

Improve pick accuracy and speed at the point of pick.

Technical Specification



DESCRIPTION

The Mobile Picking Solution combines a highly accurate scale with specialist picking software to allow the user to verify product and quantity at the point of pick.

KEY FEATURES

Robust and Accurate Solution: The Mobile Picking Solution provides a highly durable workstation that can withstand the harshest warehouse environments while verifying the pick item to 99.75% accuracy at point of pick.

Configurable Workstation: The workstation can be configured by height, depth and width to fit perfectly within your warehouse environment and meet the needs of the picker. Shelf height can be configured to accommodate various sizes of totes and workstation peripherals.

Battery Powered: The workstation's on-board, quick-change and re-chargeable battery pack provides sufficient power to keep the workstation mobile and ready to use throughout a typical 12 hour shift.

Light Weight and Manoeuvrable: Designed for maximum manoeuvrability, the workstation is made of light-weight galvanised steel. The swivel castor wheels with optional stabiliser allow swift movement around the warehouse with minimal operator effort.

Real-time integration to WMS: Data communications pass between the workstation and WMS via the operator's wireless network providing real-time updates and confirmation of each pick accuracy at point of pick.

Connectivity: The mobile picking solution can be connected to a wide array of devices from our highly accurate counting scale to tablets, printers, scanners, light to pick and voice to pick applications and into most inventory management applications.

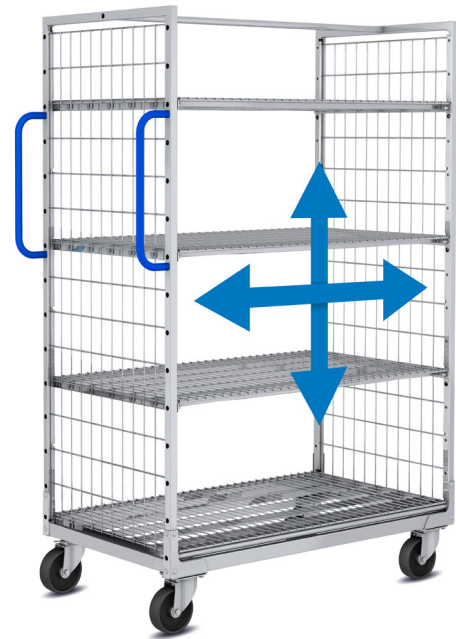
MOBILE PICKING SOLUTION OPTIONS

	OPTION 1	OPTION 2	OPTION 3
Mobile Workstation	●	●	●
Scale	●	●	●
Printer	○	○	○
Battery	●	●	●
Barcode Scanner	○	○	○
Wireless Connectivity		●	●
Smart Device		●	●
Picking Software		●	●
3 rd Party WMS Integration			●

● standard ○ optional

SPECIFICATIONS – MOBILE WORKSTATION

Description	Highly flexible and configurable workstation which can be customised to meet the needs of the end user.		
Size	Workstation length can be configured in increments of 30mm, the width in increments of 50mm and the height in increments of 100mm.		
	Min	Max	Grid Unit
Length (mm)	886	1,816	30
Width (mm)	410	810	50
Height (mm)	1,170	1,870	100
Load Capacity	Total load capacity: 300kg Load capacity per shelf: 75kg		
Weight	Maximum weight of unloaded workstation: 25kg		
Finish	High-gloss, galvanised, chrome-plated		
Wheels	4 swivel castors, Ø 125 mm, rubber tread. Optional 5th centre wheel for added manoeuvrability.		
Ergonomics	Single bar push handle or twin vertical push handles. Made of steel pipe and coated in blue plastic.		
Shelving	Suspended movable wire shelving with mounting bracket to allow user to adjust shelving height. Load capacity per shelf: 75kg,		



Highly configurable workstation

SPECIFICATIONS – SCALES

	ZK830	ZK840
Operating application: Counting	Easy-to-use sampling routines including a one key press bulk process to a two key press dribble sampling routine where the sample key is pressed once all sample parts are on the scale (dribble is the default mode) Positive and negative sampling both possible.	
Display type	Green on black IBN display ideal for low lit areas. Easy to read seven digit ½" (13mm) high seven segment display. Green under, over and accept segment bar.	Touch screen with protective screen cover. Display type is an Improved Super Twisted Nematic (ISTN) Graphic Display 5.3" x 2.75" (135mm x 70mm) : the green illuminated with black background 320 x 160 pixel display provides wide viewing angles and high brightness
Power	The scale is powered by the workstation rechargeable battery as standard via the 12 to 36 VDC power jack on the rear of the base or to the rear of the indicator. .	
Battery Power (optional)	Factory fit NiMH rechargeable battery option to give up to 16 hours of continuous usage in addition to workstation battery.	Factory fit NiMH rechargeable battery option to give up to nine hours of continuous usage in addition to workstation battery..
Platform Size	<ul style="list-style-type: none"> › 500 g to 1 kg (1 lb to 2 lb): Max 230mm x 305mm (9" x 12") with 152mm (6") diameter weight platter › 1 kg to 5 kg (2 lb to 10 lb): Max 230mm x 305mm (9" x 12") with 152mm (6") diameter weight platter › 5 kg to 35 kg (10 lb to 70 lb): Max 230mm x 305mm (9" x 12") › 5 kg to 35 kg (10 lb to 70 lb): Max 305mm x 350mm (12" x 14") › 35 kg to 80 kg (70 lb to 175 lb): Max 305mm x 350mm (12" x 14") 	<ul style="list-style-type: none"> › 500 g to 1 kg (1 lb to 2 lb): Max 230mm x 305mm (9" x 12") with 152mm (6") diameter weight platter › 1 kg to 5 kg (2 lb to 10 lb): Max 230mm x 305mm (9" x 12") with 152mm (6") diameter weight platter › 5 kg to 35 kg (10 lb to 70 lb) Max 230mm x 305mm (9" x 12") › 5 kg to 35 kg (10 lb to 70 lb): Max 305mm x 350mm (12" x 14") › 35 kg to 80 kg (70 lb to 175 lb): Max 305mm x 350mm (12" x 14")
PLU / SKU Memory	40 PLUs piece weight data storage	1,000 typical PLUs internally, or around 3,500 PLUs if installed with a Micro SD card.
SKU Description	7 Characters - alphanumeric	20 Characters - alphanumeric / 40 printable
Count Accuracy	Fully configurable up to 99.75% subject to environment and component size being sampled	
IP Rating	IP42	IP42
Keyboard Pod (optional)	Optional keyboard to allow direct alphanumeric data input into the scale.	N/A
Approvals	OIML 10,000d, EC 10,000d single range* UL/c-UL-US, CE, RoHs, RCM approved* (*pending)	OIML 10,000d, EC 10,000d single range* UL/c-UL-US, CE, RoHs, RCM approved* (*pending)

OPTIONS

Barcode Scanner	DataLogic IGD Series - wired & wireless options available	
Smart Device	Zebra ET50/ET55 Enterprise Tablet Size: 10.1 in. tablet Weight: 750g Display: Corning Gorilla glass3, 3mm, bonded touch panel for strength Connectivity: WLAN: 802.11 a/b/g/n/ac/d/h/l dual band 2x2 MIMO for transit and receive WPAN: Class 2, Bluetooth v4.1 (Bluetooth Smart) Operating System: Android 6.0 (Marshmallow) Mobility Memory: 2GB LPDDR3 RAM; 32GB eMMC Flash; user accessible micro SDXC card slot Drop Specification: Standard 1m drop to concrete without rugged frame; With optional rugged frame 1.8m to concrete per MIL-STD-810G Power: 8700mAh rechargeable Li-ion	
Printer	Zebra GK Series Label Printer Label sizes up to 6" x 4" (larger available dependant on the model of printer)	
Pidgeon Hole/Storage Compartments	Additional storage compartments can be fitted to the workstation for housing necessary items used for order picking	
Waste Management	Facility to store and segregate cardboard, plastic and paper on board the workstation	
Power Supply	Battery charge indicator with 10 hour run-time and tool-free swap out in less than 60 seconds via quick disconnect fitting. Full recharge in less than 6 hours, 12v to 36v output via convertor.	
WMS Software Integration	Bespoke to client requirements, systems and specification	
Picking Variations	Voice to Pick	Full system integration
	Light to Pick	Full system integration
	Paper	Full system integration
	Touch-Screen Interface Tablet	Full system integration
Workstation Communications Required	Wireless router Wi-fi 802.11 a/b/g/n	

Avery Weigh-Tronix

www.averyweigh-tronix.com

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