

Explosion Proof, Flexible and Accurate BTA226x



For Hazardous Area Weighing

The BTA226x pallet truck scale is the solution for mobile weighing in hazardous environments. Designed for applications like filling, mixing and dosing in Ex areas. This pallet truck allows you to weigh everywhere in your Ex production facilities. Ideal for handling drums, barrels or containers.



IND226x Weighing Terminal

The IND226x weighing terminal is approved for installation in Zone 1/21 and Division 1 classified hazardous areas, according to ATEX and FM guidelines. Thanks to the large, 7-segment LED display the IND226x weight readout is always clear, even in less well-lit places.



Continuous Operation

Thanks to the rechargeable and exchangeable battery you can work without interruptions. The BTA226x is powered by a 7Ah Pb rechargeable battery. The charger is easy to connect. An extra battery pack is available as an option.



Explosion proof

Explosive areas need special consideration, but performance should not be compromised. That's why METTLER TOLEDO offers a range of hazardous area (Ex) mobile weighing products up to 2000 kg capacity.



Mobile Weighing = Cost Saving

The BTA226x is designed for heavy industrial use. Its chassis is available in a painted version with stainless steel fork shoes and in a 100% stainless steel version for pharmaceutical or chemical use.

Mobile weighing means cost saving. You can work more efficient by bringing the scale to the load instead of moving the load to the scale. A built-in rechargeable and exchangeable EXi battery powers the weighing system and provides enough energy for 70 hours autonomy. This integrated power supply enables you to weigh anywhere the pallet truck goes.

The BTA226x offers:

- Ex certified Class ATEX II 2G Ex ib IIC T4 Gb
- 1500 kg or 2000 kg capacity
- A large display with 30 mm high weight readout
- Rotating indicator
- IP65 protection class
- Battery status in the display
- Rechargeable and exchangeable battery pack

Technical Data

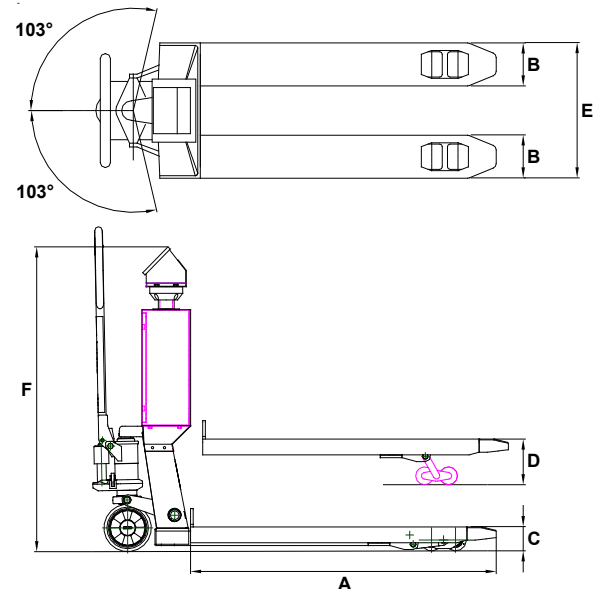
BTA226x

Weighing System

- 1500 kg capacity, or 2000 kg capacity
- 4 pcs of 1,000 kg loadcells
- IND226x terminal, for mobile use
- Robust pallet truck chassis
- System protection class IP65
- 10V / 8 Ah exchangeable and rechargeable Ex-battery, battery charger included

Options

- OIML approved Legal for trade incl. FlexBolt loadcell mounting



Technical drawing

Specifications

Model	BTA226x-RP2000	BTA226x-RS2000
Terminal type	IND226x	IND226x
Capacity (kg)	2000	2000
Graduation, multirange (kg)	0,5	0,5
Max. inaccuracy	0.1% of the load lifted	0.1% of the load lifted
Minimum load (kg)	10	10
Battery capacity	8 Ah	8 Ah
Battery life, continuous use	70 hours	70 hours
Automatic switch-off when not used	After 15 minutes	After 15 minutes
Charging time	6 hours	6 hours
Charger	Included	Included
Steering wheels	Rubber, antistatic	Rubber, antistatic
Loading wheels	Polyurethane, tandem	Polyamid, single
Scale material	Steel	Stainless steel AISI 304 / 14301
Colour / Surface finish	Blue (RAL 5003), epoxy painted	Bead blasted
Fork shoe	Stainless steel	Stainless steel
Protection class	System IP65, load cells and terminal IP67	System IP65, load cells and terminal IP67
Ex-class	ATEX II 2G Ex ib IIC T4 Gb	ATEX II 2G Ex ib IIC T4 Gb
Dimensions in mm		
A Fork length	1150	1150
B Fork width	170	170
C Lowered fork height	90	90
D Maximum fork height	210	210
E Width over forks	555	540
F Height to top indicator	1090	1160



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Subject to technical changes
© 11/2012 RAVAS Europe BV & Mettler-Toledo AG, Switzerland
Printed in the Netherlands
ts-lft-mt-lft-print-bta226x-en-eu-20121213

www.mt.com

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