



FX3-LX Advanced Label Printer

October 2018

Introducing the FX3-LX

- Key Features
- Verticals
- Introducing FX3-LX
 - FX3-LX and AEP
 - FX3-LX and SOS
- Versatility
- Media
- Service & Maintenance
- Software
- Pricing
- Competitive Analysis
- Dimensions
- Proven Performance





FX3-LX – A Versatile, Intuitive Printer



Market Needs

- Solution that quickly creates clear, high quality labels
- Easy to operate solution that is intuitive to use, requiring minimal training
- Auto generated information, reducing manual input and minimizing human error
- Print on demand capabilities



FX3-LX – Vertical Applications



Vertical Applications



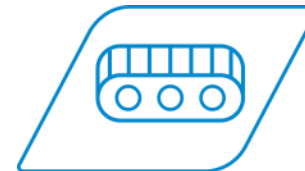
Food Safety

- Date Marking
- Ingredient Labeling
- Receiving/Put Away
- Take Away Labeling
- Pricing



Retail

- Mobile Markdowns
- In-Store Picking
- Pharmacy Labeling



Manufacturing & Logistics

- Date Marking
- Quality and Process Control
- Receiving/Put Away
- Mobile Picking



Introducing the FX3-LX



Introducing the FX3-LX



- An intuitive label printer that seamlessly adapts to unique business needs
- Easy printing application to optimise the customer's operation
- Highly customisable to meet the printing requirements from various industries

Introducing the FX3-LX

7" full colour touch screen with home button for easy operation

NFC bi-directional for easy pairing & data gathering

3.15" wide print width

Cutting and dispenser options

Standalone operation with no need for a PC

LED indicator (blue/ red) lights up or flashes to show the current status

Handle for easy portability

Easy access button to open door load media



Introducing the FX3-LX

Simple, Intuitive Operation

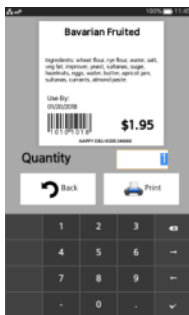
- 7" full color touchscreen creates a familiar, easy-to-use user interface
- Straight forward functionality requires minimal training, making the FX3-LX an ideal solution for work environments with high turnover
- Standalone unit makes the need for external control devices such as laptops or tablets obsolete; saving both space and cost
- Onboard video player allows users to install custom training videos helping keep best practice processes uniform
- Label preview action prevents misprints, reducing waste and time
- Multilingual support: prints the major world languages. Operate the printer in the local language for your multinational workforce. Internal keyboard support



Introducing the FX3-LX



Images



List



Training video



Help video



Icons

About the 7" full color touch screen

- Resistive touch screen, can be used with gloves (ideal for kitchen, hospitals environments etc.)
- Help videos for printer operation instructions
- Training videos with operation instructions for printing activities
- Label previews
- Multilingual support

Introducing the FX3-LX

About Multilingual Support

- Print over 47 languages (Unicode support)
- 31 LCD menu languages to operate the printer
- Supports country virtual keyboards.

Afrikaans	Eskimo	Indonesian*	Scottish
Albanian	Farsi*	Italian*	Serbian
Arabic*	Finnish*	Japanese*	Slovakian*
Bulgarian*	French*	Korean*	Slovenian
Basque	Galician	Lappish	Spanish*
Croatian	German*	Malay	Swedish*
Czech*	Greek*	Nordic	Thai*
Catalan	Hebrew	Norwegian*	Turkish*
Chinese (Trad.&Simpl).*	Hindi*	Polish*	Urdu
Danish*	Hungarian*	Portuguese(POR & BRA)*	Vietnamese*
Dutch*	Icelandic	Romanian*	
English*	Irish	Russian*	

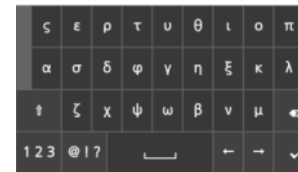
*Languages with print & display support



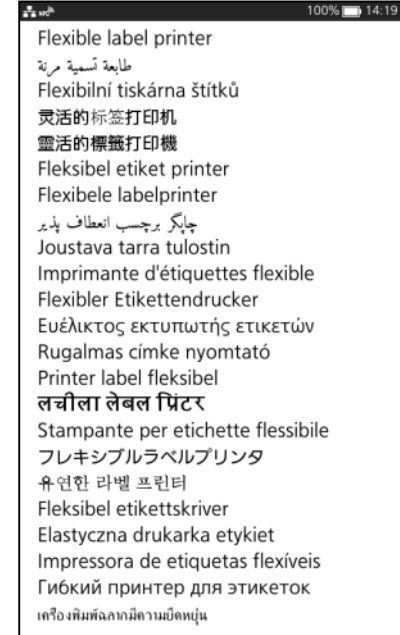
German keyboard



French keyboard



Russian keyboard



Introducing the FX3-LX

Flexibility

- Wireless connectivity gives the customer the freedom to use the all-in one printer to create and print labels at the point of application and workflow
- The integrated handle comes standard on all models providing a secure way to transport the printer throughout the workspace
- The optional battery kit provides hours of mobility, creating the flexibility to use the FX3-LX throughout the user environment



Introducing the FX3-LX

About connectivity

- Configure your FX3-LX as 'Host' to drive and control other devices
- Use different size labels or thermal transfer labels on the controlled printer

Host



print job

Device



Introducing the FX3-LX

Robust Design

- The sturdy all-in-one design features wall mounting capabilities and a center-positioned handle, creating maximum adaptability and user manageability
- Certified splash proof ([IPx2](#)) the FX3-LX is an ideal solution for environments with potential for water interaction such as kitchens
- The easy to clean, anti-microbial casing minimises the risk for cross contamination in sensitive settings like kitchens
- Mechanical impact compliant ([IK06](#)) the FX3-LX is also suitable for demanding environments, including warehouses or retail carts

*Ingress Protection protected against dripping water when tilted up to 15 degrees from normal position

** Impact protection against one joules impact = 0.25 kg, dropped from 44 mm above surface



Introducing the FX3-LX

305 dpi print resolution

Easy, drop-in label loading

Centre-justified printing

Label presence sensor for dispensing operation

Quick print speed, up to 6ips

Wireless option/Bluetooth option

Linerless label option

Gap Sensor Type (transmissive)
I-Mark Sensor Type (reflective)



FX3-LX and the Power of AEP



Introducing the FX3-LX

Powered by AEP – Application Enabled Printing

- AEP is standard firmware on all FX3-LX models
 - Standalone operation
 - Dynamic label printing
 - Database connectivity
 - Recommend to update to latest version: Version 5.0.3-r1 (date 2018-10-01)
- AEP Works – A rapid development environment for customers
 - Windows-based software to aid in creating applications with screens, label formats, process and data
 - Software Version 3 v1.0.0-rc6 (auto update at start up)
- AEP Tools
 - Database connectivity for Excel, SQL etc
 - Easy to deploy application via SOS or local network tools

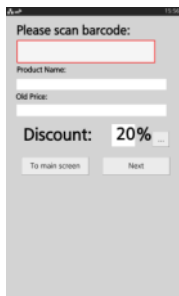


Introducing the FX3-LX

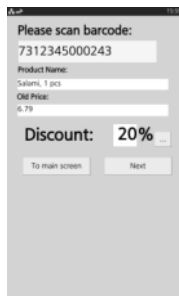
Powered by AEP - Data Accuracy

- By easily connecting to external devices, including scanners, scales and keyboards the FX3-LX is able to increase data entry accuracy
- Once the data is captured, the FX3-LX will drive dynamic label printing based on the direction dictated during the app development

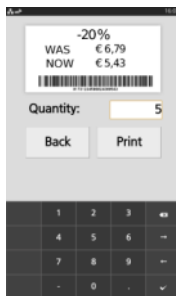
The simple three step process, outlined below, simplifies often time-consuming tasks



Scan Barcode



Enter Discount Amount

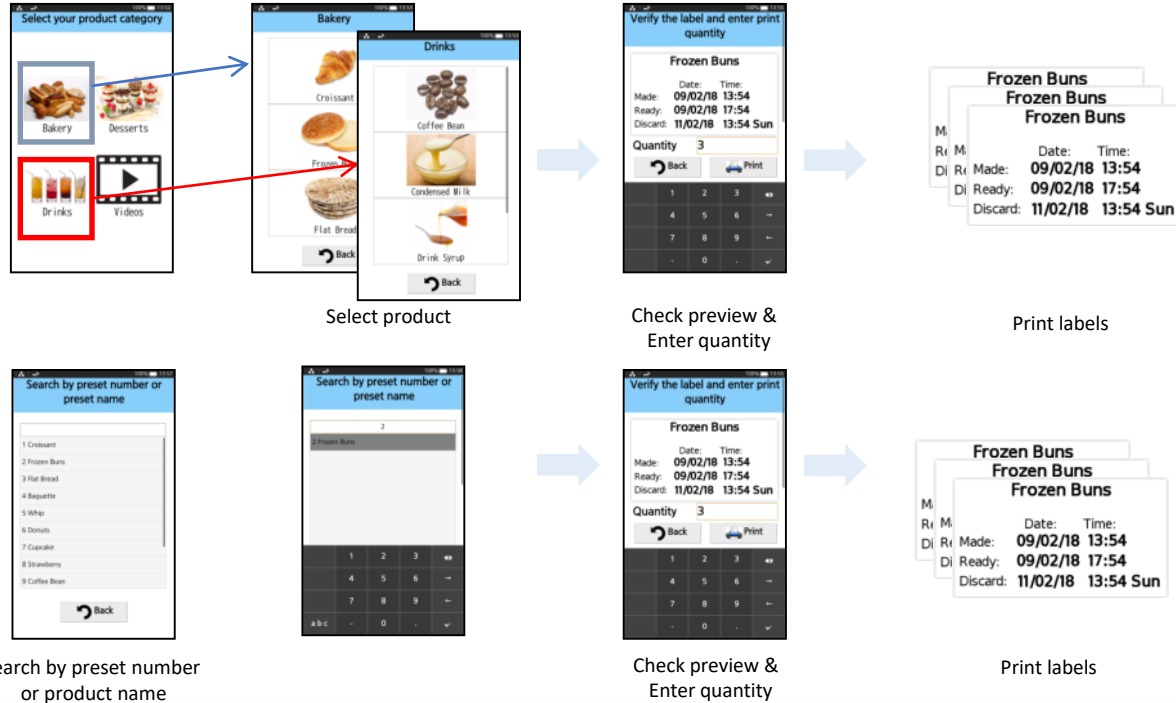


Check Preview, Enter Quantity



Print

FX3-LX Powered by AEP - QSR



FX3-LX Powered by AEP – Ingredient Labelling



Search by product name and select the item



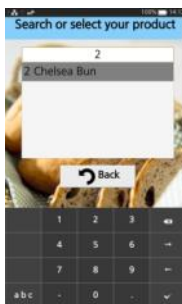
Check preview & Enter quantity



Print labels



Search by preset number and select the item



Check preview & Enter quantity



Print labels



FX3-LX Powered by AEP – Markdown & Promotional Labelling

Scan barcode

Enter discount

Check preview & Enter quantity



Print labels

Enter new and old price

Check preview & Enter quantity



Print labels

Introducing the FX3-LX

SATO Online Services (SOS)

- I.T is able to gain access to all settings and recent status
- Perform preventative maintenance and load balancing
- Support users remotely through web based app
- Monitors printers in groups and see all organisational installs
- Notifications
 - Warnings and errors
 - Print usage
 - Preventative maintenance
- Remote
 - Monitoring
 - Configuration
 - Status
 - Last label printed



FX3-LX - Feature Versatility



Communication Versatility

Dual Radio operation for diverse compatibility

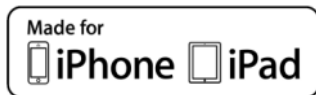
- Wi-Fi Certified™ A/B/G/N/AC
- WiFi Direct®
- Dual Band (2.4GHz/ 5GHz)
- Wi-Fi Certified

Bluetooth

- Version 4.1 (iOS/Android/Windows)
- MFi certified

NFC with bidirectional communication

- Retrieve printer settings
- Configure printer while off



Communication Versatility

USB 2.0 Type 2 connector

High speed

Ethernet connector

Dual USB connectors for type A peripherals

- Scanners, keyboards, scanners, etc...
- Expanded memory

Media inlet for
Fan Fold Labels

DC Input
Connector

Serial Number
Sticker

USB Type B

Ethernet
LAN Connector

USB Type A x 2



Communication Versatility

USB Type A connector

- In case a small USB memory will be used for data storage

Bluetooth & WLAN

- Installed internally, so there are no protruding parts

Bluetooth &
WLAN (optional)

USB Type A x 2
Connector



Language Versatility

Six Installed Languages

•SBPL •SZPL •SDPL •SIPL •STCL •SEPL

The FX3-LX auto detects language by analysing the data received and adjusting accordingly

Easily integrates into existing legacy applications



datamax • o'neil

FX3-LX - Media



Flexible Media Operation

Wind Direction

- Face-in/Face-out; no setting change required

Supports Multiple Roll Diameter Sizes

- 105 mm (4.13") on a 25 mm (1") OD Core
- 90 mm (3.54") on a (40 mm) 1.5" OD Core
- Min Print Width: 28 mm (1.10")
- Max Print Width: 80 mm (3.15")

Media Thickness

- 0.14 mm (0.0055") ~ 0.19 mm (0.0075")

Direct Thermal / Optional Linerless

Rear Inlet for Fanfold Label Operation



Label Options – Food Safety

DateRight

Food Safety Labeling System

- Easily enable consumers to make informed food choices
- Compliance with food labeling regulations and guidelines

Label Type

- **Dissolvable** - Completely washes away from the container with soap and water
- **Removable** - Label is easily peeled away from the container
- **All temp** – Securely adheres to containers at all temperatures

DateRight Label



Blank DateRight Label



Printed DateRight Label

FX3-LX - Maintenance



Easy Part Replacement

Easy, two-step platen and printhead replacement processes expedite downtime, saving time and money

Platen Replacement



1. Release Catches
2. Pull Upward

Printhead Replacement



1. Push and Slide
2. Release Catches

Printer Firmware and Application Update

Various options for the customers to easily update the printing application, product database or Firmware

- On the printer (database only – after release)
- Via USB memory (.pkg file or Excel file)
- Update the printer via a PC connection
- Automatic update via the customer's server or SATO App Storage to ensure printers always have the latest version and product database.



Table editor on the FX3



Printer update via USB memory

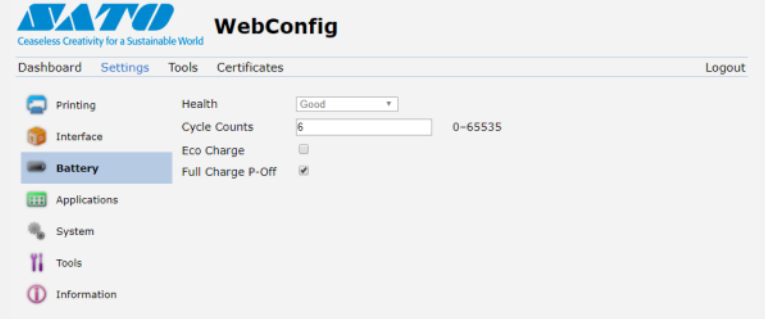


USB or LAN

Battery Management

Smart Battery Management

- Health status
- Number of charge cycles
- Power off printer after full charge



The screenshot shows the SATO WebConfig interface. The SATO logo and tagline "Ceaseless Creativity for a Sustainable World" are at the top left. The page title is "WebConfig". Navigation tabs include "Dashboard", "Settings", "Tools", and "Certificates", with "Settings" being the active tab. A "Logout" link is in the top right. A sidebar on the left lists menu items: "Printing", "Interface", "Battery" (highlighted), "Applications", "System", "Tools", and "Information". The main content area shows the "Battery" settings for a device with ID "0-65535". The settings are:

Setting	Value
Health	Good
Cycle Counts	6
Eco Charge	<input type="checkbox"/>
Full Charge P-Off	<input checked="" type="checkbox"/>

Battery Management

Smart high rate battery

- Shows accurate information about remaining % so the customer can see in advance when they need to charge the battery
- Keeps track of the number of charging cycles
- High output provides clear print quality

Sleep function

- Minimised battery consumption when the printer is not in use extends the battery life

Print mode	Print speed	Sleep mode	No of labels	Print time (hours)
Continuous printing	2 ips	-	8,300	1:24
	3 ips	-	10,400	1:06
	4 ips	-	12,300	1
Intermittent printing	2 ips	Enabled	800	8
	3 ips	Enabled	800	8
	4 ips	Enabled	850	8.5
Standby (no printing)	-	Enabled	Yes	13
	-	Disabled	No	5

- Test conditions:
- The following label lay-out was used (32 mm x 25 mm)
- Darkness setting is 10
- The sleep time-out is 1 minute (default value)
- Intermittent printing means 50 labels are printing every 30 minutes



Extended Warranties

- Extend the standard warranty by one to three years

Service and Support Programs

- Flexible annual plans or 3 year plans that are budget friendly
- Guaranteed turnaround times
- Proactive maintenance for firmware and hardware, when applicable

Customer and Technical Support

- Local European technical teams





Support, Service and AEP Training Programs

Service price list for FX3-LX available for GMC in Europe

Product description	EURO ZONE & UK			Product code	Product / type	Comments	Availability
	List price (€)	List price (£)	List price (zt)				
Return to base, with a loan printer, 3 years	300	257.14	1333.33	Y58RTBFX3001	FX3	Return to base, with a loan printer for 3 years (can be also used as extended warranty)	UK / France / Spain / Sweden / Poland
Swap out, 3 years	261	223.71	1160	Y58SWAPFX300	FX3	Exchange printer with a pool, available if quantity = >10, for 3 years	UK / France / Spain / Sweden / Poland
Return to base, 3 years	210	180.0	933.33	Y58RTBFX3002	FX3	Return to base, for 3 years, (can also be used as extended warranty)	UK / France / Benelux / Spain / Sweden / Germany / Poland

Service price list for AEP Training available for GMC in Europe

Product description	EURO ZONE & UK			Product code	Product / type	Comments	Availability
	List price (€)	List price (£)	List price (zt)				
Discovery; To discover the tool through webinar	free	free	free	Y58INAEPDISI	AEP training	Min 2 people; Max 6 people; Office desk; Max 4 hours	UK / France / Benelux / Spain / Sweden / Norway / Finland / Germany / Poland Teaching language: Depending on the level. Mostly local language (French, English, German, Polish, Spanish, Italian) for beginner level and English for expert level
Beginner; For creating layouts without scripting	200/pers	171.42/pers	888.89/pers	Y58INAEPBEGI	AEP training	Min 2 people; Max 6 people; SATO site; 1 day	
Beginner; For creating layouts without scripting	1500	1285.68	6666.67	Y58INAEPBEGE	AEP training	Max 6 people; BP site; 1 day	
Expert; LUA scripting for extended development	300/pers	257.14/pers	1333.33/pers	Y58INAEPXI	AEP training	Min 2 people; Max 6 people; SATO site; 1 day	
Expert; LUA scripting for extended development	1500	1285.68	6666.67	Y58INAEPXPE	AEP training	Max 6 people; BP site; 1 day	
Package; layouts + LUA scripting for extended development	350/pers	300/pers	1555.56/pers	Y58INAEPACI	AEP training	Min 2 people; Max 6 people; SATO site; 2 days	
Package; layouts + LUA scripting for extended development	2200	1885.66	9777.78	Y58INAEPACE	AEP training	Max 6 people; BP site; 2 days	

FX3-LX - Software



Drivers and Software

Windows Drivers

- USB connection to Windows causes driver to automatically update
- Windows 10, 8.1, 8, 7, Vista and Server 2012 & 2008

CUPS Driver for Linux

- V 2.219

CUPS Driver for Mac OS

- V 1.21



Printer Software Tools

Printer Utilities

- Windows Driver
- All in One Tool (AIOT)

Integration Tools

- SmaPri
 - Android and iOS support
 - Communication driver for Bluetooth and WLAN
 - Easy to use RESTful API calls

Application Enabled Printing (AEP)

- Standalone application
- Barcode scanner or other devices
- Communication to other sets of data



SmaPri



FX3-LX - Pricing



What's Included

Contents:

- FX3-LX Printer
- Power Pack
- Power Cable
- Quick Guide
- Resource Guide



Configurations and Pricing

FX3-LAN

Part Number:

WWFX31242 / WWFX31242-UK

1350 € / 1174 £



Standard Model

FX3-LX DT305, USB & LAN,

EU / UK cable

Configurations and Pricing



WLAN & Bluetooth Kit

100 € / 87 £

Part No: WWFX35800



Linerless Kit

55 € / 48 £

Part

No:WWFX35600



Battery Charger

160 € / 139 £

Part

No:Y99122160001



Lithium-Ion Battery

160 € / 139 £

Part No:

WWFX35000



Battery Mount Kit

(Battery not included)

85 € / 74£

Part No: WWFX35300



Cutter Kit

230 € / 200 £

Part No: WWFX35100



Partial Cutter Kit

240 € / 209 £

Part No: WWFX35200



Cradle Kit

70 € / 61 £

Part No: WWFX35502



Wall Mount


70 € / 61 £

Part No: WWFX35502

Configurations and Pricing



The AC adapter is hidden in the



AC adapter is protected against liquids
AC adapter doesn't disturb the operation and cannot drop

Easy Charging

Configuration for Cradle kit and Battery kit

- Select the printer configuration suitable for the user environment and application



FX3-LX Pricing



Description	Product Code	List price €	List price £
FX3-LX DT305, USB&LAN, EU cable	WWFX31242	1350	1173.91
FX3-LX DT305, USB&LAN, UK cable	WWFX31241NDN-UK	1350	1173.91
FX3-LX DT305, USB&LAN + WLAN/BT EU cable	WWFX31241WDN-EU	1450	1260.87
FX3-LX DT305, USB&LAN + WLAN/BT UK cable	WWFX31241WDN-UK	1450	1260.87
FX3-LX DT305, USB&LAN + Cutter EU cable	WWFX31241NCN-EU	1580	1373.91
FX3-LX DT305, USB&LAN + Cutter UK cable	WWFX31241NCN-UK	1580	1373.91
FX3-LX DT305, USB&LAN + Part Cutter EU cable	WWFX31241NPN-EU	1590	1382.61
FX3-LX DT305, USB&LAN + Part Cutter UK cable	WWFX31241NPN-UK	1590	1382.61
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter EU cable	WWFX31241WCN-EU	1680	1460.87
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter UK cable	WWFX31241WCN-UK	1680	1460.87
FX3-LX DT305, USB&LAN + WLAN/BT +Part Cutter EU cable	WWFX31241WPN-EU	1690	1469.57
FX3-LX DT305, USB&LAN + WLAN/BT +Part Cutter UK cable	WWFX31241WPN-UK	1690	1469.57
FX3-LX DT305, USB&LAN + BATT KIT EU cable	WWFX31242NDB-EU	1595	1386.96
FX3-LX DT305, USB&LAN + BATT KIT UK cable	WWFX31241NDB-UK	1595	1386.96
FX3-LX DT305, USB&LAN + WLAN/BT + BATT KIT EU cable	WWFX31241WDB-EU	1695	1473.91
FX3-LX DT305, USB&LAN + WLAN/BT + BATT KIT UK cable	WWFX31241WDB-UK	1695	1473.91
FX3-LX DT305, USB&LAN + Cutter + BATT KIT EU cable	WWFX31241NCB-EU	1825	1586.96
FX3-LX DT305, USB&LAN + Cutter + BATT KIT UK cable	WWFX31241NCB-UK	1825	1586.96
FX3-LX DT305, USB&LAN + Part Cutter + BATT KIT EU cable	WWFX31241NPB-EU	1835	1595.65
FX3-LX DT305, USB&LAN + Part Cutter + BATT KIT UK cable	WWFX31241NPB-UK	1835	1595.65
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter + BATT KIT EU cable	WWFX31241WCB-EU	1925	1673.91
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter + BATT KIT UK cable	WWFX31241WCB-UK	1925	1673.91
FX3-LX DT305, USB&LAN + WLAN/BT +Part Cutter + BATT KIT EU cable	WWFX31241WPB-EU	1935	1682.61
FX3-LX DT305, USB&LAN + WLAN/BT +Part Cutter + BATT KIT UK cable	WWFX31241WPB-UK	1935	1682.61
FX3-LX DT305, USB&LAN + Linerless EU cable	WWFX31241NLN-EU	1405	1221.74
FX3-LX DT305, USB&LAN + Linerless UK cable	WWFX31241NLN-UK	1405	1221.74
FX3-LX DT305, USB&LAN + WLAN/BT + Linerless EU cable	WWFX31241WLN-EU	1505	1308.70
FX3-LX DT305, USB&LAN + WLAN/BT + Linerless UK cable	WWFX31241WLN-UK	1505	1308.70
FX3-LX DT305, USB&LAN + Cutter + Linerless EU cable	WWFX31241NMN-EU	1635	1421.74
FX3-LX DT305, USB&LAN + Cutter + Linerless UK cable	WWFX31241NMN-UK	1635	1421.74
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter + Linerless EU cable	WWFX31241WMN-EU	1735	1508.70
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter + Linerless UK cable	WWFX31241WMN-UK	1735	1508.70
FX3-LX DT305, USB&LAN + Linerless + BATT KIT EU cable	WWFX31241NLB-EU	1650	1434.78
FX3-LX DT305, USB&LAN + Linerless + BATT KIT UK cable	WWFX31241NLB-UK	1650	1434.78
FX3-LX DT305, USB&LAN + WLAN/BT + Linerless + BATT KIT EU cable	WWFX31241WLB-EU	1750	1521.74
FX3-LX DT305, USB&LAN + WLAN/BT + Linerless + BATT KIT UK cable	WWFX31241WLB-UK	1750	1521.74
FX3-LX DT305, USB&LAN + Cutter + Linerless + BATT KIT EU cable	WWFX31241NMB-EU	1880	1634.78
FX3-LX DT305, USB&LAN + Cutter + Linerless + BATT KIT UK cable	WWFX31241NMB-UK	1880	1634.78
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter + Linerless + BATT KIT EU cable	WWFX31241WMB-EU	1980	1721.74
FX3-LX DT305, USB&LAN + WLAN/BT + Cutter + Linerless + BATT KIT UK cable	WWFX31241WMB-UK	1980	1721.74



FX3-LX - Selling Points and Competitive Analysis



Competitors

- The modest profile, connectivity capabilities and optional battery allow the FX3-LX to be used throughout the work environment expanding its versatility beyond a simple counter-mounted printer
- Customised AEP applications specifically meet end-user needs making unique processes and procedures seamless and straightforward
- Multiple pre-installed emulations allow the FX3-LX to be easily implemented into existing systems with legacy software
- Extensive memory means the FX3-LX is able to easily store broad databases, custom videos and update with speed



FX3-LX - Dimensions



Product Dimensions



Standard Model

Width: 132 mm (5.19")

Depth: 225 mm (8.85")

Height: 161 mm (6.33")

Weight: 2.5 kg (5.5 lbs)



Battery Mount Model

Width: 132 mm (5.19")

Depth: 225 mm (8.85")

Height: 180 mm (7.08")

Weight: 3.0 kg (6.6 lbs)

FX3-LX – Proven Performance



Proven Performance – The Red Dot Award



reddot award 2017
winner

Red Dot Design Award

The Red Dot Design Award is a prestigious international product design prize awarded by the Design Zentrum Nordrhein Westfalen in Essen, Germany

There were submissions from 54 countries this year and the evaluation is done by a panel of independent, renowned experts based on different criteria like degree of innovation, functionality, product quality, [durability](#) etc.



FX3-LX - Launch Information



Available Material

- Links.
- http://resources.satoeurope.com/cdelements/en_pages/index.html

Collateral:

- Specification Sheet
- Manuals
- Price Lists



Model	FX3-LX
Resolution	300 x 300 dpi
Print Speed	100 mm/s
Media Width	38.1 mm
Media Length	100 mm
Media Thickness	0.1 mm
Media Type	Thermal, Non-thermal
Media Orientation	Landscape, Portrait
Media Color	White, Yellow, Cyan, Magenta, Black
Media Weight	100 g/m²
Media Density	100 g/m²
Media Tensile Strength	100 N
Media Elongation	100%
Media Tear Strength	100 N
Media Adhesion	100%
Media Peel Strength	100%
Media Cut Strength	100%
Media Fold Strength	100%
Media Crease Strength	100%
Media Wrinkle Strength	100%
Media Stretch Strength	100%
Media Shrink Strength	100%
Media Swell Strength	100%
Media Shrinkage	100%
Media Swelling	100%
Dimensions	Width: 100 mm, Height: 100 mm, Depth: 100 mm
Weight	100 g
Connectivity	USB, Ethernet, Wi-Fi, Bluetooth, NFC, QR Code
Compliance	CE, FCC, RoHS, REACH, WEEE, PSE, EMC, LVD, RID, ADR, UN, IEC, ISO, DIN, VDE, TÜV, UL, ENEC, BSI, KEMA, VCCI, CCC, CB, SAA, ETL, NRTL, IECEx, ATEX, IEC 60079, IEC 61508, IEC 61511, IEC 61518, IEC 61519, IEC 61520, IEC 61521, IEC 61522, IEC 61523, IEC 61524, IEC 61525, IEC 61526, IEC 61527, IEC 61528, IEC 61529, IEC 61530, IEC 61531, IEC 61532, IEC 61533, IEC 61534, IEC 61535, IEC 61536, IEC 61537, IEC 61538, IEC 61539, IEC 61540, IEC 61541, IEC 61542, IEC 61543, IEC 61544, IEC 61545, IEC 61546, IEC 61547, IEC 61548, IEC 61549, IEC 61550, IEC 61551, IEC 61552, IEC 61553, IEC 61554, IEC 61555, IEC 61556, IEC 61557, IEC 61558, IEC 61559, IEC 61560, IEC 61561, IEC 61562, IEC 61563, IEC 61564, IEC 61565, IEC 61566, IEC 61567, IEC 61568, IEC 61569, IEC 61570, IEC 61571, IEC 61572, IEC 61573, IEC 61574, IEC 61575, IEC 61576, IEC 61577, IEC 61578, IEC 61579, IEC 61580, IEC 61581, IEC 61582, IEC 61583, IEC 61584, IEC 61585, IEC 61586, IEC 61587, IEC 61588, IEC 61589, IEC 61590, IEC 61591, IEC 61592, IEC 61593, IEC 61594, IEC 61595, IEC 61596, IEC 61597, IEC 61598, IEC 61599, IEC 61600, IEC 61601, IEC 61602, IEC 61603, IEC 61604, IEC 61605, IEC 61606, IEC 61607, IEC 61608, IEC 61609, IEC 61610, IEC 61611, IEC 61612, IEC 61613, IEC 61614, IEC 61615, IEC 61616, IEC 61617, IEC 61618, IEC 61619, IEC 61620, IEC 61621, IEC 61622, IEC 61623, IEC 61624, IEC 61625, IEC 61626, IEC 61627, IEC 61628, IEC 61629, IEC 61630, IEC 61631, IEC 61632, IEC 61633, IEC 61634, IEC 61635, IEC 61636, IEC 61637, IEC 61638, IEC 61639, IEC 61640, IEC 61641, IEC 61642, IEC 61643, IEC 61644, IEC 61645, IEC 61646, IEC 61647, IEC 61648, IEC 61649, IEC 61650, IEC 61651, IEC 61652, IEC 61653, IEC 61654, IEC 61655, IEC 61656, IEC 61657, IEC 61658, IEC 61659, IEC 61660, IEC 61661, IEC 61662, IEC 61663, IEC 61664, IEC 61665, IEC 61666, IEC 61667, IEC 61668, IEC 61669, IEC 61670, IEC 61671, IEC 61672, IEC 61673, IEC 61674, IEC 61675, IEC 61676, IEC 61677, IEC 61678, IEC 61679, IEC 61680, IEC 61681, IEC 61682, IEC 61683, IEC 61684, IEC 61685, IEC 61686, IEC 61687, IEC 61688, IEC 61689, IEC 61690, IEC 61691, IEC 61692, IEC 61693, IEC 61694, IEC 61695, IEC 61696, IEC 61697, IEC 61698, IEC 61699, IEC 61700



Thank You & Questions



Ceaseless Creativity for a Sustainable World