

How to Manage Lots in Odoo 13

lots are a collection of identical products in a single pack or batch. This entire batch is identified and tracked by this Lot number. Managing and delivering a batch of a product under a single identity is much easier than managing by single products.

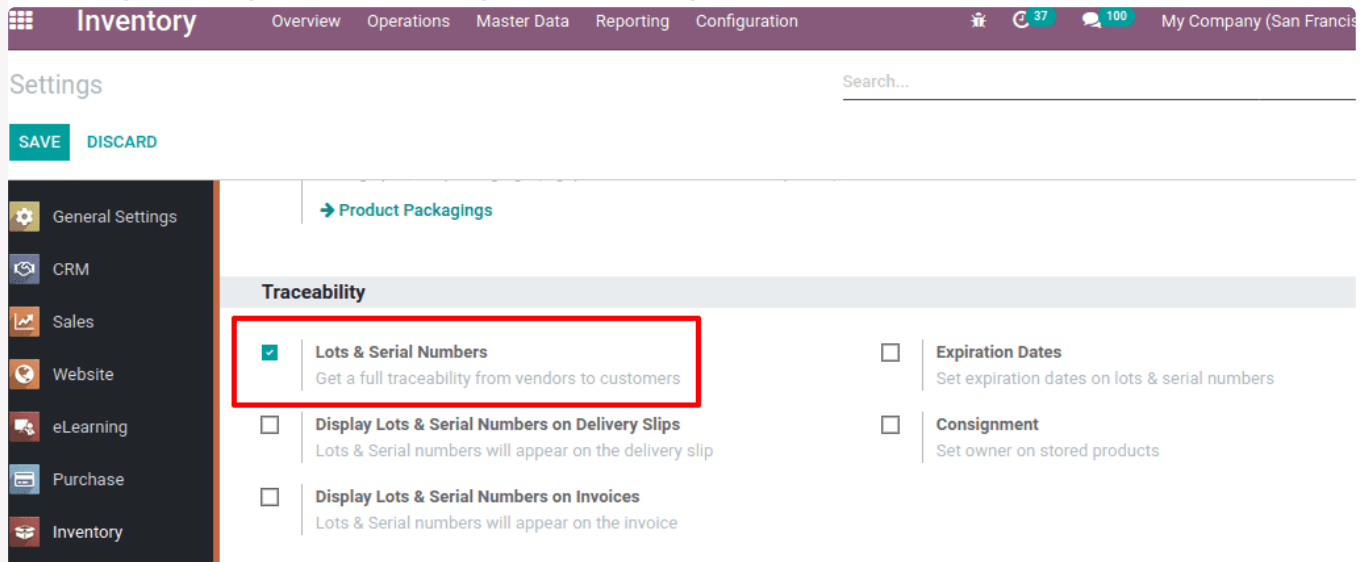
Odoo provides the concept of 'Lots', by which a group of products can be identified using Lot number. Lot numbers and serial numbers are used for the same purpose, ie identification of products. But a lot stands for a batch of similar products, while serial number stands for an individual product.

Lots are mainly used when you receive a bulk amount of product and this will also help in reporting, quality control, etc. But for some consumable products like kitchen rolls, toilet papers, pens, etc have a fewer chances to return if any production fault is identified. So this kind of product store with lots makes no sense.

Configuration

To manage and trace the product by Lot number, firstly enable 'Lots & serial number' under configuration settings of inventory.

Inventory > Configuration > Settings > Traceability > enable Lots & Serial Numbers and Save



The screenshot shows the Odoo 13 web interface for configuring traceability. The breadcrumb path is 'Inventory > Configuration > Settings > Traceability'. The 'Traceability' section is active, and the 'Lots & Serial Numbers' option is checked and highlighted with a red box. Other options include 'Expiration Dates', 'Display Lots & Serial Numbers on Delivery Slips', 'Consignment', and 'Display Lots & Serial Numbers on Invoices'. The left sidebar shows the 'Inventory' menu item selected.

Product configuration

Once the traceability is enabled, one can find the traceability feature inside the product form. Configure any product with traceability lots.

Go to **Inventory > Master data > Products**, choose any of the products upon your requirement.

Products / Water

SAVE DISCARD

Product Name

Water

- Can be Sold
- Can be Purchased

General Information Variants Sales eCommerce Point of Sale Purchase **Inventory** Accounting

Operations

Routes

- push to shelf
- TRANSFER
- Dropship
- Buy
- Resupply Subcontractor on Order
- Replenish on Order (MTO)
- Manufacture
- Mv Companv 3: Receive in 1 step (stock)

Traceability

Tracking

- By Unique Serial Number
- By Lots
- No Tracking

The tracking method is set as 'By Lots' for the product Water. So they can sell as a batch like bottles of 50 units under a single lot number.

Now let's look at how Lots can be managed.

Now create a purchase order for the configured product, so that you will get an option to enter the Lot number for the product while receiving it.

Purchase Orders Products Reporting Configuration My Company (San Francisco) Mitchell Admin

Requests for Quotation / P00071 / WH/IN/00077


EDIT CREATE Print Action 1 /

VALIDATE PRINT UNLOCK CANCEL DRAFT WAITING READY

Operations

WH/IN/00077

Receive From: Azure Interior Scheduled Date: 02/21/2020 12:37:16
Operation Type: My Company 1: Receipts Source Document: P00071
Destination Location: WH 1/Input

Product	Demand	Done	Unit of Measure	
Water	50.000	0.000	Units	

Click on the Lot split button shown in the above image, it will redirect to another window to enter the Lot number.

Detailed Operations

Product: Water
Initial Demand: 50.000 Units
Quantity Done: 0.000 / 50.000 Units

To	Lot/Serial Number	Destination Package	Done	Unit of Measure
WH 1/Input	LOT133043		50.000	Units

Add a line

CONFIRM DISCARD

One can assign a Lot number and Done Quantity and click on CONFIRM. Now validate and receive the product.

Purchase | Orders | Products | Reporting | Configuration | My Company (San Francisco) | Mitchell Admin

Requests for Quotation / P00071 / WH/IN/00077

EDIT CREATE | Print Action | 1 /

PRINT RETURN SCRAP UNLOCK | DRAFT WAITING READY

Traceability | Valuation

WH/IN/00077

Receive From: Azure Interior | Scheduled Date: 02/21/2020 12:37:16
 Operation Type: My Company 1: Receipts | Effective Date: 02/20/2020 12:41:18
 Destination Location: WH 1/Input | Source Document: P00071

Operations | Additional Info | Note

Product	Demand	Done	Unit of Measure
Water	50.000	50.000	Units

Now you can find a smart tab **'Traceability'**. The traceability report of the product with Lot is shown below.

Purchase | Orders | Products | Reporting | Configuration | My Company (San Francisco) | Mitchell Admin

Requests for Quotation / P00071 / WH/IN/00077 / Traceability Report

PRINT

Traceability Report

Reference	Product	Date	Lot/Serial #	From	To	Quantity
WH/IN/00077	Water	2020-02-20 07:11:18	LOT133043	Vendors	Input	50.000 Units

The lot number given for the product will allow you to track the product in the inventory. Hence the purchased product is entered into the inventory along with a Lot number.

Move to the Inventory module, all products with Lots are available under:

Inventory - >Master Data -> Lots/Serial Numbers.

The inventory of the product tracked by the product name is shown below.

Inventory Overview Operations Master Data Reporting Configuration

Lots/Serial Numbers

Product Search...

CREATE IMPORT

Filters Group By Favorites

Lot/Serial Number	Internal Reference	Product	Created on	Company
▶ [FURN_2100] Drawer Black (1)				
▶ [FURN_5555] Cable Management Box (3)				
▶ [FURN_5623] Drawer Case Black (1)				
▶ [FURN_8855] Drawer (1)				
▼ Water (1)				
<input type="checkbox"/> LOT133043		Water	02/20/2020 12:38:07	My Company (San Francisco)

One can track the inventory of a product by Lots as well. Using the group by' option, add a custom group Lot Number, so you can track the inventory of the product using Lot as below.

Inventory Overview Operations Master Data Reporting Configuration

Lots/Serial Numbers

Lot/Serial Number Search...

CREATE IMPORT

Filters Group By Favorites

1-7 / 7 < >

Lot/Serial Number	Internal Reference	Product	Created on	Company
▶ 00000000000030 (1)				
▶ 0000000010001 (1)				
▶ 0000000020045 (1)				
▶ CM-BOX-00001 (1)				
▶ CM-BOX-00002 (1)				
▶ LOT-000001 (1)				
▼ LOT133043 (1)				
<input type="checkbox"/> LOT133043		Water	02/20/2020 12:38:07	My Company (San Francisco)

When you click on the lot number it redirects you to another window, where you can find the details of the lot.

Lots/Serial Numbers / LOT133043

EDIT CREATE

Print Action

4 /

1 Purchases
 Location
 Traceability

LOT133043

Product [Water](#)
 Quantity 50.00 Units
 Internal Reference
 Company [My Company \(San Francisco\)](#)

Description

Three smart buttons regarding this lot can be seen there. User location, Product locations can be tracked.

Lots/Serial Numbers / LOT133043 / Update Quantity

Lot/Serial Number Search...

INVENTORY AT DATE

Filters Group By Favorites

1-3 / 3

<input type="checkbox"/>	Product	Location	Lot/Serial Number	Package	On Hand Quantity	Unit of Measure	Value	Company
<input type="checkbox"/>	Water	Partner Locations/Vendors	LOT133043		-50.00	Units	0.00 ₹	
<input type="checkbox"/>	Water	WH 1/Stock	LOT133043		40.00	Units	0.00 ₹	My Company (San Francisco)
<input type="checkbox"/>	Water	WH 1/Input/Order Processing	LOT133043		10.00	Units	0.00 ₹	My Company (San Francisco)

The traceability will record the product moves from the purchaser to the inventory location.

Lots/Serial Numbers / LOT133043 / Traceability Report

PRINT

Traceability Report

Reference	Product	Date	Lot/Serial #	From	To	Quantity
WH/INT/00119	Water	2020-02-20 09:01:19	LOT133043	Stock	Order Processing	10.000 Units
WH/INT/00118	Water	2020-02-20 08:25:27	LOT133043	Quality Control	Stock	50.000 Units
WH/INT/00117	Water	2020-02-20 08:25:05	LOT133043	Input	Quality Control	50.000 Units
WH/IN/00077	Water	2020-02-20 07:11:18	LOT133043	Vendors	Input	50.000 Units

Here you can find the movement of the product from the vendor to stock and stock to order processing. Upon receiving a product of 50 quantities under a batch, it is moved from the vendor to the stock. Then 10 quantities of product with the same lot is transferred to order processing from the stock.

Now go inventory adjustments for this product, **Inventory > Operation > Inventory adjustments.**

Add product at the product field and click on **START INVENTORY.**

Inventory Overview Operations Master Data Reporting Configuration 37 100 My Company (San Francisco) Mitchell Admin (sf)

Inventory Adjustments / New

SAVE DISCARD

START INVENTORY DRAFT IN PROGRESS

Inventory Reference

Inventory- water

Locations Accounting Date 02/20/2020

Products (Water x) Company My Company (San Francisco)

Counted Quantities Default to stock on hand Default to zero

Now the inventory lines show the current locations of the product. We can identify it with the help of a lot.

Inventory Overview Operations Master Data Reporting Configuration 37 100 My Company (San Francisco) Mitchell Admin (shabna)

Inventory Adjustments / Inventory- water / Inventory Lines Search...

VALIDATE INVENTORY CREATE IMPORT

Filters Group By Favorites 1-3 / 3

Product	Location	Lot/Serial Number	Package	On Hand	Counted	Difference	UoM
<input type="checkbox"/> Water	WH 1/Input/Order Processing	LOT133043		10.000	10.000	0.000	Units
<input type="checkbox"/> Water	WH 1/Stock			80.000	80.000	0.000	Units
<input type="checkbox"/> Water	WH 1/Stock	LOT133043		40.000	40.000	0.000	Units

In the above case, 50 quantities of products are totally purchased with lot number LOT133043. Then, 10 products from 50 units are transferred to order processing. Now, these products under the same lot can be traced as 40 units are in the stock itself and the remaining 10 units in order processing.