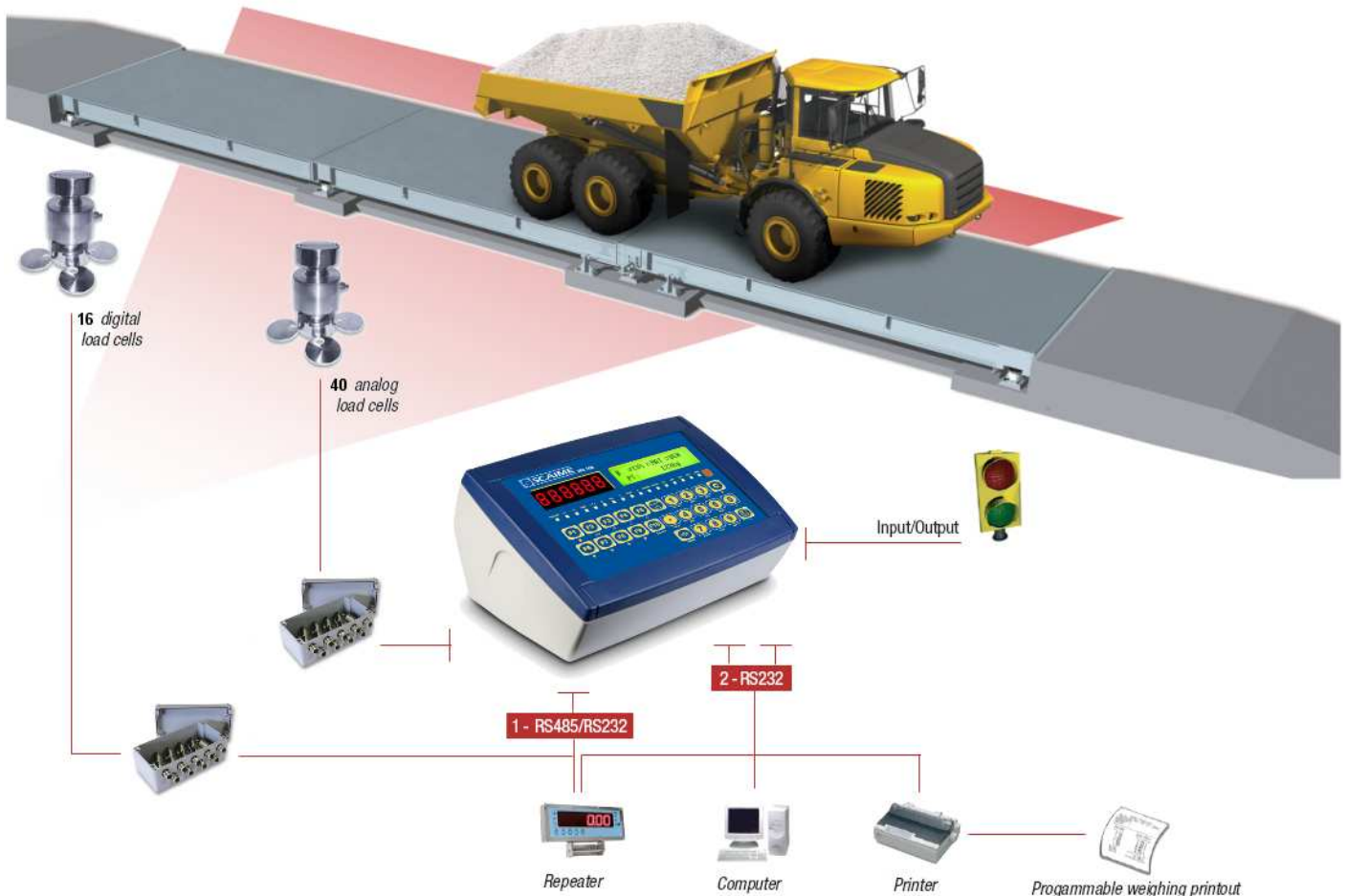


A comprehensive product range

More than twenty years experience supplying the largest weighbridge manufacturers have enabled us to build a range of products known for their reliability throughout the world. This range includes :

- ▶ Digital or analog compression load cells.
- ▶ Mounting hardware's especially designed for vehicle weighing.
- ▶ Rugged load cell junction boxes suited for demanding environment.
- ▶ Weighing terminal with advanced features dedicated to weighbridge management.



IPE100, Advanced weighing terminal for both analog or digital load cells

The IPE100 is a weighing terminal offering advanced functionalities dedicated to material flow management on a weighbridge. It is designed to manage up to 2 weighbridges and provides as a standard :

- ▶ Capacity to run up to 40 analog load cells or 16 digital load cells.
- ▶ In/Out vehicle management with vehicle weighing in 1 or 2 passes.
- ▶ Database management for Customers/Suppliers, Materials and Vehicles
- ▶ Completely programmable weighing printouts
- ▶ Traffic lights management

It also includes :

- ▶ A data storage device (Alibi memory).
- ▶ In-built lightning protection for both analog or digital load cell input.
- ▶ several interfaces for peripherals and accessories connection.

CB50X & CB50X-DL, proven performance in weighbridge applications

Our compression load cell range is at the heart of our solutions for weighing vehicles. The analog CB50X and its digital upgrade CB50X-DL incorporate the most recent technological improvements and provides exceptional metrological and robustness properties :

- ▶ Full stainless steel construction, hermetically welded sealed for use in harsh environments (IP68).
- ▶ Steel armoured cable against rodent



Corrosive



Wet



Cold



Heat



Lightning



Rodent

- ▶ Self-centering spherical base allowing deck movement
- ▶ Compact design and identical dimensions for easy integration
- ▶ Mounting hardware allowing replacement of competitor load cells



CB50X

simple, reliable and high performance

- ▶ High accuracy signal equalization, to make weighbridge corner adjustment quick and easy.
- ▶ Off-center compensation allowing a plates parallelism default without losing accuracy
- ▶ Fast and tool-free load cells connection thanks to aluminum and waterproof junction box ALCJB
- ▶ Optional in-built lightning protection available



C4



ATEX



11010011010

CB50X-DL

Enter the age of digital weighing

- ▶ output signal unaffected by electrical noise, long distance wiring
- ▶ Independent and easy load cell failure diagnostic
- ▶ Highly accurate output of 200 000 counts, pre-calibrated in factory.
- ▶ Last generation 24 bits analog to digital converter, measuring rate up to 200 meas/s
- ▶ RS485 communication with optimized network for high-speed transmission of synchronized measurements, to guarantee the indicator display high reactivity (25 meas/s with IPE100 terminal and 6 CB50X-DL connected)
- ▶ Possibility to connect a weight repeater into the load cells RS485 network.
- ▶ Complete lightning protection with DLCJB junction box



C4, C5