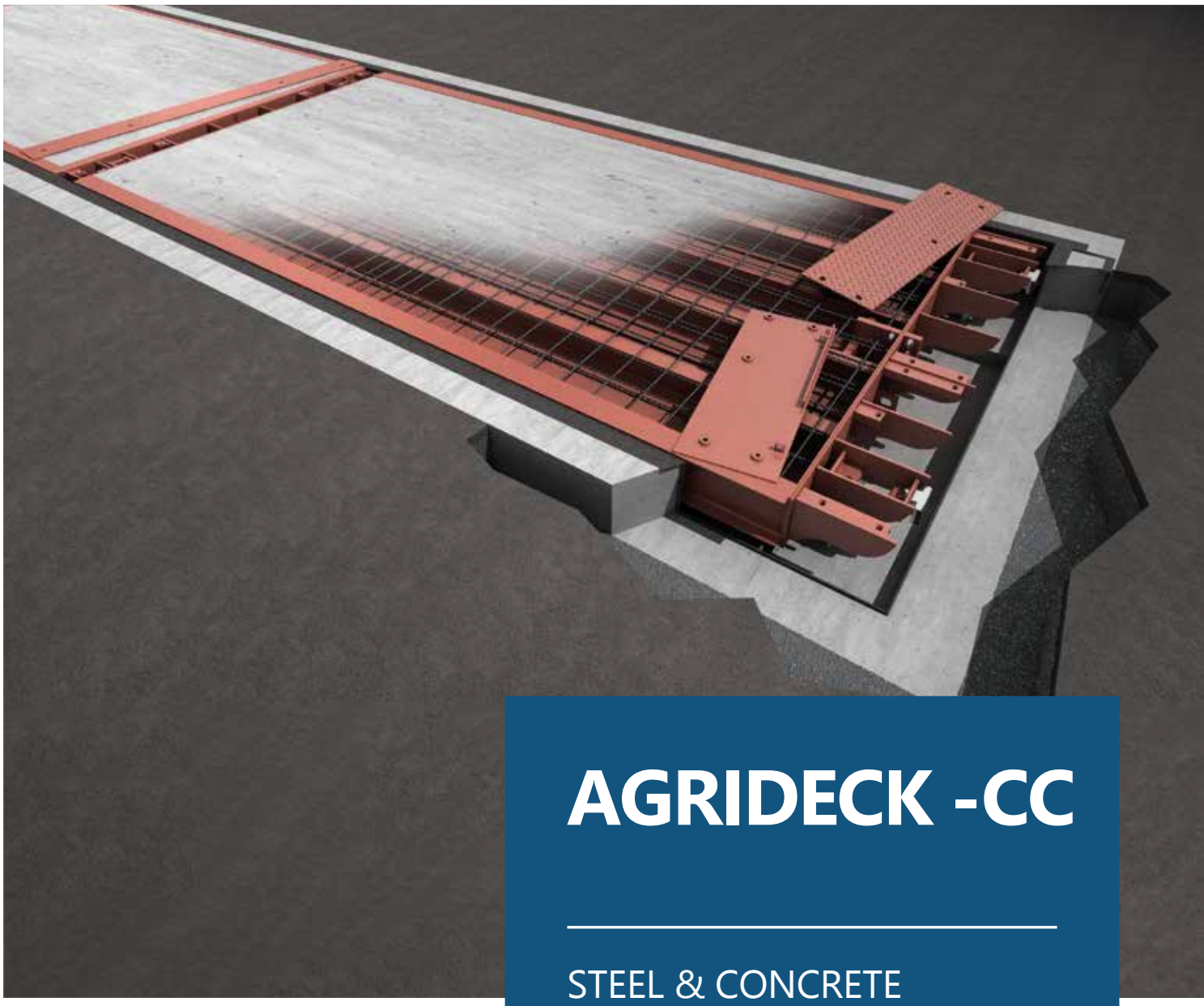
PARKERFARM
WEIGHING SYSTEMS



AGRIDECK -CC

STEEL & CONCRETE WEIGHBRIDGE CAST-IN-SITU CONCRETE DECK

BILANCIAI GROUP

AGRIDECK -CC

STEEL & CONCRETE
WEIGHBRIDGE CAST-IN-
SITU CONCRETE DECK

IATEX certifcation

Conformity to Directive 2014/31/EU)

Loadcells Stainles steel IP68/69K

VERSATILE AND HIGH QUALITY IDEAL FOR CORROSIVE ENVIRONMENTS

The AGRIDECK -CC weighbridge, manufactured using a steel and concrete composite design, is the ideal solution for weighing road vehicles and heavy plant machinery up to 50 tonnes capacity. Its independent modular structure simplifies transport, handling and installation whilst ensuring long-term weighing accuracy, even where natural foundation settlement may occur

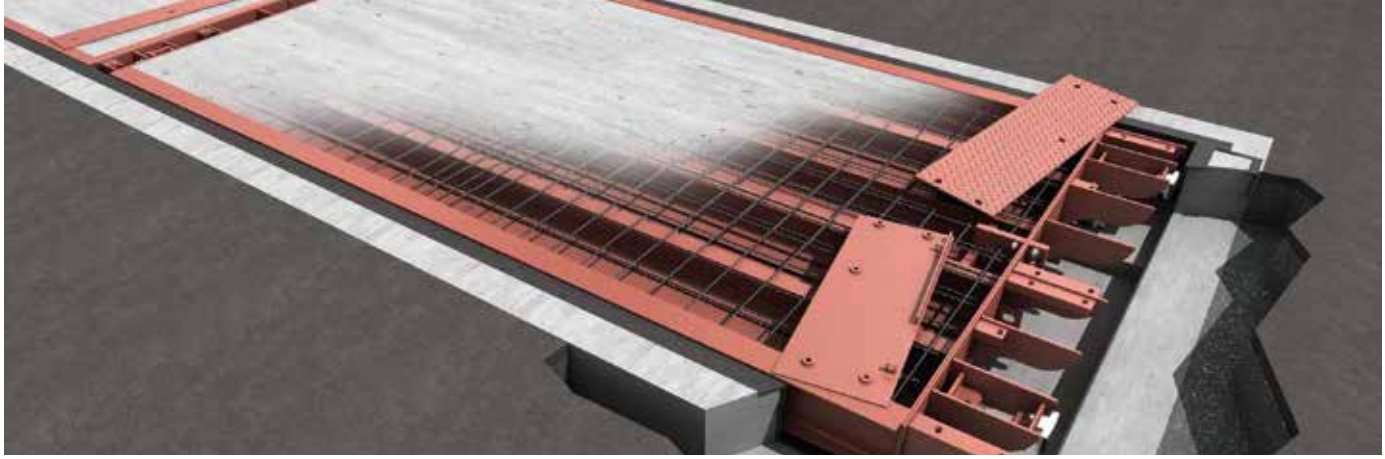
The compact profile allows installation either as a traditional pit-mounted weighbridge requiring only a 500 mm deep foundation or as a surface-mounted weighbridge with ramps only 400 mm high. The weighing system is equipped with multiple stainless steel compression load cells. The weight indicator and peripheral devices provide accurate weight display and complete weighing management functions.

Careful material selection, anti-corrosion treatments, advanced engineering solutions and a comprehensive range of options and accessories make the AGRIDECK -CC one of the most versatile and highest quality weighbridges available today

THE CONCRETE DECK IS CAST DIRECTLY INTO THE PRE-ASSEMBLED STEEL STRUCTURE WITHIN THE FOUNDATION PIT.

KEY BENEFITS

- **Easy and economical transport**
- **Excellent resistance to harsh weather conditions**
- **Flexible installation options**
- **Multi-range weighing for optimum scale divisions relative to capacity**



RECOMMENDED APPLICATIONS

- General-purpose above-ground and pit-mounted installations

OPTIONAL ACCESSORIES

- **Multi-range version (digital version only)**
- **ATEX version for hazardous areas**
- **Weight indicators and printers**
- **Ramp support framework**
- **Custom paint finishes**
- **Peripheral electronic equipment**
- **Anti-rodent cabling kit (digital versions)**
- **DiLink wireless communication system**

CONCRETE DECK SPECIFICATION

IN-SITU CASTING (R'bk > 35N/mm²)

- Portland 325 cement at 450 kg/m³
- Water/cement ratio 0.5
- Continuous aggregate grading with maximum aggregate size 35 mm
- STABIL MAC expansion additive at 20 kg/m³
- MVR anti-freeze air-entraining additive at 60 cc per quintal of cement
- FIBER MESH synthetic fibre reinforcement at 1 kg/m³
- Quartz surface hardener, maximum grain size 1 mm, applied at 3 kg/m²
- Slight crown profile (approx. 10 mm) to assist rainwater drainage

1 YEAR WARRANTY

EXCELLENT RESIDUAL VALUE

- **AGRIDECK -CC WITH DIGITAL LOAD CELLS:**
  - **> REAL-TIME SELF-DIAGNOSTICS OF INDIVIDUAL SYSTEM COMPONENTS**
  - **> MULTIRANGE WEIGHING FOR MAXIMUM WEIGHING RESOLUTION AND ACCURACY**

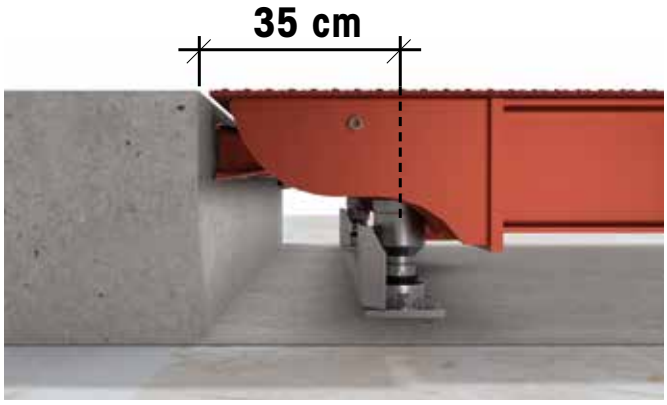
ANTI-IMPACT RUBBER BUFFERS

Heavy-duty end buffers are manufactured from a special impact-resistant material to prevent deterioration of surrounding concrete and road surfaces.



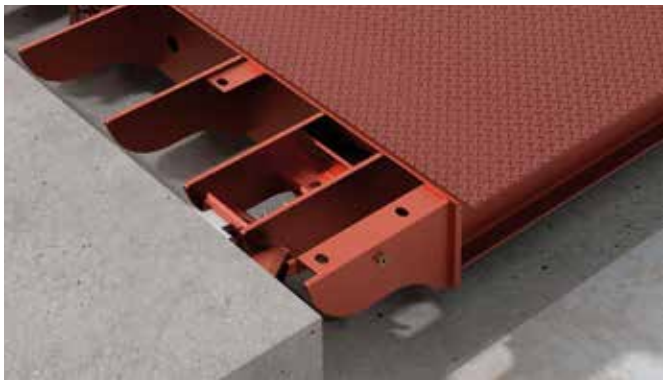
PREVENTION OF DEBRIS BUILD-UP

Load cells are positioned 350 mm from the pit wall and protected by dedicated covers, preventing dirt and debris from affecting weighing performance



EASY MAINTENANCE

Large top-access panels simplify cleaning and maintenance operations while providing convenient access from above.



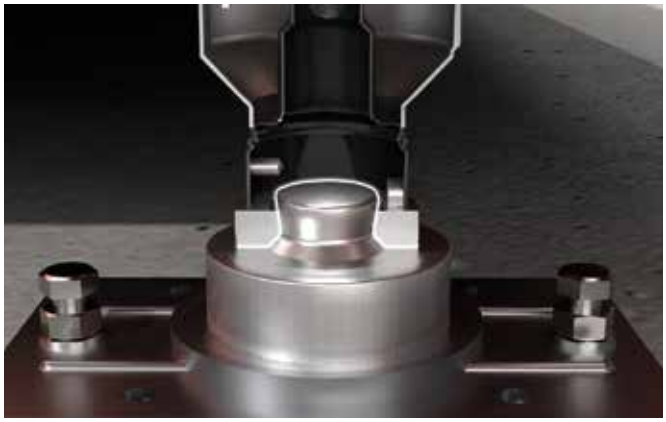
IMPROVED DURABILITY

The innovative modular bridge design ensures even weight distribution across the weighbridge, helping prevent structural damage caused by concentrated loads



SPHERICAL PROTECTED LOAD CELLS

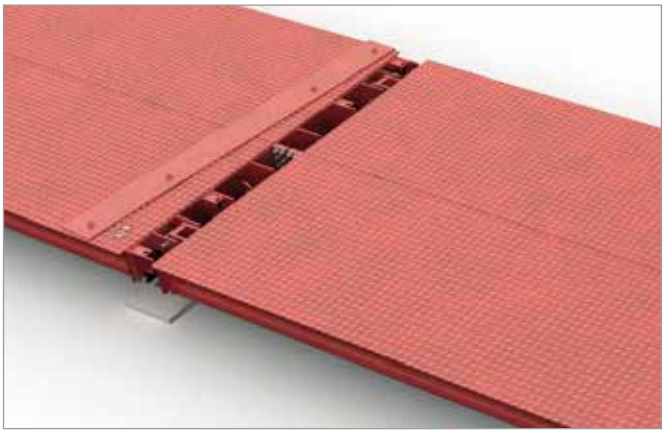
The recessed spherical design protects load cells from contamination such as dust and dirt, ensuring reliable weighing performance over the long term





FAST AND EASY ACCESS TO LOAD CELLS THROUGH INSPECTION HATCHES

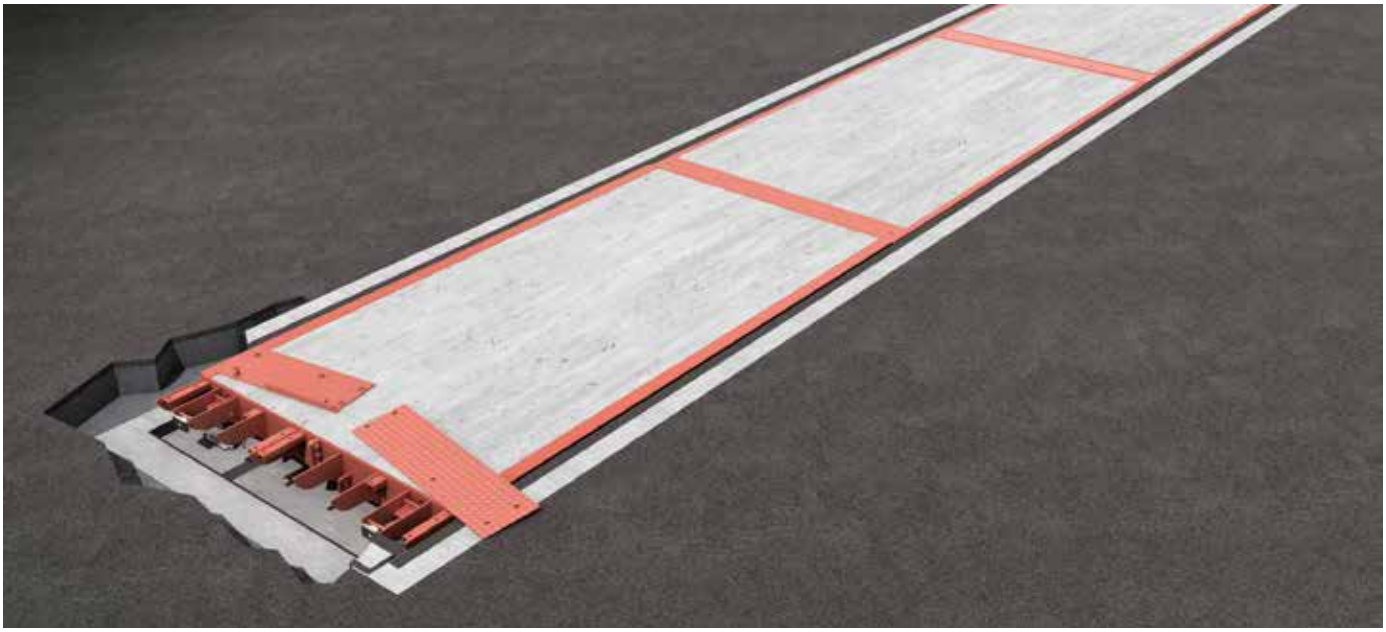




MODULAR WEIGHBRIDGE SECTIONS CONNECTED USING A FLEXIBLE JOINTING SYSTEM

LOAD CELLS DESIGNED AND MANUFACTURED BY COOP BILANCIAI







Double end-edge construction combined with oscillation limiters and anti-impact buffers helps prevent deterioration of surrounding surfaces caused by vehicle braking forces



Stainless steel oscillating load cell supports eliminate damage caused by transverse loads.
Galvanised load cell protection covers help prevent the accumulation of mud, dirt and debris around the load cell assemblies

The load-bearing steel framework has been specifically engineered to work in conjunction with the reinforced concrete deck, ensuring long-term structural strength, stability and weighing accuracy.

All steel components are shot blasted and coated with a high-performance red oxide anti-corrosion finish or grey RAL 7016, providing exceptional protection against oxidation.

STANDARD MODELS AND DIMENSIONS

Model Sizes	Length (m)	Width (m)	Number of cells	Cubic M of Cement	Version DIGITAL			
					Base		Multirange	
					Capacity (t)	Division (kg)	Capacity (t)	Division (kg)
SBP-CO 93	9,56	3	6	6,5	40	10	0-20	5
							20-40	10
SBP-CO 143	14,00	3	8	9,7	60	20	0-40	10
							40-60	20
SBP-CO 183	18,00	3	8	12,6	60	20	0-40	10
							40-60	20
SBP-CO 183	18,00	3	8	12,6	80	20	0-40	10
							40-80	20
SBP-CO 203	19,78	3	10	13,9	60	20	0-40	10
							40-60	20
SBP-CO 203	19,78	3	10	13,9	80	20	0-40	10
							40-80	20
SBP-CO 213	21,11	3	10	14,9	60	20	0-40	10
							40-60	20
SBP-CO 213	21,11	3	10	14,9	80	20	0-40	10
							40-80	20

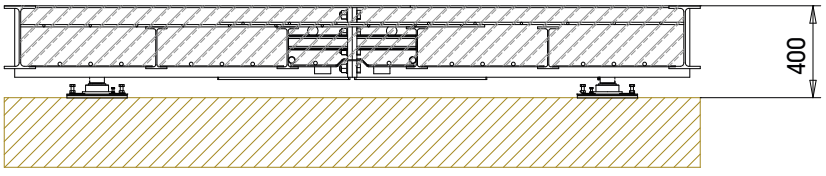
IMPORTANT: SPECIAL SIZES AVAILABLE ON REQUEST.

SUPPLY INCLUDES

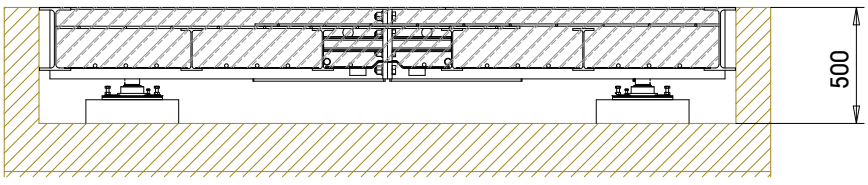
- All reinforcement required for completion of the concrete deck
- 1.5 m wide semi-panels complete with bottom closure plate
- Welded reinforcement mesh

CONCRETE SUPPLY AND POURING NOT INCLUDED IN SUPPLY

Version ANALOGUE CELLS	
Capacity (t)	Division (kg)
40	10
60	20
80	20



Surface Mounted Version



Pit Mounted Version

Nell'intento di migliorare sotto il profilo tecnologico la propria produzione,l'azienda si riserva di apportare in ogni momento e senza preavviso, variazioni e modifiche ai prodotti di cui alle fotografie che precedono.
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