



InterAcct
SOFTWARE PTY LTD

Bill of Materials Reporting

Highlights :

- ✓ Manufacturing with Bill of Materials is just one of many optional Software Modules within the InterAcct system.
- ✓ Software enhancements to the standard InterAcct system happen virtually every week - many as a result of feedback from Customers.
- ✓ This note covers improvements to the Bill of Materials reporting that are provided as a free of charge upgrade to existing InterAcct customers.
- ✓ Also included is an automatic routine to globally update (material) cost items in order to re-calculate the latest cost of manufactured items, and the correct sell pricing.

The screenshot displays the 'InterAcct Master - [MANUFACTURING MENU - display]' window. The interface includes a menu bar (File, Record, Edit, View, Go, Advanced, Menu, Graph, Design, Help) and a toolbar with various icons. Below the toolbar are five main navigation buttons: Clients, Daily Alerts, Creditors, Inventory, and Debtors. The central area is titled 'Menu' and contains a list of 42 numbered items, including 'Step 1: Suppliers Database', 'Job Cost Transactions', 'Materials - Where Used?', and 'Exit InterAcct'. At the bottom, there is a 'Form help' bar with tabs for Field help, Management, Payroll, Stock, Debtors, Creditors, Jobs, Service, and Manuals, and a welcome message: 'Welcome to InterAcct Software - Manufacturing Menu.'

InterAcct Demo - [MANUFACTURING - display]

File Record Edit View Go Advanced Menu Graph Design Help

Master Item: DESK.TOP/2100 Group: SUB-ASSMBY
 *Description: Laminated Desk Top, 2100 X 750mm

Material \$	301.98	Kg/M2	0.00
Labour \$	304.67		
Machine \$	126.66		
Subbies \$	55.00		
Sundries \$	105.33	O/Head %	10.00
Total \$	893.64	Price \$	1,474.45
Sell, ex \$	1,340.41	Margin %	33.33
Profit \$	446.77		
To Make #	1	Av Prodn Days	1
Unit Cost \$	893.6400		
Sell ex GST \$	1,340.4100		

Menu

1. Operations, Labour
2. Materials Required
3. Sundry Costs
4. Make Instructions
5. Quality Control Factors
6. Drawings/Graphics
7. View : Materials by Dept
8. Print : BOM
9. Print Multi level BOM report

Cost Groups

Operations Machines Subbies

Dept's Labour

Stock Item

Last Sales Order: 0

OPERATIONS - ROUTING list , Laminated Desk Top, 2100 X 750mm

File Record Edit View Go Advanced Graph Design Help

	Prodn Dept		Lab Min#	Labour \$	Machine \$	Subbies \$	Total Cost \$	Total Sell \$	Margin %	O/Head \$	Comments
1	ALL	CAD/CAM Design Phase	30.00	16.50	0.00	0.00	16.50	24.75	33.33	1.65	
2	PREP	Cutting Materials to Size	180.00	105.00	95.83	0.00	200.83	301.25	33.33	20.08	
3	PREP	Drilling Holes In Board	20.00	11.67	7.50	0.00	19.17	28.75	33.32	1.92	
4	ALL	Sanding Edges After Cutting	60.00	35.00	23.33	0.00	58.33	87.50	33.34	5.83	
5	PREP	Laminate Edging	0.00	0.00	0.00	55.00	55.00	82.50	33.33	5.50	
6	ASSEMBLE	Assemble Item	180.00	105.00	0.00	0.00	105.00	157.50	33.33	10.50	
7	DESPATCH	Preparation for Despatch	30.00	14.00	0.00	0.00	14.00	21.00	33.33	1.40	
8	DESPATCH	Warranty, Quality Control	30.00	17.50	0.00	0.00	17.50	26.25	33.33	1.75	
			530.00	304.67	126.66	55.00	486.33	729.50		48.63	

This screen shows the Bill of Material “Header” summary file, together with the list of manufacturing “Operations” for this product item.

InterAcct Demo - [MANUFACTURING - display]

File Record Edit View Go Advanced Menu Graph Design Help

Master Item: DESK.TOP/2100
 *Description: Laminated Desk Top, 2100 X 750mm
 Group: SUB-ASSMBY

Material \$: 301.98 Kg/M2: 0.00
 Labour \$: 304.67
 Machine \$: 126.66
 Subbies \$: 55.00
 Sundries \$: 105.33 O/Head %: 10.00
 Total \$: 893.64
 Sell, ex \$: 1,340.41 Price \$: 1,474.45
 Profit \$: 446.77 Margin %: 33.33
 To Make #: 1
 Unit Cost \$: 893.6400 Av Prodn Days: 1
 Sell ex GST \$: 1,340.4100

Menu

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Cost Groups
 Operations
 Machines
 Subbies
 Dept's
 Labour
 Stock Item

Last Sales Order: 0

MATERIALS list , Laminated Desk Top, 2100 X 750mm

	Desc	Buy Units	Make ?	Total Qty	Spoilage%	Available#	Mat Cost \$	Sell Price \$
1	Laminated Board, Beech, 1200 X 6000 X	SHEET	B	1.0000	0.00	4.000	236.00	354.00
2	Edging, Beech, 12mm, 6 Metres	LM	B	1.0000	99.93	3.000	45.00	67.50
3	Desktop Cable Hole Surround, Black	EACH	B	2.0000	0.00	124.000	2.60	3.70
4	Laminated Board, Beech, 1200 X 6000 X	M2	B	1.0500	85.42	4.000	18.38	27.56
							301.98	452.76

This screen shows the list of materials required to make the item – including some that are manufactured Sub Assemblies.

BILL OF MATERIALS : Desk Return, 1000mm

Stock Code : RETURN.1000 Total Cost \$ 485.69 Page : 1 Printed : 27/05/2009
 Stock Group : SUB-ASSMBY Total Sell \$ 728.63 Based on Qty 1 : 12:44:50 PM

Product Description :	Type :	Dept :	Units :	Waste %	Req Qty #	Stk Bal #	Unit Cost \$	Cost \$
Laminated Board, Beech, 1200 X 6000 X 12mm	B	PREP	SHEET	0.00	0	4.000	236.0000	0
Drawer Unit, 3 Drawer, Incl File Drawer	M	ASSEMBLE	EACH	0.00	1.0000	0	243.9100	243.91
Cupboard Door Assembly, 450mm	M	ASSEMBLE	EACH	0.00	1.0000	0	68.7400	68.74
Screws, Chrome Finish, 20mm Hex	B	ASSEMBLE	EACH	0.00	8.0000	956.000	0.2000	1.60
Edging, Beech, 12mm, 6 Metres	B	PREP	LENGTH	0.00	0.5000	3.000	45.0000	22.50
Total for Stock Required								336.75

Operation Costs - Labour/Machines/Subbies												
Order	Operation Cost Description	Labour				Subbies		Machines				
		People	Mins	Hours	Cost \$	Supplier	Cost \$	Run	Setup	SetDown	Hours	Cost\$
010	CAD/CAM Design Phase											
	CAD	1	12.00	0.2000	6.60							
015	Cutting Materials to Size											
	F/HAND	1	15.00	0.2500	8.75							
	CUT-BENCH						15.00	5.00	3.00	0.1333	19.17	
020	Drilling Holes In Board											
	F/HAND	1	5.00	0.0833	2.92							
	DRILL						5.00	1.00	1.00	0.0333	1.75	
025	Sanding Edges After Cutting											
	F/HAND	1	6.00	0.1000	3.50							
	SANDER						6.00	0	0	0	2.00	
030	Laminate Edging											
	LAMINATE using LAMINEPR					LAMINATE	15.00					
035	Assemble Item											
	F/HAND	1	30.00	0.5000	17.50							
040	Preparation for Despatch											
	APPRENT	1	12.00	0.2000	5.60							
045	Installation At Client Site											
	L/HAND	1	18.00	0.3000	12.00							
050	Warranty, Quality Control											
	L/HAND	1	15.00	0.2500	10.00							
					66.87		15.00					22.92

Report Example 1 : Bill of Materials by Cost Group

It shows what Operations (Cost Centre Departments) Materials will be required,

The Required quantity can be compared with what is currently available in stock.

Type "B" are Buy Items, and "M" are Made Items

BILL OF MATERIALS : Desk Return, 1000mm

Stock Code: RETURN.1000	Total Cost : \$ 475.37	Date Printed : 27/05/2009	Page : 2
Stock Group : SUB-ASSMBY	Total Sell : \$ 707.73	Time : 12:50:09 PM	Based on Qty : 1

		Code	Unit #	Qty:	Unit Cost \$	Cost \$	Sell \$	Available #
	Assemble Item	RETURN.1000						
19	Factory Hand	F/HAND	Hours	0.5000	35.00	17.50	26.25	
20	M .....Drawer Unit, 3 Drawer, Incl File Drawer	DRW.3/2+FD	EACH	1.0000	254.3700	254.37	376.17	0
	.....CAD/CAM Design Phase for DRW.3/2+FD							
20.1	.....CAD Designer	CAD	Hours	0.1000	33.00	3.30	4.95	
20.2	.....	Sundry Costs				-0.33	-0.50	
20.3	.....Operations Overhead Recovery	Sundry Items				0.33	0.50	
20.4	.....Operations Overhead Recovery	Sundry Costs				0.33	0.50	
	.....Cutting Materials to Size for DRW.3/2+FD							
20.5	.....Factory Hand	F/HAND	Hours	0.5000	35.00	17.50	26.25	
20.5	.....Using Machine : CUT-BENCH		Hours	30.00	50.00	33.33	50.00	
20.6	.....Laminated Board, Beech, 1200 X 6000 X 8mm	LAM.BEE/8X1200X6	M2	0.0360	17.5000	0.63	0.95	4.000
	..... Length : 450 - Width : 40							
20.7	.....Custom Wood Particle Board, 1200x6000x6mm	CW.RAW/6X1200X6	M2	0.7430	38.7500	2.88	4.32	6.000
	..... Length : 450 - Width : 550							
20.8	.....Laminated Board, Beech, 1200 X 6000 X 8mm	LAM.BEE/8X1200X6	M2	0.1350	17.5000	2.36	3.54	4.000
	..... Length : 450 - Width : 300							
20.9	.....Custom Wood Particle Board, 1200x6000x6mm	CW.RAW/6X1200X6	M2	0.0880	38.7500	0.34	0.51	6.000
	..... Length : 550 - Width : 40							
20.10	.....Custom Wood Particle Board, 1200x6000x6mm	CW.RAW/6X1200X6	M2	0.0360	38.7500	0.14	0.21	6.000
	..... Length : 450 - Width : 40							
20.11	.....Custom Wood Particle Board, 1200x6000x6mm	CW.RAW/6X1200X6	M2	0.3300	38.7500	1.28	1.92	6.000
	..... Length : 550 - Width : 300							
20.12	.....Custom Wood Particle Board, 1200x6000x6mm	CW.RAW/6X1200X6	M2	0.1350	38.7500	0.52	0.78	6.000
	..... Length : 450 - Width : 300							
20.13	.....Operations Overhead Recovery	Sundry Items				5.08	7.62	
20.14	.....Materials Overhead Recovery	Sundry Items				0.81	1.24	
	.....Drilling Holes In Board for DRW.3/2+FD							
20.15	.....Factory Hand	F/HAND	Hours	0.2500	35.00	8.75	13.13	
20.15	.....Using Machine : DRILL		Hours	15.00	15.00	4.25	6.38	
20.16	.....Operations Overhead Recovery	Sundry Items				1.30	1.95	
	.....Sanding Edges After Cutting for DRW.3/2+FD							
20.17	.....Factory Hand	F/HAND	Hours	0.2500	35.00	8.75	13.13	
20.17	.....Using Machine : SANDER		Hours	15.00	20.00	5.00	7.50	
20.18	.....Operations Overhead Recovery	Sundry Items				1.38	2.07	
20.19	.....Abrasives	Sundry Items				5.00	7.50	

Report Example 2 : Shows costs sorted by Cost Centre "Operation".

For those Material Items required for production that are Sub Assemblies (made items), they are highlighted on the report.

Some material items might be by size (M2), and the cut Length/Width size can be shown.

Reports can be further personalised to suit individual InterAcct Customers.