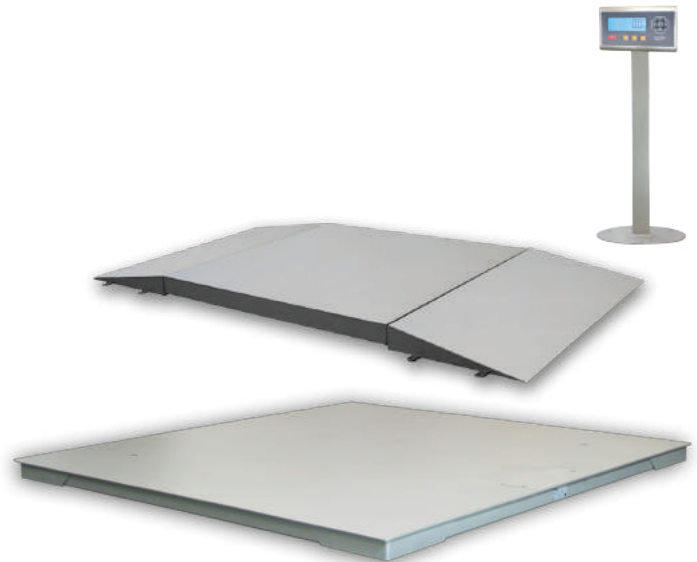# BK Series Floor Scales

Industrial, precision and reliable

Reliable Weighing
• Rugged industrial quality
• Low profile, standard four
  load cell or application
  oriented design
• Three types for pit and
  pitless use
• Depending on the working
  environment; painted,
  galvanised and full stainless
  steel structure and load plate
• Over load and shock protection
• Industrial applications are
  protected according to IP68,
  and qualified for hazardous
  areas

Functionality
• Fast and accurate weighing
• Efficient modular structure
• OIML approval for legal trade
• Advanced or simple weighing
  applications; Labelling,
  formulation, piece counting,
  filling, formulation classifying,
  checking, dynamic weighing,
  packaging
• Process integration such as
  Digital I/O, RS485, Ethernet,
  Analogue Output / Modbus,
  Profibus, Profinet, CANopen
• Expandable with accessories,
  like ramps, stands and wall
  mounting kidds are available.

BAYKON BK series floor scales with their high quality standards, they are designed to work accurately and precisely in harsh industrial areas for years.

They are available from 300 kg to 15000 kg capacities with sizes up to 150x200 cm as various standard sizes and free sizes according to customers' requests. Depending on the working environment; static painted, galvanised and full stainless steel models can be selected.

BAYKON BK series floor scales are compatible with OIML standards and it is produced according to European directives up to 2 x 3000d multi range accuracy classes.

BAYKON BK series floor scales are used in food, cosmetic, metal and metallurgy, logistic, chemical and in all industries at every point; from raw material input to production and packing lines, to warehouse entrance and product shipping. There is always a BK scale for every level of your weighing needs and for any kind of industrial environment such as dusty, heavy wash down, hygienic, hazardous.

BAYKON
Industrial Weighing Systems

Maximize Quality and Performance !

Professional Design
Baykon BK series floor scales are designed at international standards for serving you long time of periods. They are produced three types for pit and pitless use.

Innovative Weighing Technology
The combination of high quality OIML standard 4 load cells and high tech weighing electronics provides intelligent precision weighing in accordance.

Precision Production
BK Series floor scales are produced with modern production techniques. Laser cutting, welding and mounting are done with very carefully.
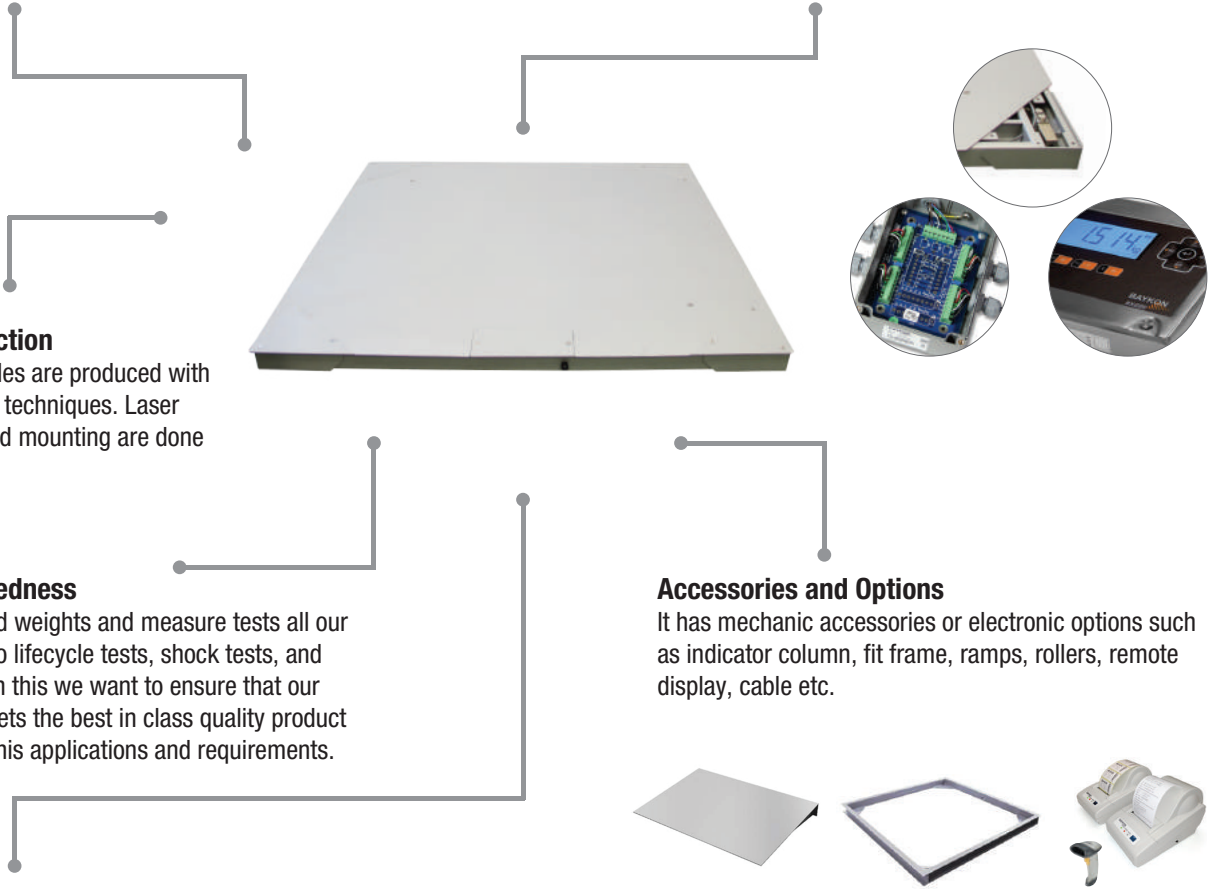
Maximum Ruggedness
Beside the standard weights and measure tests all our scales also undergo lifecycle tests, shock tests, and overload tests. With this we want to ensure that our customer always gets the best in class quality product from us which fits his applications and requirements.

Accessories and Options
It has mechanic accessories or electronic options such as indicator column, fit frame, ramps, rollers, remote display, cable etc.

Functionality
BK series scales provide ergonomic usage both with various capacity and sized weighing platforms and with their modular structure.

Standard/Custom models

Advance labelling

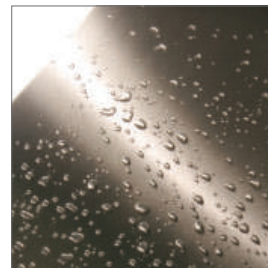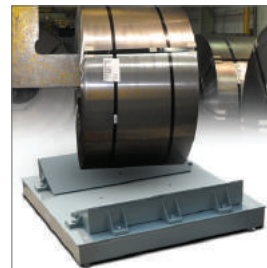**Formulation / Recipe**

Checking and classifying

Advance piece counting

Auto. or manuel filling

Dynamic weighing

Wet and hygienic areas

High capacities weighing

ERP / process integration

Modular Configuration & Specifications

Weighing Platforms

Model	Platform Size (cm)	Weighing Capacities					
		300 kg	600 kg	1500 kg	3000 kg	6000 kg	15000 kg
BK 1010	100 x 100	●	●	●			
BK 1212	120 x 120		●	●	●		
BK 1215	120 x 150		●	●	●		
BK 1220	120 x 200		●	●	●		
BK 1515	150 x 150		●	●	●		
BK 1520	150 x 200		●	●	●		
BKF xxxx (Free size)	Maximum 300 x 300	○	○	○	○	●	●

Readability

		300 kg	600 kg	1500 kg	3000 kg	6000 kg	15000 kg
OIML Approved	Single range	100 g	200 g	500 g	1 kg	2 kg	5 kg
	2 x 3000e Multi range	50 /100 g	100 / 200 g	200 / 500 g	0,5 / 1 kg	1 / 2 kg	2 / 5 kg
Non-approved industrial usage		20 g	50 g	100 g	0,2 kg	0,5 kg	1 kg
Minimum weighing		1 kg	2 kg	5 kg	10 kg	20 kg	50 kg
Overload limit		500 kg	1000 kg	2500 kg	5000 kg	10000 kg	20000 kg

Construction

Type	Welded / Corner open / Separate load plate
Load plate	Painted, Stainless steel
Main structure	Painted / Galvanised / Stainless steel

Weight Indicators / Terminals

Models	BX... Series Weight Indicators / Terminals	BX1... Series Weight Indicators / Controllers	BX2... Series Weight Indicators / Terminals	BX6... Series Application Terminals
Accuracy class	OIML Class III			
Display type	20 mm height, 6 digit, 7 segment, LED	14 mm height, 6 digit, 7 segment, LED	25mm wide angle LCD display with multicolor	5.7'' or 10.1" colour graphic LCD display with touch
Housing	• IP65, full stainless steel desk and wall types • IP65, ss front panel aluminum body panel type	• IP65 stainless steel front panel, aluminum body panel type • ABS, DIN rail type	• ABS desk and wall types • Stainless steel desk and wall types	• ABS desk and wall types • Stainless steel desk and wall types • IP65 stainless steel front panel, aluminum body panel type

Functionality

	BX...	BX1...	BX2...	BX6...
Simple weighing	●	●	●	●
Dynamic weighing	●	-	●	●
Advance labelling	●	-	●	●
Filling or formulation	○	○	○	○
Classifying and checking	●	-	●	●
Counting	-	-	●	●
Recovery	○	-	●	●

Connections

	BX...	BX1...	BX2...	BX6...
RS232C serial data	●	●	●	●
Process integration (Digital I/O,RS485, Ethernet,Analogue Output,Modbus,ProfiBus, Profinet,CANopen)	○	○	○	○
Power	240 VAC, 50/60 Hz or 24 VDC	12 - 28 VDC, max.300mA	100-240 VAC,50 Hz or 12 VDC adaptor	100-240 VAC ,50 Hz
Internal battery	-	-	○	-

○ : May change depending on the model selection.

Accessories & Options

Indicator columns

Ramps

Pit frames

Different size rollers

Remote displays

Ex-proof or IP68

Printers/Barkode readers

Wireless communication

Data collection softwares

Calibration Certificates

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