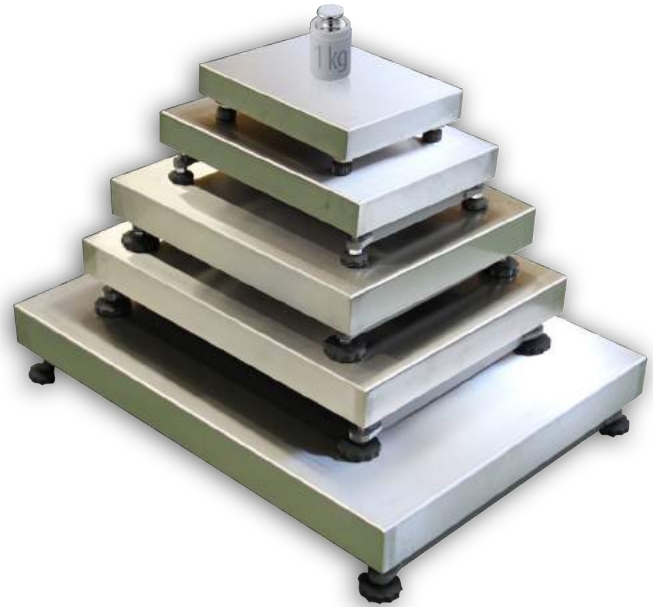


BT Series Bench and Stand Scales

Industrial, precision and reliable



Reliable Weighing

- Rugged industrial quality
- Application-oriented design and construction
- Painted or stainless steel understructure with standard stainless steel load plate
- Over load protection at corners and at center point
- Industrial applications are protected according to IP67, qualified for hazardous areas
- Especially for food, chemical, metallurgy, logistics and all other industries



Functionality

- Fast and accurate weighing
- Efficient use with modular structure
- OIML approval for legal trade
- Advanced or simple weighing applications; Labelling, formulation, piece counting, filling, 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 kits are available.



BAYKON BT series bench and stand scales are designed with high precision in order to provide usage even under rugged industrial conditions. The strain-gauge technology built in the bench platforms offers a resolution up to 30,000d.

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

Due to its operating environment, BAYKON BT series scales are produced standard painted steel structure and stainless steel load plate or full stainless steel construction; from 3 kg to 600 kg capacities and they have up to 80 x 90 cm standard or up to 120 x 120 cm free size customized platform models.

BAYKON BT series scales are extremely well qualified for food, chemical, metallurgy, logistics and all other industries at all levels of production lines.

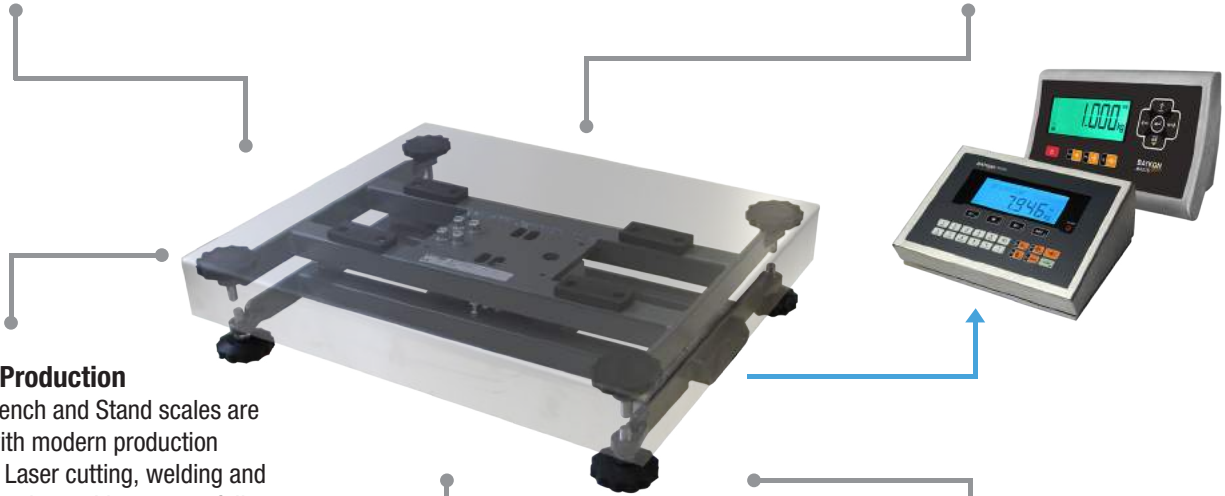
Accuracy in every detail !

Professional Design

Baykon BT series scales are designed at international standards for serving you long time of periods.

Innovative Weighing Technology

The combination of high quality OIML standard load cells and high tech weighing electronics provides intelligent precision weighing in accordance



Precision Production

BT Series Bench and Stand 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, stand, rollers, remote display, cable etc.



Functionality

BT 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



Packaging



ERP / process integration

Modular Configuration & Specifications

Weighing Platforms

Model	Platform Size (mm)	Weighing Capacities								
		3 kg	6 kg	15 kg	30 kg	60 kg	150 kg	300 kg	600 kg	1500 kg
BT 2430	240 x 300	●	●	●	●					
BT 3040	300 x 400		●	●	●	●				
BT 4050	400 x 500				●	●	●			
BT 4560	450 x 600				●	●	●	●		
BT 6080	600 x 800				●	●	●	●		
BT 8090	800 x 900							●	●	
BTF xxxx (Free size)	Maximum 1200 x 1200	○	○	○	○	○	○	○	○	○

Readability

OIML Approved	Single range	1 g	2 g	5 g	10 g	20 g	50 g	100 g	200 g	500 g
	2 x 3000e Multi range	0,5 / 1 g	1 / 2 g	2 / 5 g	5 / 10 g	10 / 20 g	20 / 50 g	50 / 100 g	100 / 200 g	-





Measuring Ranges

Non-approved industrial usage (○)	0,2 g	0,5 g	1 g	2 g	5 g	10 g	20 g	50 g	100 g	
Minimum weighing	10 g	20 g	50 g	100 g	200 g	500 g	1 kg	2 kg	5 kg	
Zeroing range	+ / - 60 g	+ / - 120 g	+ / - 300 g	+ / - 600 g	+ / - 1,2 kg	+ / - 3 kg	+ / - 6 kg	+ / - 12 kg	+ / - 30 kg	
Taring range	From 0 kg to maximum capacity									
Overload limit (Static)	10 kg	15 kg	25 kg	50 kg	100 kg	200 kg	500 kg	1000 kg	○	

Construction

Load plate	BT2430, BT3040 stainless steel, other models painted or stainless steel									
Main structure	Painted / Galvanised / Stainless steel									

Weight Indicators / Terminals

Models				
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	<ul style="list-style-type: none"> •IP65, full stainless steel desk and wall types •IP65, ss front panel aluminum body panel type 	<ul style="list-style-type: none"> •IP65 stainless steel front panel, aluminum body panel type •ABS, DIN rail type 	<ul style="list-style-type: none"> •ABS desk and wall types •Stainless steel desk and wall types 	<ul style="list-style-type: none"> •ABS desk and wall types •Stainless steel desk and wall types •IP65 stainless steel front panel, aluminum body panel type
Functionality				
Simple weighing	●	●	●	●
Dynamic weighing	●	-	●	●
Advance labelling	●	-	●	●
Filling or formulation	○	○	○	○
Classifying and checking	●	-	●	●
Counting	-	-	●	●
Recovery	○	-	●	●
Connections				
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 12V DC adaptor	100-240 VAC, 50 Hz
Internal battery	-	-	○	-

(○): May change depending on the model selection

Accessories & Options



Indicator columns



Stand and Carriage



Different size rollers



Holding parts



Remote displays



Ex-proof or IP68



Printers/Barkode readers



Wireless communication



Data collection softwares



Calibration Certificates

🌐 baykon.com/en



Specifications are subject to change without notice. 01 - 12 / 2016

Head Office

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