



InterAcct
SOFTWARE PTY LTD

Bill of Materials

(Optimising Sheets & Lengths)

The InterAcct Manufacturing system is based around the Bill of Materials (BOM).

The BOM combines materials (both purchased and manufactured sub assemblies), and “Operations” – being the production processes involving possibly a combination of Direct Labour, Machine Time, and Sub Contractors.

Material details are drawn from the Products (Stock) Database, including both the Buying and Stocking Unit of Measure. It is possible to handle stock (material) items that are sheets and lengths. In constructing the BOM, you can define the required Length & Width of the ‘cut-out’ size, and then have InterAcct calculate the Spoilage percentage.

This allows you to experiment with a number of standard lengths (and sheets) to try and obtain the optimum – the least spoilage %

Master Item: STEEL ITEM
***Description:** Make A Steel Based Item - Test
Group: MAKE.FG
Dept: ALL

Material \$: 2,155.70 **Kg/M2:** 0.00
Labour \$: 0.00
Machine \$: 0.00
Subbies \$: 0.00
Sundries \$: 65.57 **O/Head %:** 10.00
Total \$: 2,221.27
Sell, ex \$: 3,561.14 **Price \$:** 3,917.25
Profit \$: 1,339.87 **Margin %:** 37.62
Qty to Make #: 1
Unit Cost \$: 2,221.2700
Sell ex GST \$: 3,561.1400

Menu
 1. Materials Required
 2. Operations, Labour
 3. Sundry Costs
 4. Make Instructions
 5. Quality Control Factors
 6. Drawings/Graphics
 7. Stock Item File
 8. Print : BOM
 9. Setup : Operations

Av Production Days: 1
Upd Stock? Y
Comments: TEST FOR STOCK CHANGES

Last Sales Order: 0
Last Job: 0
Prodn Qty #: 0

	Desc	Buy Units	Make ?	Total Qty	Spoilage%	Available#	Mat Cost \$	Margin %	Comments
1	Steel Length, 6m X 12mm	LM-LENGTH	B	2.00	17.50	0.000	100.00	33.33	
2	Steel Sheet, 1200 Wide, 12mm Thick	M2-SHEET	B	9.00	7.18	0.000	900.00	33.33	
3	Imported Part Item	EACH	B	1.00	0.00	0.000	136.21	33.56	
4	Bolt, Stainless Steel, Hex Shape, 12mm	BOX10	B	120.00	0.00	-10.000	19.49	39.85	
							1,155.70		



Demo.MATERIALS - display , MAKE.FG , , Make A Steel Based Item - Test, Make A Steel Based Item - Test

File Record Edit View Go Macro Menu Graph Design Help

Search	STEEL LENGTH, 6M X 12MM STEEL.LTH/6000		Measure	EACH	
Group	STEEL	Item Code	STEEL.LTH/6000	Buy Units	LM-LENGTH
Desc	Steel Length, 6m X 12mm		Out #	2	

Length #	2250	Prod'n Qty #	0.0000
Std Cost \$	50.0000	Available#	0.000
Last Cost \$	50.0000	Qty to Make #	1
Average \$	0.0000	Quantity	2.00
Mat Cost \$	100.00	Waste %	10.00
Net Sell \$	75.00	Total Qty	2.00
	50.00	Markup %	
Sell Price \$	150.00		
Gross Prft \$	50.00	Margin %	33.33

Supplier	STASTESY	Make ?	B
Unit Cost \$	100.0000	O/Head \$	10.00
Unit Sell \$	150.0000	O/H Sell \$	15.00
Comments			

Menu	
1. Add another Material	
2. Drawings Database	
3. View : Stock Item	
4. View : Supplier	

Example : Material Item – Linear Length

Demo.MATERIALS - display , MAKE.FG , , Make A Steel Based Item - Test, Make A Steel Based Item - Test

File Record Edit View Go Macro Menu Graph Design Help

Search	STEEL SHEET, 1200 WIDE, 12MM THICK STEEL.SHEE		Measure	EACH	
Group	STEEL	Item Code	STEEL.SHEET/1200X12	Buy Units	M2-SHEET
Desc	Steel Sheet, 1200 Wide, 12mm Thick		Out #	15	

Length	750	Width #	450	Prod'n Qty #	0.0000
Std Cost \$	100.0000	Available#	0.000	Std Lth#	5,000
Last Cost \$	100.0000	Qty to Make #	1	M2 Out#	5.569
Average \$	0.0000	Quantity	9.00	M2 Used	6.000
Mat Cost \$	900.00	Waste %	10.00	Spoilage %	7.18
Net Sell \$	150.00	Total Qty	9.00	M2 Req'd #	45.000
	150.00	Markup %			
Sell Price \$	1,350.00				
Gross Prft \$	450.00	Margin %	33.33		

Supplier	STASTESY	Make ?	B
Unit Cost \$	900.0000	O/Head \$	90.00
Unit Sell \$	1,350.0000	O/H Sell \$	135.00
Comments			

Menu	
1. Add another Material	
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4. View : Supplier	

Example : Material Item – Sheets – M2