

3. The Landing Cost Calculator menu action will be activated.

Stock Code	Description	Qty	UOM	Unit Price	Amount	Net Amount	Custom...	Insurance	Freight...	Local Charges
LC1	Item with Landing Cost	10	UNIT(S)	10.00	100.00	100.00				
LC2	Item with Landing Cost 2	20	UNIT(S)	20.00	400.00	400.00				

4. Click Landing Cost Calculator.
 - i. Input the value of the 4 landing costs.
 - ii. "Proportion by" will retrieve the default value from the setting. Remain as "Value" for this scenario.
 - iii. Click "OK" button. System will auto calculate the cost for each item.

Proportional Of Landing Cost

Custom Duty: 10.00 Proportion By: Value

Insurance: 20.00 Proportion By: Value

Freight Charges: 30.00 Proportion By: Value

Local Charges: 40.00 Proportion By: Value

Buttons: Diagnostic (Child Window), OK, Cancel

Purchase Invoices

Supplier: 800-B001 Currency: RM Rate: 1.00000000

From: BNC TECHNOLOGY SDN. BHD. Attention: MISS NG Doc Date: 24/11/2015

Term: 90 DAYS Purchaser: ALVIN Invoice No.: BIL1511/019

Location: Supplier DO No.: Supplier Inv No. Rounding

Stock Code	Description	Qty	UOM	Unit Price	Amount	Net Amount	Custom...	Insurance	Freight...	Local Charges
LC1	Item with Landing Cost	10	UNIT(S)	10.00	100.00	100.00	2.00	4.00	6.00	8.00
LC2	Item with Landing Cost 2	20	UNIT(S)	20.00	400.00	400.00	8.00	16.00	24.00	32.00

Rounding Adj: Due Amount: 500.00

Calculation for proportion by “Value”:

$$\begin{aligned} \text{Custom Duty for LC1} &= (\text{Subtotal LC1} / \text{Total Amount}) * \text{Total Custom Duty} \\ &= (\text{RM100} / \text{RM500}) * \text{RM10} \\ &= \text{RM2} \end{aligned}$$

- Go to Inquiry | Stock Inquiry. Select item LC1 and press inquiry. System will show item unit cost as RM12.00 (including landing cost).

Date	Transaction Code	Description	In	Out	Balance	Unit Cost	Value
		BALANCE B/F					
24/11/2015	BIL1511/019	BNC TECHNOLOGY SDN. BHD.	10.00		10.00	12.00	120.00

$$\begin{aligned} \text{Unit Cost for LC1} &= (\text{Custom Duty} + \text{Insurance} + \text{Freight Charges} + \text{Local Charges}) / \text{Qty} + \text{Unit Price} \\ &= (\text{RM2} + \text{RM4} + \text{RM6} + \text{RM8}) / 10 + \text{RM10} \\ &= \text{RM12.00} \end{aligned}$$

- Go to Reports | Stock Reports | Month End Stock Balance. Preview for both items LC1 and LC2. System will show item unit cost with landing cost included.

Month End Stock Balance					
SAMPLE TRADING (M) SDN. BHD. (123456-A)					Page 1 of 1
Date	24/11/2015				
CODE	NAME	UOM	QTY	U. COST	VALUE
LC1	Item with Landing Cost	UNIT(S)	10	12.00	120.00
LC2	Item with Landing Cost 2	UNIT(S)	20	24.00	480.00
2 Records Printed			TOTAL	<u>30</u>	<u>600.00</u>

Landing Cost for “Weight”/ “Volume” proportional method.

1. Create an item LC3 with Weight 2 and Volume 4. LC4 with Weight 1 and Volume 2.
– Issue Purchase Invoice: LC3 2 Qty – Unit cost RM10, LC4 2 Qty – Unit cost RM10

Stock Code	Description	Qty	UOM	Unit Price	Amount	Net Amount	Custom...	Insurance	Freight...	Local Charges
LC3	Item with landing cost 3	2	UNIT(S)	10.00	20.00	20.00				
LC4	Item with landing cost 4	2	UNIT(S)	10.00	20.00	20.00				

2. Click Landing Cost Calculator.
 - i. Input the value of the 4 landing costs.
 - ii. “Proportion by” will retrieve the default value from the setting. Change it to “Weight” for this scenario.
 - iii. Click “OK” button. System will auto calculate the cost for each item.

Proportional Of Landing Cost

Custom Duty **Proportion By:**

Insurance **Proportion By:**

Freight Charges **Proportion By:**

Local Charges **Proportion By:**

Stock Code	Description	Qty	UOM	Unit Price	Amount	Net Amount	Custom...	Insurance	Freight...	Local Charges
LC3	Item with landing cost 3	2	UNIT(S)	10.00	20.00	20.00	6.67	13.33	20.00	26.67
LC4	Item with landing cost 4	2	UNIT(S)	10.00	20.00	20.00	3.33	6.67	10.00	13.33

Calculation:

$$\begin{aligned}
 \text{Custom Duty for LC3} &= (\text{Qty} * \text{Weight}) / \text{Total}(\text{Qty} * \text{Weight}) * \text{Total Custom Duty} \\
 &= (2 * 2) / ((2 * 2) + (2 * 1)) * \text{RM10} \\
 &\quad \quad \quad \text{[LC3]} \quad \quad \text{[LC4]} \\
 &= 4 / 6 * \text{RM10} \\
 &= \text{RM 6.67}
 \end{aligned}$$

* Same calculation for Volume proportional method.

* For manual proportional method, no calculation involved. Whatever value user input will be reflected to each landing cost columns.

Landing Cost in Foreign Currency

- Enable the foreign currency option in landing cost settings.

Landing Costs

	Cost A	Cost B	Cost C	Cost D
Enable Cost	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Display Name	Custom Duty	Insurance	Freight Charges	Local Charges
Proportional	Value	Value	Value	Value
In Foreign Currency	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

1. Issue a Purchase Invoice as below:

Purchase Invoices

Details Supplier Deliver To Others Notes Files Info

Supplier: 800-T002 Currency: USD Rate: 3.80000000
 From: TECH COM INTERNATIONAL Attention: MR.JOHN Doc Date: 24/11/2015
 Term: C.O.D. Purchaser: JANE Invoice No.: BIL1511/021
 Location: Supplier DO No.: Supplier Inv No.:
 Project: Rounding

#	Stock Code	Description	Qty	UOM	Unit Price	Amount	Net Amount	Custom...	Insurance	Freight...	Local Charges
	LC1	Item with Landing Cost	1	UNIT(S)	10.00	10.00	10.00	10.00	20.00	30.00	40.00

Rounding Adj: Due Amount: 10.00

2. Go to Inquiry | Stock Inquiry. Select item LC1 and press inquiry.

Stock Inquiry

Stock LC1 Item with Landing Cost Include GST

Document Date Between 01/11/2015 And 24/11/2015
 Location Equals N/A
 Project Code Equals N/A

Ledger Costing

Date	Transaction Code	Description	In	Out	Balance	Unit Cost	Value
		BALANCE B/F					
24/11/2015	BIL1511/021	TECH COM INTERNATIONAL	1.00		1.00	418.00	418.00

Landing Cost

QNE OPTIMUM

$$\begin{aligned}\text{Unit Cost} &= (\text{Unit Price} * \text{Rate}) + (\text{Custom Duty} / \text{Qty} * \text{Rate}) + (\text{Insurance} / \text{Qty} * \text{Rate}) \\ &\quad + (\text{Freight Charges} / \text{Qty} * \text{Rate}) + (\text{Local Charges} / \text{Qty} * \text{Rate}) \\ &= (10 * 3.8) + (10 / 1 * 3.8) + (20 / 1 * 3.8) + (30 / 1 * 3.8) + (40 / 1 * 3.8) \\ &= 38 + 38 + 76 + 114 + 152 \\ &= \text{RM } 418.00\end{aligned}$$