



Title of document	How to set stock quantity units and multipliers in SQLWorks
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Purpose

This procedure has been created to describe stock unit descriptions and multipliers in the SQLWorks 'Stock Ledger'.

Scope

This procedure applies to all Lineal Software Solutions staff, as well as any prospective customers or clients who intend to utilise SQLWorks within their business environment. The procedure is aimed at the end user, who will be operating the SQLWorks client.

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Procedure

SQLWorks stock quantity units and multipliers

Introduction to stock quantity units in SQLWorks

A unit description value is always held against a stock item in SQLWorks in order to describe its unit of measure when viewed from the Stock Ledger, Sales Ledger and Purchase Ledger modules of SQLWorks.

1. Setting default stock units in SQLWorks

The default unit description in SQLWorks is set as 'Each'.

To amend the default unit description go to the SQLWorks Navbar on the left hand side and click on 'Preferences', select 'Accounts Prefs', click on 'Edit', click on the 'Stock' tab, in 'Product Ledger Setup Values' section assign your unit via the 'Default Unit Description' field.

The screenshot shows the SQLWorks Accounts Prefs window with the 'Stock' tab selected. The 'Default Unit Description' field is highlighted with a red box and contains the text 'Each'. The 'Accounts Prefs' menu item in the left sidebar is also highlighted with a red box.

SQLWorks

Cancel Save & Close

Company **Stock** Quotes / B2B Orders Debtors (SL)

Enabled Stock Systems

- ☒ Enable Stock System
- ☐ Enable Serial Number System
- ☒ Enable Stock Documents
- ☒ Enable Works Orders System

Enable Asset System

- ☐ Disabled
- ☐ SL Only
- ☒ PL Only
- ☐ SL + PL

Product Ledger Setup Values

Stock Code Assignment ☐ Manual ☒ Auto ☐ Editable

Stock Admin Group Name: STOCK ADMIN ☒

Qty Display Decimal Places: 1

Cost Display Decimal Places: 2

Misc Product Code: MISC

Default Unit Description: Each

Fail Code Message Group: CAN

Movement Message Group: SRC

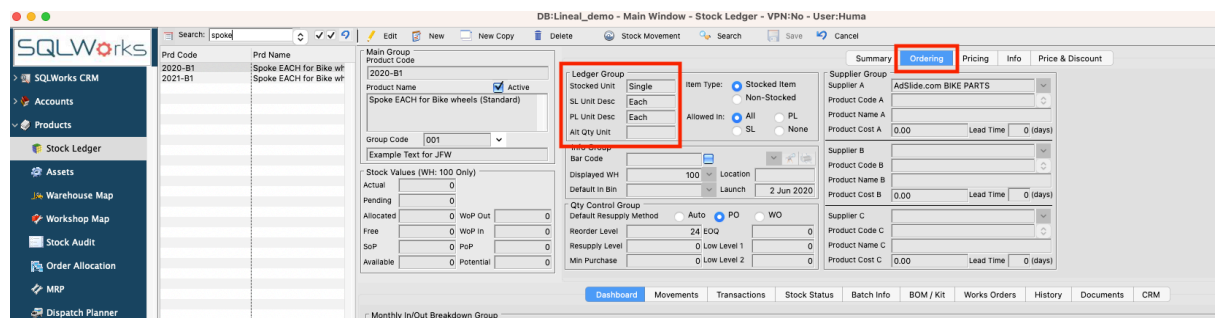
Default Stock Group Code: 001

Freight Codes (1 Per Line)

Carriage check in SL entry ☒ Off ☐ Add on new ☐ Prompt on save

2. Setting Stock Ledger unit descriptions

To refer to the Stock Ledger unit descriptions set against an item in the Stock Ledger, go to the SQLWorks Navbar and click on 'Products', then 'Stock Ledger', and go to the 'Ordering' tab. Click the 'Edit' button at the top of the window to amend 'Ledger Group' descriptions. If you have already input a selection of default descriptions in SQLWorks via the 'refs' lookup table these will be available via a type ahead lookup.



'Stocked Unit'-

This is the unit description as seen from the Stock Ledger, Warehouse and manufacturing systems.

'Sales Ledger Unit'-

This is the unit description that is seen on quotes, orders and invoices.

'Purchase Ledger Unit'-

This is the unit description that is seen on purchase orders.

When you edit a unit description in the 'Ledger Group' section of the 'Ordering' tab you will be prompted to change all unit descriptions to be the same, you can opt to have differing descriptions between the SQLWorks modules.

3. Editing multiplier values for stock items

At times you may need the multiplier values of a stock item to vary amongst the different modules in SQLWorks. For instance, your warehouse unit description is grams, but you buy the product in tonnes, and sell it in kilograms.

Go to 'Info' tab in SQLWorks Stock Ledger, click on 'Edit' and go to the 'Stock Units Group' section.

The screenshot shows the 'Info' tab of a Stock Ledger in SQLWorks. The 'Stock Units Group' is highlighted with a red box. It contains the following fields:

Stock Units Group		
Stk Unit	Grams	Alternate Unit
		Multiplier
SL Unit	Kg	1 Kg in SL = 1000 Grams(s)
Multiplier	1000	
PL Unit	Tonnes	1 Tonnes in PL = 1000000 Grams(s)
Multiplier	1000000	

The 'Dimensions Group' is also visible, containing fields for Height, Width, Depth, Dimensions, Weight, Volume, Density, Size, Colour, and Material, all with values of 0.000 except for Dimensions which is empty.

- 'Stk Unit'**- This is the name of the stocked quantity description.
- 'SL Unit'**- This is the Sales Ledger unit description.
- 'Multiplier'**- Quantity multiplier when taking out of stores, including an equation breakdown detailing the value the Stock Unit must be multiplied by.
- 'PL Unit'** - This is the Purchase Ledger unit description.
- 'Multiplier'**- Quantity multiplier when putting into stores, including an equation breakdown detailing the value the Stock Unit must be multiplied by.

4. Alternative stock units

SQLWorks supports the facility to record an alternative secondary unit of quantity, for example the number of pallets or coils that the costed quantity will arrive in. When a unit description is entered you will be prompted to enter the alternative unit of quantity whenever the primary unit is changed. This alternative unit is shared across all ledgers. To set it up go to the 'Info' tab in the Stock Ledger and edit the 'Stock Units Group' 'Alternate Unit' field.

lete Stock Movement Search Save Cancel

Summary Ordering Pricing Info A

Stock Units Group

Stk Unit	Tonne	Alternate Unit	Coils
		Multiplier	0
SL Unit	Tonne	Shared SL Unit, Custom Alt Qty	
Multiplier	1		
PL Unit	Tonne	Shared PL Unit, Custom Alt Qty	
Multiplier	1		

Stock Types Group

Dimensions Group

Height	0.000
Width	0.000
Depth	0.000
Dimensions	
Weight	0.000
Volume	0.000
Density	0.000
Size	
Colour	
Material	

‘Alternate Unit’-

This describes an alternative quantity unit description when using the sales and purchase ledgers. This could at times be for internal reference or for batch tracking purposes. If clear, the alternative qty will ignored.

‘Multiplier’-

Used to provide a translation from qty to alternative quantity. If this is specified the alternative quantity prompt will default to the calculated value, saving time when creating quotes and orders in the sales ledger or purchase orders in the purchase ledger. The description of this quantity will come from the ‘Alternative Unit’ field in ‘Stock Unit Groups’.

Preview Halt Transaction Side List Save & Close Cancel

Invoice Address **Delivery Address** **Values** Extra, Project & Aut

Customer Name: 100 Lineal Software Solutions Ltd
 Address 1: Commercial House
 Address 2: The Strand
 Address 3:
 Town: Barnstaple
 County: Devon
 PostCode/Countr: EX31 1DR Great Britain
 Sales Contact: 01271 850550
 Employee: sales@lineal.co.uk

Reference Group: Quote Number: Quote Date: 4 Jul 2023
 Your Ref: Our Ref:

Detail Group: Warehouse: 001 Main Warehouse Currency: 1 £
 Department: 001 Main Dept PL Exchange R

Prd Code: STEELWIRE Product Name: Main Group WH: Actual: Alloc: Free: Potent: Part No.

Unit Stk Sell: 1.0000 SSM: 1.000000 Price Per: 1.0000 Unit Desc: Tonne Qty: 2 Gross Amount: Your Discour: Net Amount: Code: VAT: Due Date: Our Cost:

Enter Coils Qty
 Enter Coils qty for 2 Tonne(s) of Main Group (STEELWIRE)
 Alternate qty: 0
 Cancel OK

DB:Test - Purchase Delivery - VPN:No - User:Sys

Preview Halt Transaction Save & Close Cancel Print Barcodes

Account C: Company Name: Lineal Software Solutions Ltd Delivery Due Date: 7 Jul 2023 Delivered Date: 4 Jul 2023 Delivery No: Cancel Unreceived Lines

Notes:

Product: Desc: Order No.: Ordered: Invoiced: Unreceived: To Receive: Into WH: Bin Num: Cancel Remaining Qty:

1 STEELWIRE Main Group 10000 1 2 0 2 3 001 MISC

Enter Coils Qty
 Enter Coils qty for 3 Tonne(s) of Main Group (STEELWIRE)
 Alternate qty: 30
 Cancel OK

Dashboard Movements Transactions Order Processing Stock Status **Batch Info** Serial Numbers BOM / Kit Works Orders History Documents CRM

Batch ID	Lot Number	Pallet Info	WH Code	Bin Number	Batch Date	Original Alt Qty	Original Qty	Cost Per (Base)	Actual Qty	Adv Alloc Qty	Free Qty	Active
1000001			001	MISC	4 Jul 2023	30	3		3	0	3	Y

1 Records

Batch Info Documents Notes QA

Cost: Ex Rate: 1.000000 Lot Number: Required

Source Batch ID: 1000001 Source Batch PO: 10000 Source Batch WO:

Stock Levels: Original Qty: 3 Actual Qty: 3 Alloc Qty: 0 Free Qty: 3

Est Coils qty: 30 Load All Load Active

All Movements SL Invoices PL Orders Works Orders (In) Works Orders (Out)

Date	Reference	Jno	Rec Qty	Issue Qty	Type
4 Jul 2023	10000		0	3	PO

1 Records

If you receive stock in from a purchase order and input an 'Alternative Quantity', this data is stored against the relevant batch in the stock ledger. This data can then also be amended at a later date. All subsequent movements against a batch are recorded

in the stock ledger against a batch including a sum of the original batch less any invoices raised for alternative quantity values.



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