

LINEMASTER™

THE CORE OF YOUR SERIALIZATION SOLUTION
THAT CAN ACT AS A STAND-ALONE STATION
OR AS PART OF AN OPTEL TRACKSAFE™ SOLUTION



PHARMA



MEDICAL DEVICES

As a stand-alone, fully manual packing station, the LineMaster™ ensures the identification and verification of manually packed products with barcode scanners. As part of a TrackSafe™ solution, the LineMaster™ acts as the single point of entry for production information and is designed to communicate and verify serialization data with OPTEL's PharmaProof™ systems.

Operated by one or multiple operators, the LineMaster™ optimizes the packing process with or without aggregation in order to ensure accurate serialization identification and meet product authentication and traceability requirements in the pharmaceutical industry.

The LineMaster™ allows operators to scan children and/or parent labels at any packaging level such as bottles, cartons, bundles, cases or pallets to manually perform the verification of barcode data, as well as the modification of the EPC status for serialization and aggregation requirements, without slowing the packing process. Equipped with a dedicated HMI and with complete printer control, the LineMaster™ allows operators to manually request the label printing of predetermined packaging levels for manual application, perform rework operations and view serialization data.

KEY FEATURES

- Serialization and aggregation of packaging levels
- Creation of audit trails and reports
- Manual rework operations of serialized packaging levels (i.e., decommissioning, destroying, sampling)
- Single point of entry for production information (when part of a TrackSafe™ solution)
- Communication with ERP systems (optional)
- Portable unit with simple user interface

BENEFITS

- Complies with 21 CFR Part 11 and European Annex 11
- Enables automatic serialization data inspection (when part of a TrackSafe™ solution)
- Minimal training required
- Quick changeover times

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EQUIPMENT SUPPLIED BY OPTEL

Desktop Printer(s)	Zebra ZT400™ Series
Handheld Scanner(s)	Datalogic PowerScan PM9500

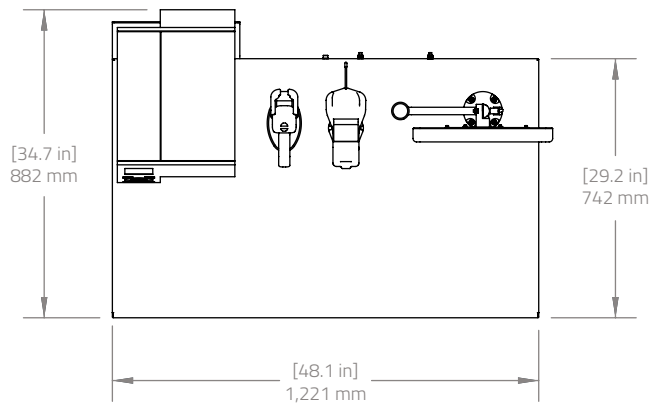
INSPECTION SPECIFICATIONS

Decoding Capability	1D, 2D
Data Matrix Module Size	From 0.19 mm
Linear Barcode Line Width	From 0.1 mm

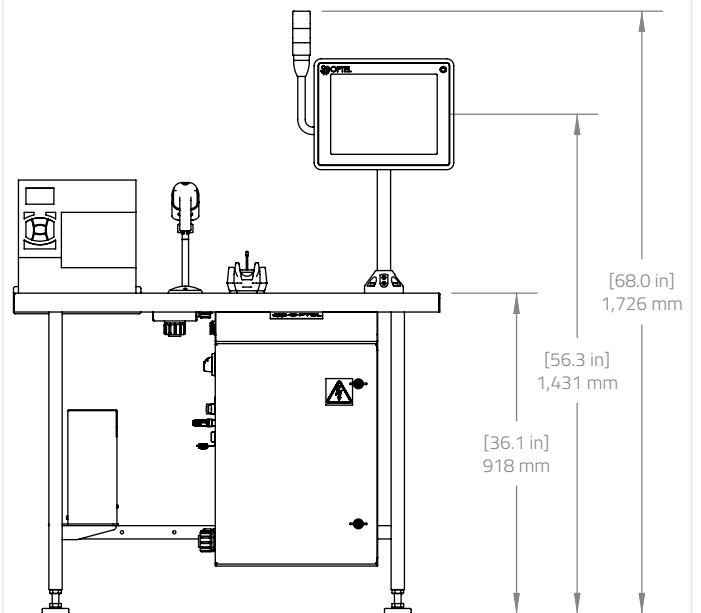
UTILITIES

Power Requirements	120-240 VAC 50/60 Hz
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TOP VIEW



FRONT VIEW



PACKING PROCESS OVERVIEW

The following illustrates how an operator would use a stand-alone LineMaster™ to aggregate packaging levels. Note that the OPTEL software generates a report of all the activities (encoding, commissioning, destruction, samples, etc.) for production monitoring and auditing.

1 CHILDREN VERIFICATION

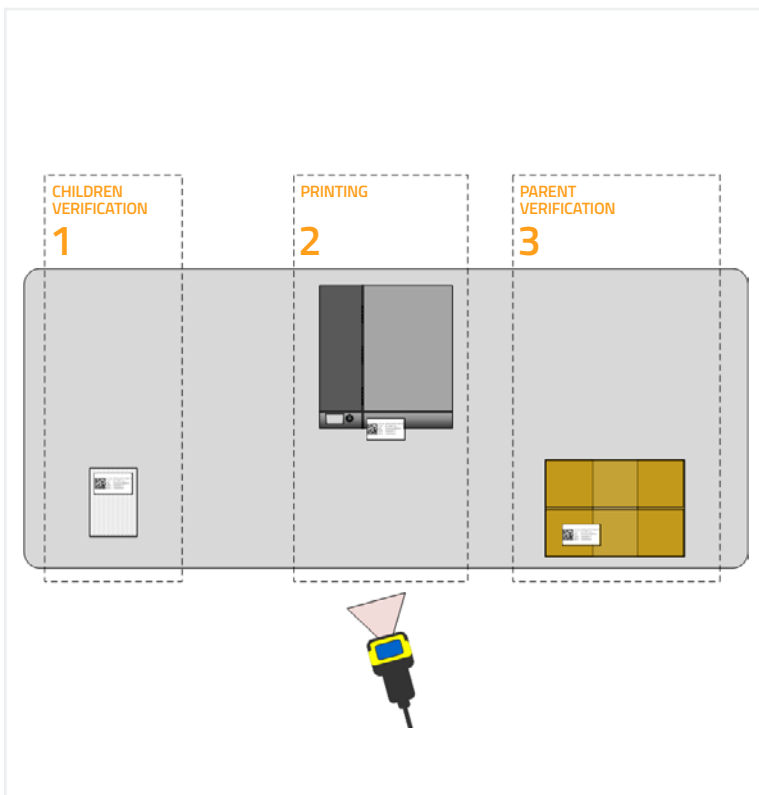
The operator scans each child and places them in a parent.

2 PRINTING

Once the parent is full and each child has been read, the printer automatically prints the parent label and the operator applies it to the parent.

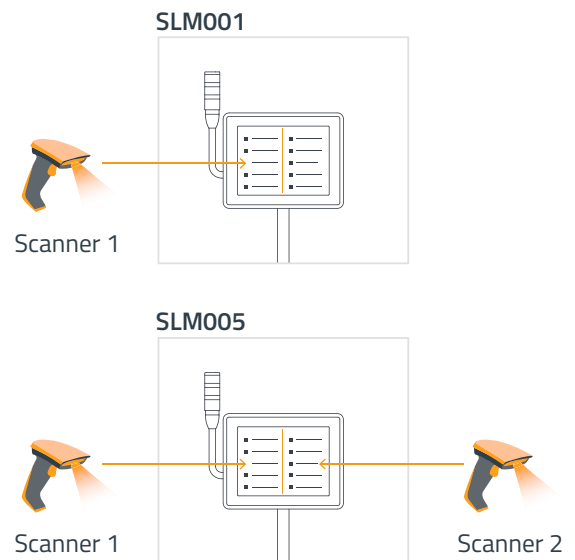
3 PARENT VERIFICATION

The operator scans the parent label to complete the aggregation.



SPLITSCREEN HMI

If two barcode scanners are available, the user interface can be split in two, enabling two operators to perform manual actions simultaneously.



ORDERING INFORMATION – STANDARD SOLUTION CONFIGURATION

Encompassing all of OPTEL's expertise and legacy, this standard LineMaster™ configuration is a predesigned hardware and software solution that meets your serialization and/or aggregation needs quickly and cost-effectively, while respecting current industry standards.

To obtain a quote, contact your Account Director, who will work with our quote department to provide you with accurate pricing for your solution. Should these options not fit your specific requirements, feel free to discuss your needs with your Account Director, as we also provide custom solutions upon request.

ADDITIONAL INFORMATION REQUIRED FOR QUOTE

- User Requirement Specifications (URS)
- Floor layout

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SLM001 – STANDARD SOLUTION SPECIFICATIONS

- Part of a TrackSafe™ solution
- Integration into existing PharmaProof™ Enclosure (toggle station)
- 1x handheld barcode scanner for manual packing (Datalogic PowerScan PM9501)
- Ethernet router and switch for network connection
- Ethernet signal for customer desktop coder
- LineMaster™ software
- Uninterruptible power supply

NOTES:

- Preliminary lead time: 8-12 weeks
- No workstation supplied
- No desktop coder supplied
- Customer is responsible for desktop coder installation
- No IT connections included

SALES ITEM	SOLUTION	SPECIFICATIONS
SLM001	LineMaster™	Refer to the specifications above
SALES ITEM	OPTIONS	SPECIFICATIONS
SLM002	Stand-Alone Packing Workstation	<ul style="list-style-type: none"> ▪ Packing workstation with stainless steel countertop ▪ OPTEL HMI on table ▪ Integrated electrical enclosure
SLM003	Desktop Coder Zebra ZT410	<ul style="list-style-type: none"> ▪ Zebra ZT411 printer for 4-inch labels
SLM004	Desktop Coder Zebra ZT420	<ul style="list-style-type: none"> ▪ Zebra ZT421 printer for 6-inch labels
SLM005	Additional Barcode Scanner	<ul style="list-style-type: none"> ▪ Handheld barcode scanner for manual packing (Datalogic PowerScan PM9501) ▪ Lets 2 operators perform manual actions simultaneously
SLM006	Casters for Mobile Station	<ul style="list-style-type: none"> ▪ Casters increase station mobility

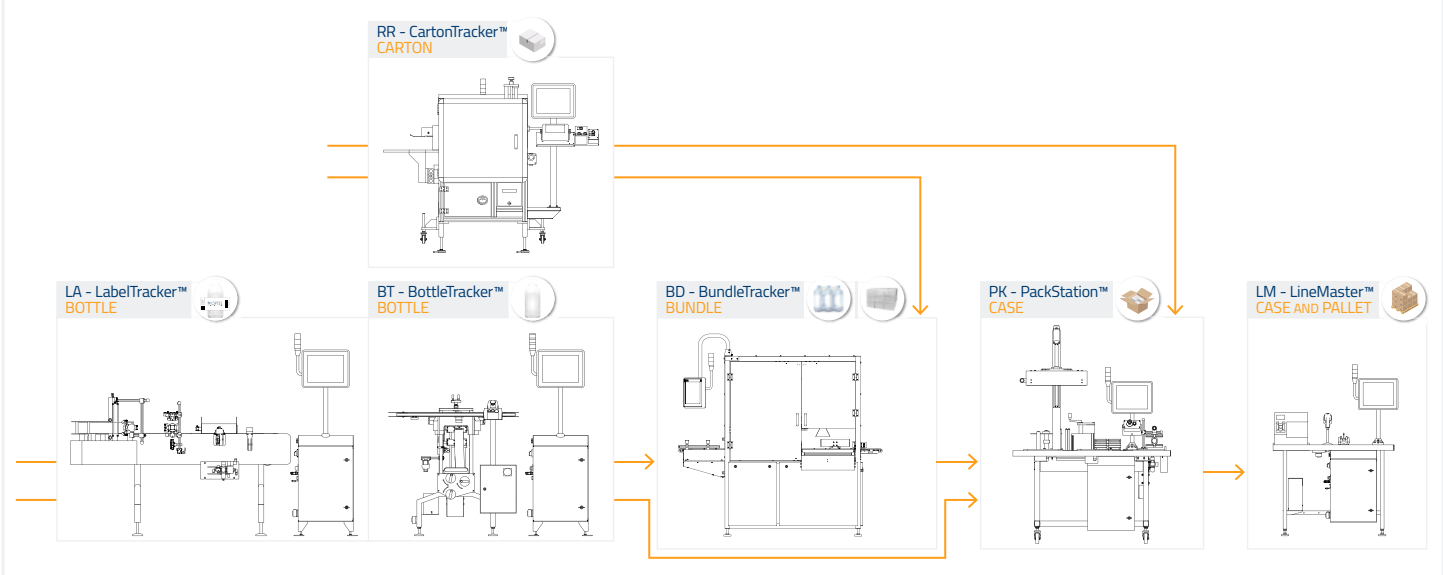
NOTES:

1. Two desktop printers are recommended if two manually packed packaging levels require different label sizes.
2. Having two barcode scanners lets two operators perform manual actions at the same time.

MANUAL SERIALIZATION AND AGGREGATION PROCESS EXAMPLE



SERIALIZATION AND AGGREGATION PROCESS EXAMPLES (WITH BOTTLES OR CARTONS)



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