

RETAIL SCALES

500 Range

DIBAL

Ovlašćeni zastupnik



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500 RANGE retail scales bring a new concept in technology and ease of operation. With **4 SERIES** of products, featuring different levels of functionality: **WIND, MISTRAL, TORNADO and STAR.**

Features

- Extensive information for each PLU: normal price and offer price, price for weight ranges and by kg/100 g, up to 3 names of 20 characters or 2 names of 30 characters, up to 20 free texts of 24 characters, 1 text of 3,000 characters, etc.
- PLU search by code or name.
- Preset keys to programming menus: to change prices, register PLUs or vendors, etc.
- Direct access to 999 PLUs from the keyboard.
- Drill down menus.
- Printing of the scale menus.
- Programmable macros: recording of a sequence of keys to create direct access to any task (reopening of receipt, lists, change in batch number, etc.).
- Sales and management reports: sales (by article, vendor, time frames, last month, etc.), margins, balance available in the cash drawer, modified PLUs, etc.
- Fast and reliable communication between scales, with PC and mobile devices (via DWS).
- Stocks management on the scale.
- Stock / order mode.

Capacity / Accuracy

- Mono-range (3.000 divisions): 15 kg / 5 g.
- Optional:
 - › Mono-range (3.000 divisions): 30 kg / 10 g.
 - › Multi-range (3.000 divisions): 6 kg / 2 g - 15 kg / 5 g, o 15 kg / 5 g - 30 kg / 10 g.
 - › Mono-range (6.000 divisions): 12 kg / 2 g o 30 kg / 5 g.

Construction

- Highly resistant ABS plastic or stainless steel casing.
- Stainless steel plate.
- Access to all non-metrological components without the need to unseal the scale (except in Wind Series).

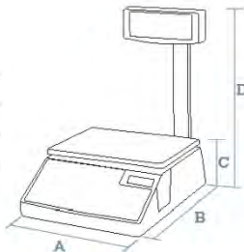


Models and formats (Dimensions)

DATA IN mm

A	365
B	440
C	160
D	530

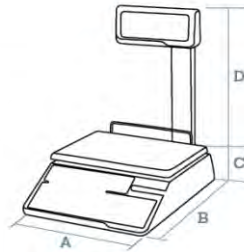
Plate (stainless steel):
L360 x W260 mm



DATA IN mm

A	370
B	450
C	140
D	515

Plate (stainless steel):
L360 x W260 mm



DATA IN mm

A	375
B	470
C	180
D	565

Plate (stainless steel):
L360 x W260 mm

Flat and Pole,
with label/receipt printer.

Flat and Pole "XL",
with receipt printer or
label/receipt printer.



Flat and Pole,
with receipt printer.



Displays

- Backlit LCD segment display (W150.2 x H43.4 mm) for vendor and buyer (showing weight, price/ kg, total, tare, vendors and name of article).
- Optional:
 - › LCD matrix graphic display (W134 x H41 mm or W188 x H55 mm) for vendor and buyer. Possibility of showing: logos, profitability codes, warning messages sent from a PC (on vendor display) and advertising messages with animated effects on buyer display.
 - › 7" TFT display for vendor and buyer (shows advertising and promotional images even during sales operations). Available in Star Series.



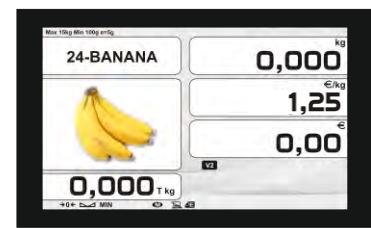
Segment display



Graphic display L size



Graphic display L size



7" TFT colour display



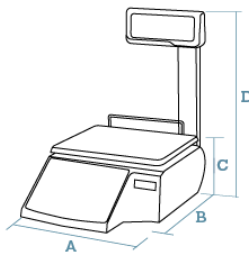
Printer(s)

- Models available with 1 printer for receipts, 1 printer for labels (also suitable for receipts by changing the paper roll and the working mode) or 2 printers (for receipts and for labels)
- 54 mm thermal printer.
- High resolution (8 dots/mm) and speed (depending on models, up to 100 mm/sec).
- Cassette for immediate paper roll change (in label printers).
- Optional:
 - › Linerless, in label printers (except for Wind Series).

DATA IN mm

A	375
B	470
C	180
D	565

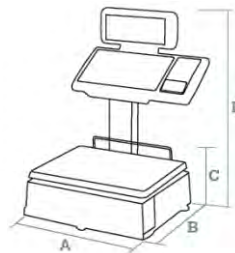
stainless steel):
L360 x W260 mm



DATA IN mm

A	375
B	470
C	140
D	547

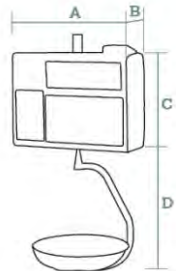
Plate (stainless steel):
L360 x W260 mm



DATA IN mm

A	405
B	70
C	285
D	415

Plate (stainless steel):
Ø 310 mm



Flat and Pole,
with label/receipt printer.

Double Body, with receipt printer,
label/receipt printer or 2 printers:
receipts + labels.



Hanging ABS, with receipt printer,
label/receipt printer or 2 printers:
receipts + labels.

Receipts

- 15 fonts (6 monospaced + 9 multispaced: more modern and legible).
- Up to 70 lines, depending on Series.
- EAN-13 bar codes. In addition, EAN-128 and CODE-128 in Tornado and Star Series.
- 9 payment methods.
- Total in National currency and another 3 currencies.
- Discounts per line and total.
- 2 fixed formats and up to 2 programmable formats.
- 4 logos per receipt.
- Name of vendor.
- Customers on account.
- Loyalty points, in Tornado and Star Series.
- Recipes, in Tornado and Star Series.

Labels

- 15 fonts (6 monospaced + 9 multispaced: more modern and legible).
- From W30 x L30 mm up to W60 x L150 mm, depending on models.
- 20 fixed formats and up to 40 programmable formats.
- 100 logos.
- EAN-13 bar codes. In addition, EAN-128 and CODE-128 in Tornado and Star Series.
- Up to 60 fields of information.
- 100 programmable texts.
- Manual and automatic pre-packing modes.
- 3 levels of totals.
- Printing of "n" copies of labels.
- Printing with 90°, 180° and 270° rotation
- Automatic adjustment of the paper detection option.
- Packaging date, expiry date and extra date (for any application).
- Alphanumeric batch number.
- Up to 10 types of generic traceability (for meat, fish, fruit, vegetables, etc.) up to 99 products. Included in the prevailing European legislation on bovine traceability.

Food information

- Compliance with EU Regulation 1169/2011 on the provision of food information to consumers as of 13 December 2016:
 - › Minimum letter size: 1.2 mm.
 - › Effect (bold, underlined or both) for each character in the text, depending on models.
 - › Possibility of using the general text "G" (3,000 characters) for ingredients, in lower case or UPPER CASE to highlight allergens.
 - › Possibility of including a table of nutritional facts.
 - › Free texts (20 x 24 characters).*
 - › For direct sale receipts and labels: possibility of indicating in the PLU name (with an * or other symbol) those that contain allergens and programming a text, such as "* Consult allergens".
 - › Depending on models, possibility of printing 2 labels for each operation: programmable by PLU, configurable information, 2nd automatic or manual label (also to be used as promotional labels).

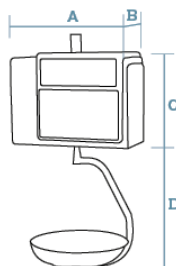


* Note: Labels of basic models of Wind Series (W-010, W-010 B, W-015) and Mistral Series (M-510, M-510 B, M-515) do not comply with the labelling of packaged food Regulation (only 5 texts of 24 characters are available).

DATA IN mm

A	405
B	70
C	285
D	415

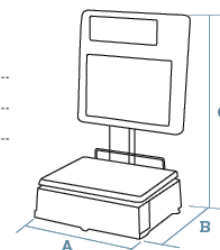
Plate (stainless steel):
Ø 310 mm



DATA IN mm

A	375
B	375
C	680

Plate (stainless steel):
L360 x W280 mm



Hanging stainless steel,
with receipt printer, label/receipt printer,
or 2 printers: receipts + labels.



Self-service,
with label printer.



Table of models

OPT. = Optional. * Using Shift and Vendor keys. ** Only in Double body and Self-service format. *** Except for Hanging ABS format.

Series	Model	Format					Display				PLUs		Macros	Vendors	Printer			Interconnection	Communi-cations				Battery		
		Flat (F)	Pole (P)	Double Body (DB)	Hanging ABS (HA)	Hanging St. Steel (HS)	Self-service (SS)	Segment LCD	Graphic LCD L	Graphic LCD XL	7" Colour TFT	Total			Direct	Paper type	Speed (mm/s)		Linerless	Built-in scanner	Ethernet	WiFi	Scanner	Cash drawer	USB
Wind	W-010	●	●				●				2.000	45x2 + 4x2*		5	Receipt	80		5	● OPT.	●				OPT.	
	W-010 B	●	●				●				2.000	45x2 + 4x2*		5	Receipt	60		5	● OPT.	●		●			
	W-015	●	●				●				2.000	45x2 + 4x2*		5	Label (or Receipt)	80		5	● OPT.	●				OPT.	
	W-020	●	●				● OPT.				5.000	40x2 + 9x2*		2	10	Receipt	100		10	● OPT.	● ●			OPT.	
	W-020 B	●	●				● OPT.				5.000	40x2 + 9x2*		2	10	Receipt	60		10	● OPT.	● ●		●		
	W-025	●	●				● OPT.				5.000	40x2 + 9x2*		2	10	Label (or Receipt)	100		10	● OPT.	● ●			OPT.	
Mistral	M-510	●	●	●	●	●	●				2.000	45x2 + 4x2*		5	Receipt	80	OPT.**	5	● OPT.	●				OPT.***	
	M-510 B	●	●	●			●				2.000	45x2 + 4x2*		5	Receipt	60	OPT.**	5	● OPT.	●		●			
	M-515	●	●	●	●	●	●				2.000	45x2 + 4x2*		5	Label (or Receipt)	80	OPT.**	5	● OPT.	●				OPT.***	
	M-520	●	●	●	●	●	● OPT.				5.000	40x2 + 9x2* (F, P) 70x2 + 9x2* (DB, HA, HS)		2	10	Receipt	100	OPT.**	10	● OPT.	● ●			OPT.***	
	M-520 B	●	●	●			● OPT.				5.000	40x2 + 9x2* (F, P) 70x2 + 9x2* (DB)		2	10	Receipt	60	OPT.**	10	● OPT.	● ●		●		
	M-525	●	●	●	●	●	● OPT.				5.000	40x2 + 9x2* (F) 70x2 + 9x2* (P, DB, HA, HS) 100 (SS)		2	10	Label (or Receipt) (only Label in Self-Service)	100 OPT.	OPT.**	10	● OPT.	● ●			OPT.***	
Tornado	T-530			●	●	●	● OPT.	OPT.			8.000	60x2 + 19x2*		5	20	Receipt	100	OPT.**	16	● OPT.	● ●	● OPT.		OPT.***	
	T-530 B			●			● OPT.	OPT.			8.000	60x2 + 19x2*		5	20	Receipt	60	OPT.**	16	● OPT.	● ●	● OPT.	●		
	T-535	●	●	●	●	●	● OPT.	OPT.			8.000	30x2 + 19x2* (F) 60x2 + 19x2* (HA, HS) 90x2 + 19x2* (P) 95x2 + 19x2* (DB) 100-150-208 (SS)		5	20	Label (or Receipt) (only Label in Self-Service)	100 OPT.	OPT.**	16	● OPT.	● ●	● OPT.		OPT.***	
Star	S-540			●	●	●	● OPT.	OPT.			10.000	60x2 + 19x2*		60	20	Receipt	100	OPT.**	16	● OPT.	● ●	● ●		OPT.***	
	S-540 B			●			● OPT.	OPT.			10.000	60x2 + 19x2*		60	20	Receipt	60	OPT.**	16	● OPT.	● ●	● ●	●		
	S-540 COLOUR			●		●			●		10.000	60x2 + 19x2*		60	20	Receipt	100	OPT.**	16	● OPT.	● ●	● ●		OPT.	
	S-545	●	●	●	●	●	● OPT.	OPT.			10.000	30x2 + 19x2* (F) 60x2 + 19x2* (HA, HS) 90x2 + 19x2* (P) 95x2 + 19x2* (DB) 100-150-208 (SS)	30 (F) 60 (HA, HS) 90 (P) 95 (DB) 100 (SS)		20	Label (or Receipt) (only Label in Self-Service)	100 OPT.	OPT.**	16	● OPT.	● ●	● ●			OPT.***
	S-545 COLOUR	●	●		●				●		10.000	60x2 + 19x2* (HS) 90x2 + 19x2* (P) 95x2 + 19x2* (DB)	60 (HS) 90 (P) 95 (DB)		20	Label (or Receipt)	100 OPT.	OPT.**	10	● OPT.	● ●	● ●		OPT.	
	S-547			●	●	●	● OPT.	OPT.			10.000	60x2 + 19x2*		60	20	Receipt + Label	100 OPT.	OPT.**	16	● OPT.	● ●	● ●		OPT.***	
	S-547 COLOUR			●		●			●		10.000	60x2 + 19x2*		60	20	Receipt + Label	100 OPT.	OPT.**	16	● OPT.	● ●	● ●		OPT.	

OPT. = Optional. * Using Shift and Vendor keys. ** Only in Double body and Self-service format. *** Except for Hanging ABS format.

Communications

- TCP/IP Ethernet for interconnection and connection to PC.
- RS-232, for connection to scanner.
(Not available in basic models of Wind Series, W-010, W-010 B, W-015, and Mistral Series, M-510, M-510 B, M-515).
- USB: Included in Star Series; optional in Tornado Series.
- Wi-Fi optional.

Built-in scanner (optional)

- Available the option of built-in scanner in 500 Range scales of Double body and Self-service formats.
- Functions of built-in scanner:
 - › Search a product by its EAN-13 or EAN-8 (only one EAN per product).
 - › Pre-packed products: read information like weight/quantity/price contained in the barcode.

Security

- Access to different protected programming menus via configurable passwords.

Interconnection

- Up to 16 scales per section.

Connectivity with other devices

- PC.
- Bar code scanner (powered by the scale - 5 VDC) to read EAN-13 and EAN-128 bar codes. In addition, EAN-128 in Tornado and Star Series.
(Not available in basic models of Wind Series, W-010, W-010 B, W-015, and Mistral Series, M-510, M-510 B, M-515).

Power supply

- Mains: 110 up to 230 VDC.
- Depending on model, also:
 - › High performance rechargeable internal battery: up to 52 hours of life (calculated for 1,500 receipts, with 3 articles per receipt) and connector to external battery 12 V.
 - › Anti-blackout rechargeable internal battery 24 V and connector to external battery 24 V.

PC Software

- DFS (Dibal Friendly Software):
 - › Programming of scales.
 - › Receipt of sales data.
 - › Data backup copy.
 - › Graphic design of receipts and labels.
 - › Design and management of advertising images for graphic display and colour TFT.
- DLD (Dibal Label Designer):
 - › Graphic design of receipts and labels.
- Integration tools:
 - › In Windows or Linux to facilitate communication with the Back-Office.

Scale firmware

- DWS (Dibal Web Server):
 - › Allows access to the information on each scale (via passwords) from any computer or mobile device with an Internet browser.

