

SYSTEM SPECIFICATION SHEET

QUOTE#:

REF JOB:

JOB CLASS: A

JOB#:

CUSTOMER:

MODEL#: Beltweigh XE

QTY: 2

SALES: SE

OM PR

ME: MPM

EE: SPE

APPLICATION NOTES:

Customer is responsible for transfers on to and off from the checkweigher.

PACKAGE SPECIFICATIONS:

		<u>Footprint</u>	<u>Length</u>	<u>Width</u>	<u>Height</u>	<u>Weight</u>	<u>Rate</u>	<u>Accuracy</u>
1	Styrofoam Tray, Sausage Patties and Links, Tray-C, Shrink Wrapped	10in 254mm	10.75in 273mm	5.75in 146mm	1in 25mm	16oz(s)	50ppm	+/-1g @ +/-2σ
2	Styrofoam Tray, Sausage Patties and Links, Tray-C, Shrink Wrapped		7.25in 184mm	5in 127mm	1in 25mm	12oz(s)	50ppm	+/-1g @ +/-2σ
3	Styrofoam Tray, Sausage Patties and Links, Tray-C, Shrink Wrapped	9.75in 248mm	10.75in 273mm	8.375in 213mm	1in 25mm	20oz(s)	50ppm	+/-1g @ +/-2σ
4	Styrofoam Tray, Sausage Patties and Links, Tray-C, Shrink Wrapped		13in 330mm	7in 178mm	1in 25mm	14oz(s)	50ppm	+/-1-2g @ +/-2σ

TRANSPORT SPECIFICATIONS:

	<u>Customer Infeed</u>	<u>Min. Req'd Pitch</u>	<u>Inst. Rate</u>	<u>Conveyor 1 Speed</u>	<u>Conveyor 2 Speed</u>	<u>Weigh Conv. Speed</u>	<u>Outfeed Speed</u>	<u>Outfeed Pitch</u>
1	83 fpm 25.30mpm	19.2in 488mm	52	83 fpm 25.30mpm		83 fpm 25.30mpm	83 fpm 25.30mpm	19.2in 488mm
2	83 fpm 25.30mpm	19.2in 488mm	52	83 fpm 25.30mpm		83 fpm 25.30mpm	83 fpm 25.30mpm	19.2in 488mm
3	83 fpm 25.30mpm	19.2in 488mm	52	83 fpm 25.30mpm		83 fpm 25.30mpm	83 fpm 25.30mpm	19.2in 488mm
4	83 fpm 25.30mpm	19.2in 488mm	52	83 fpm 25.30mpm		83 fpm 25.30mpm	83 fpm 25.30mpm	19.2in 488mm

Environment: Wet

Orientation: One Left to Right /
One Right to Left

Over All Length: 1320mm

Air: 60-80 psi

Option Code:

BA

PRODUCT CONFIGURATION, MODEL #: Beltweigh XE

Construction

- Stainless Steel Construction: Stainless Steel construction, suitable for wet environments. For [WD Construction Details](#), see Construction Data Sheet.

Height

- 825mm Conveyor Height, +/-50mm (32.5") [CH825](#)

Infeed Conveyor

- In-Feed Conveyor Module, 300mmW x 400mmL, WD: In-Feed conveyor, stainless steel construction for wet environments. Fabric belt, 30mm diameter stainless steel pulleys, machined stainless steel sealed bearing housings, and stainless steel IP69k motor.. [SCB11](#)

Weigh Conveyor

- 300mmW x 400mmL, 5kg Capacity, WD : Weigh Conveyor 300mmW x 400mmL (11.750" x [WCB07](#)

15.750"), 5kg Capacity, stainless steel construction for wet environments. 30mm Diameter pulleys, stainless steel IP69k motor, machined stainless steel sealed bearing housings. Stainless steel IP66 load cell.

OutFeed Conveyor

- Low Friction Out Feed Conveyor Module, 300mmW x 400mmL, WD: Out Feed conveyor module, stainless steel construction for wet environments. Green low friction nylon fabric belt, 30mm diameter stainless steel pulleys, machined stainless steel sealed bearing housings, and stainless steel IP69k motor.

SCB16

Rejector

- Pushoff: Air Actuated Push-off Rejector. Max Package Rate: 180ppm, Max Package Weight: 15lb., Flow Rate: 3-5 cfm, Air Pressure: 60psi, Max Package Height, 330 mm. The end user may configure the rejector(s) to classify packages as needed. Option includes lock-out/tag-out, and air dump for E-stop events. Includes brush for blade bottom, that can be removed at Customer's discretion.

RJPO01

Function: Rejects all over and under weight product

Orientation: To the front

Control

- XE Control, UL508A listed floor mount pedestal electronics enclosure in stainless steel construction: The control provides 4 Potential Free Contacts (PFC) for customer use. PFC's are low-voltage contacts (24V) and are protected with PTC resettable fuses at 300mA which are located on the XRTC (Extended Real Time Controller) inside the control enclosure. These PFC's can be monitored by the end user for: Checkweigher Ready, Conveyor Run, and Machine Faults or Process Faults where optional features, when present, are supported by 24VDC signals to these outputs. Includes:

10F

- Checkweigher Statistics with Give-a-Way calculation including numeric and graphic representation of current production results in real time and/or user defined intervals. Data include: Mean value, standard deviation, and give-a way of current production totals, which are always visible in the Statistics field of the display. Production results can be maintained by production interval (piece count or time), hours or batch. Data can be viewed or saved in the control. Printing of statistical data requires purchase of a Control Interface Option such as ProdX Inspect, Print Stick Reader, or CW ReAct II. For statistics the default control tolerance system is US. The end user can configure checkweigher to European (EU) or other legislative tolerance systems.

- Weight Data Ethernet TCP/IP for transmitting individual weights according to Hi-Speed protocol. Weight Data is transmitted via an Ethernet (TCP/IP) connection. There are eight standard end user selectable formats for transmitting weight data. The default format is Format 3: (CR)(LF) with package name; Example: COFFEE1.2g(CR)(LF). For Ethernet connection the end user provides an Ethernet network and two (2) static IP addresses for the checkweigher and is responsible for the creation and maintenance of the connection as well as the programming required to make the transmitted data visible.

- ProdX Inspect ProSync Checkweigher Device Interface located at the checkweigher for a METTLER TOLEDO Hi-Speed XE or XS based checkweigher, includes software upgrade and data protocol to enable the checkweigher to communicate with ProdX Inspect software program. Prices are only for device hardware & software components required and do not include: Installation, activation, or testing within the device or installation or maintenance of a local Ethernet network.

Suitable for wet industrial environments. Ingress protection to IP65 specifications. Ambient operating temperature 0C to 40C (max storage 60C), 7.0" color touch screen, single power drop.

Functional Operational

- 3 Zone Weight Classification: Standard on XE
- 100 Product Set-Ups: Standard on XE

410A

430A

Power

- 110V/1ph customer power input (allowed voltage range from 100V to 120V): Single Power drop to a lockout/tagout disconnect. Complies with NFPA 79 requirement to drop all supply power. Customer Power input is = 250 mm from the disconnect switch. Standard disconnect is not interlocked. 11A
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Start-Stop / E-Stop

- Standard E-stop/Start-Stop: E-stop and Start-Stop switches are provided as part of the standard control assembly 13A
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Machine-Control Integration

- Floor-mounted control for customer placement within 5' (1.5 m) of the scale area of the Checkweigher 15Q
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Control Interface

- Print Stick Reader: Print Stick Reader is a Windows® PC software option that permits checkweigher system information or production data to be transferred to a PC using a USB print stick. Data can be previewed, archived, exported or printed. Data from multiple checkweighers in the production area can be transferred to a portable USB drive (print stick) and then viewed on a PC. System information and data can be exported to Excel®. Option includes Print Stick Reader installation CD, installation guide, operators' manual and one 64KB USB 2.0 mini flash drive. 930A
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Service

- IPac Service at the stated special package pricing is only available at the time of new machine order or can be purchased at this rate prior to shipment of the ordered machine from the factory. IPAC

IPac Service Includes:

- IPac Manual
- The package requires execution during normal business hours 8:00AM to 5:00PM

Monday through Friday, at a

single site location, for up to two(2) eight (8) hour days.

* Once the IPac is complete the Service Technician will leave the customers site even if within the stated two day time allotment.

- Installation checking
- Machine startup and testing
- Complete Performance Verification and Calibration Procedure and certificates
- Operator Training for up to 4 people during normal business hours.

IPac Service does not include:

- Execution outside of normal business hours of 8:00AM to 5:00PM Monday through Friday, multiple site location, or more than two(2) eight (8) hour days.
- IPac Service does not include or encompass additional service labor outside the IPac protocols.
- Installation services or alterations to the machine that are outside of the agreed upon machine specification.
- Running of power lines and/or communication wires and/or air (if applicable).
- Operator Training for more than 4 people, and/or outside of normal business hours

The IPac is billable in full at the time of machine shipment from the factory with the customer having 6 calendar months from time of shipment to execute the IPac complete. It is the responsibility of the customer to schedule the IPac 10 working days prior to IPac execution to get the special quoted IPac price. If the 6 month time allotment is exceeded and / or the customer desires the IPac to be executed with less than 10 days prior notice, and / or the customer desires the IPac to be executed outside normal business hours then the IPac will be executed on a time and materials basis, plus travel and living expenses at current prevailing rates.

- Initial Qualification Service Package, additional machine for start-up at the same site and during same visit as a full IPac purchase.

IPAC-ADD

IPac Service Includes:

- IPac Manual
- The package requires execution during normal business hours 8:00AM to 5:00PM

Monday through Friday, at a

single site location, for up to two(2) eight (8) hour days.

* Once the IPac is complete the Service Technician will leave the customers site even if within the stated

two day time allotment.

- Installation checking
- Machine startup and testing
- Complete Performance Verification and Calibration Procedure and certificates
- Operator Training for up to 4 people during normal business hours.

IPac Service does not include:

- Execution outside of normal business hours of 8:00AM to 5:00PM Monday through Friday, multiple site location, or more than two(2) eight (8) hour days.
- IPac Service does not include or encompass additional service labor outside the IPac protocols.
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Spare Parts Kit

- Standard Parts kit for typical three conveyor Cornerstone Beltweigh, consisting of:

SPKB01

- (1) Infeed Conveyor Transport belt
- (1) Infeed Conveyor Timing belt
- (1) Weigh Conveyor Transport belt
- (1) Weigh Conveyor Timing belt
- (1) Discharge Conveyor Transport belt
- (1) Discharge Conveyor Timing belt
- (1) Balanced drive pulley with bearings
- (1) Balanced idler pulley with bearings
- (5) Fuses
- (8) Bearings
- (1) Power supply (10 amp)
- (1) Power supply (20 amp)
- (1) Light Barrier (Product eye)
- (1) Motor for weigh conveyor

*note: Custom kit configuration available upon request, contact METTLER TOLEDO HI-SPEED for Details.
