



Parts & Labels - Datasheet PL

For better management and tracking of parts

The Parts & Labels module provides a database for parts and a form and label designer. It is useful where the same parts are used again and again in different cutting lists and where extra information is needed for each part for later processing, admin or bar codes,

Parts can be added to any cutting list with minimum data entry - this saves times and avoids costly mistakes.

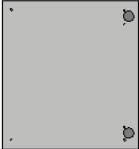



Parts database

The data entry screen provides an easy way to enter part details.

	Part
Edge Btm	@EDGING@
Edge Top	@EDGING@
Edge Left	@EDGING@
Edge Right	@EDGING@
Face Laminate	
Back Laminate	
Edge Diagram	
Finished size	
Drawing name	
Step angle	

The part details include the standard items such as material code, length and width but any amount of user defined information can be stored with each part using extra fields (information boxes). This extra data can also be included on labels and reports to help with later processing of the part.

The part library can also include a picture of the part from a graphics file such as BMP or MPR.

Ref: Example 1	GLOBAL FURNITURE LTD
Part code: DOORS-3TD	
Material: Prelaminated - Black 18mm	
Length: 620.0 mm	Width: 425.0 mm
Finished size: 620.0 x 425.0	QTY: 1
	 DOORS-3TD
	 MFC18-BLACK
	 EXAMPLE1EXAMPLE1
	15/02/2012

For some parts it is often useful to include a picture of the part on a label to help identify the part quickly.

At any cutting list the items in the library can be accessed by a single click and the part can be added to the list. Typically only one or two items of information need to be adjusted such as the quantity required or possibly the material to use.

The screenshot shows a software window titled "Part list - Bedroom & bathroom". The window has a menu bar (File, Edit, View, Optimise, Help) and a toolbar with various icons. Below the toolbar, there are fields for "Title" (Bed / Bathroom), "Opt lite", and "Saw" (default). The main area is a table with columns: Description, Material, Length, Width, Quantity, Over, Under, Grain, Edge Btm, Edge Top, Edge Left, Edge Right, and Face Lam.

	Description	Material	Length	Width	Quantity	Over	Under	Grain	Edge Btm	Edge Top	Edge Left	Edge Right	Face Lam
Global						0 %	0 %	N					
1.	BTH-CAB-BACK	MFC18-TEAK	664.0	564.0	4	0	0	N					
2.	BTH-CAB-BACK	MFC18-EBONY	464.0	564.0	3	0	0	N					
3.	BTH-CAB-BOTTOM												
4.	BTH-CAB-BOTTOM												
5.	BTH-CAB-DOOR-LEFT												
6.	BTH-CAB-DOOR-LEFT												
7.	BTH-CAB-DOOR-RIGHT												
8.	BTH-CAB-DOOR-RIGHT												
9.	BTH-CAB-END-LEFT												
10.	BTH-CAB-END-LEFT												
11.	BTH-CAB-END-RIGHT												
12.	BTH-CAB-END-RIGHT												
13.	BTH-CAB-SHELF												
14.	BTH-CAB-SHELF												
15.	BTH-CAB-SHLF-BASE												
16.	BTH-CAB-SHLF-BASE												
17.	BTH-CAB-TOP												
18.	BTH-CAB-TOP												
19.	DDC-BACK												
20.	DDC-BACK												
21.	DDC-BACK												
22.	DDC-BOTTOM												
23.	DDC-BOTTOM												
24.	DDC-BOTTOM												
25.	DDC-SIDE-LEFT												
26.	DDC-SIDE-LEFT												
27.	DDC-SIDE-LEFT												
28.	DDC-SIDE-RIGHT												

Overlaid on the table is a "Parts" dialog box. It contains a grid of part icons with labels: BASE-BACK, BASE-BOTTOM, BASE-CABINET-BOTTOM, BASE-CABINET-DIVIDER, BASE-CABINET-DOOR, and BASE-CABINET-DRAWER. At the bottom of the dialog box, there is a "Find" input field, a "Filter" checkbox, and "OK", "Edit", "Help", and "Cancel" buttons.

The part library provides a quick and accurate way of creating cutting lists for regularly used parts.

Form & Label designers

The module includes a designer screen so that almost any style of label (typically a small adhesive label) or a full form (a one page report or a route card) can be set up.

These are labels or forms for printing in the Office.

The data on the form or label can be chosen from any of the data set up for each part in the Part database. For example:-

Material code
Length
Width
...
Part drawing
User defined details
Barcodes
Logos
...

The designer allows for the creation of a barcode for any of the items on the form or label, for example, barcodes for the part code and quantity.

Ref: Example 1
Part code: DOORS-3TD
Material: Prelaminated - Black 18mm
Length: 620.0 mm Width: 425.0 mm
Finished size: 620.0 x 425.0
QTY: 1

GLOBAL FURNITURE LTD

DOORS-3TD

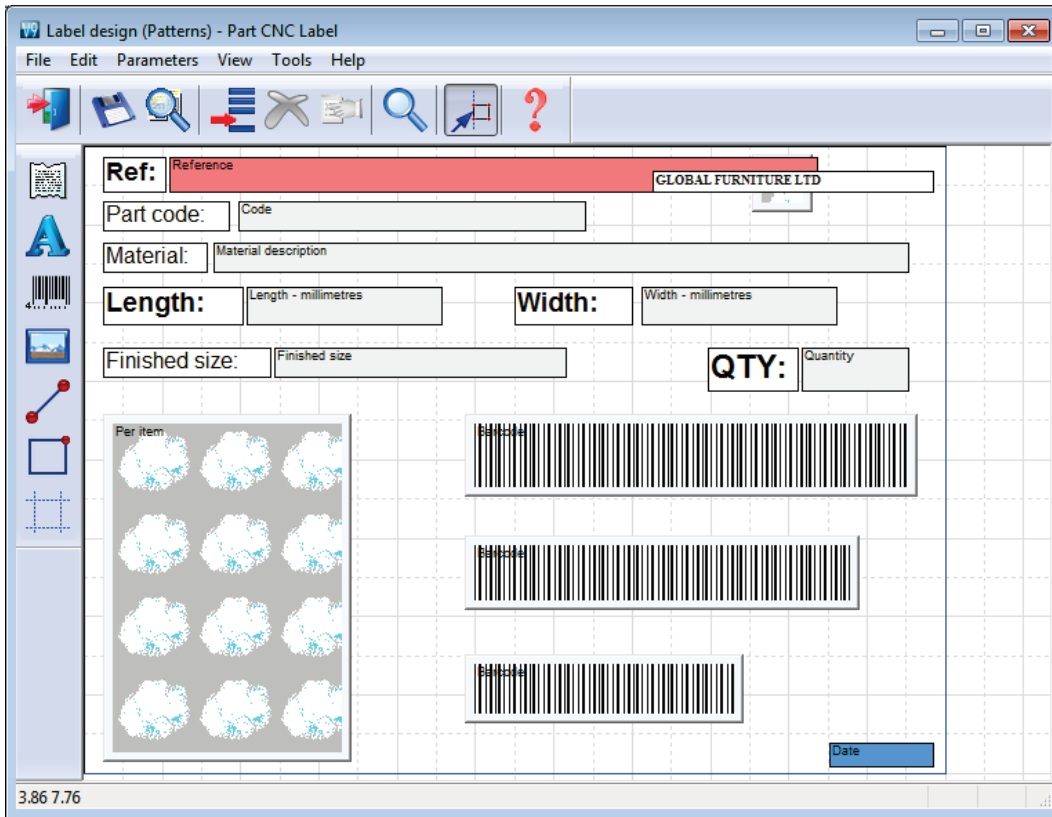
MPC18-BLACK

EXAMPLE1 EXAMPLE1

15/02/2012

The designer screen is easy to use and a variety of templates are already set up to use as a starting point.

The designer screen includes all the typical tools for creating a template including tools to easily specify the data required:-



Each label or form is fully customisable.

The following is part of the design for a larger form/report.

Form design (Patterns) Initial - Cutting Pattern Form

File Edit Parameters View Tools Help

Fixed picture

GLOBAL FURNITURE LTD

Furniture House, 27 Wood Lane, Bristol, BS1 2XR, UK

Telephone: +44 (0)117 933 6323 Fax: +44 (0)117 933 6487

Cutting pattern detail

Reference: _____ Date:

Description: _____

Run number: _____

Run: _____

Item	Part code	Material code	Length	Width	Qty
Item	Code	Material code	Length	Width	Total
Edge Top					
Edge Rtm					
Edge Left					
Edge Right					

Per item

14.23 19.75

The designers include several options to help create effective designs.

Grid, guidelines and snap options - to help place items on the design

Different templates - with alternative designs and styles

Quick preview - to check the layout

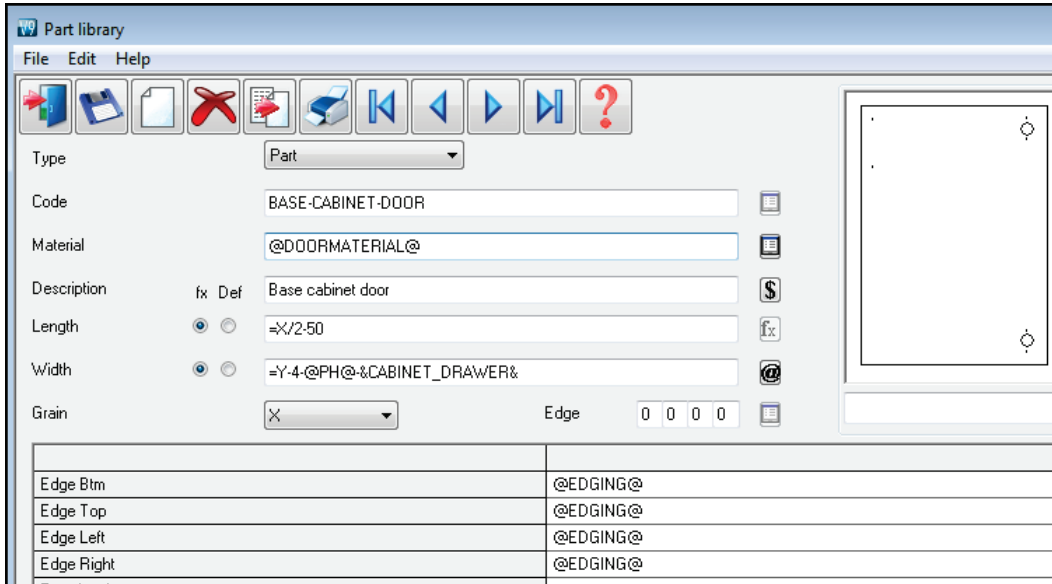
Data preview - to make an accurate check of the layout

The Part library and label designer together make a powerful addition to the program.

Parts & Labels with Products & Quotes (PQ) module

When used with the PQ module the Part library extends the flexibility of the program since it can be used to define parts using variables and formulae for the part information.

The same part entry in the part library can be used for a range of colours, materials or sizes.



The screenshot shows the 'Part library' window with a menu bar (File, Edit, Help) and a toolbar with icons for file operations and navigation. The main form contains the following fields:

- Type: Part
- Code: BASE-CABINET-DOOR
- Material: @DOORMATERIAL@
- Description: Base cabinet door
- Length: =X/2.50
- Width: =Y-4-@PH@-&CABINET_DRAWER&
- Grain: X
- Edge: 0 0 0 0

Edge Btm	@EDGING@
Edge Top	@EDGING@
Edge Left	@EDGING@
Edge Right	@EDGING@

In this example the Material is defined by a variable '@DOORMATERIAL@' and the Length and Width are defined by formulae.

This single part library entry can produce the correct specification for a range of cabinet doors in different materials, colours and sizes.

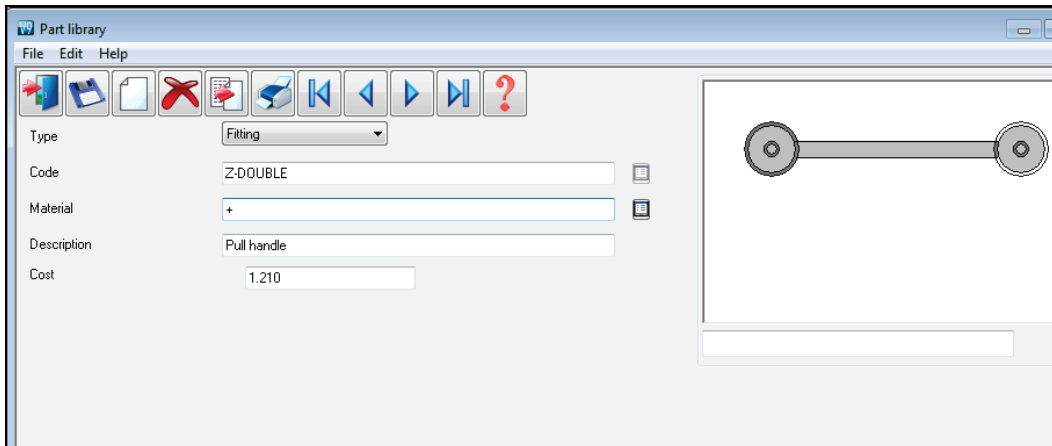
The PQ module is required to use the Part library in this way.

Fittings, Sundry parts, Operations

Requires the PQ module

The parts database can also include fittings (hardware).

Fittings can include typical ironmongery items such handles, hinges and brackets and also larger 'bought in' appliances.



Parts, fittings, operations are all stored in the part library.

The library can also include 'bought in' or sundry parts that are required but are ready to use.

The screenshot shows a software window titled "Part library" with a menu bar (File, Edit, Help) and a toolbar with icons for file operations and navigation. The main area contains a form with the following fields:

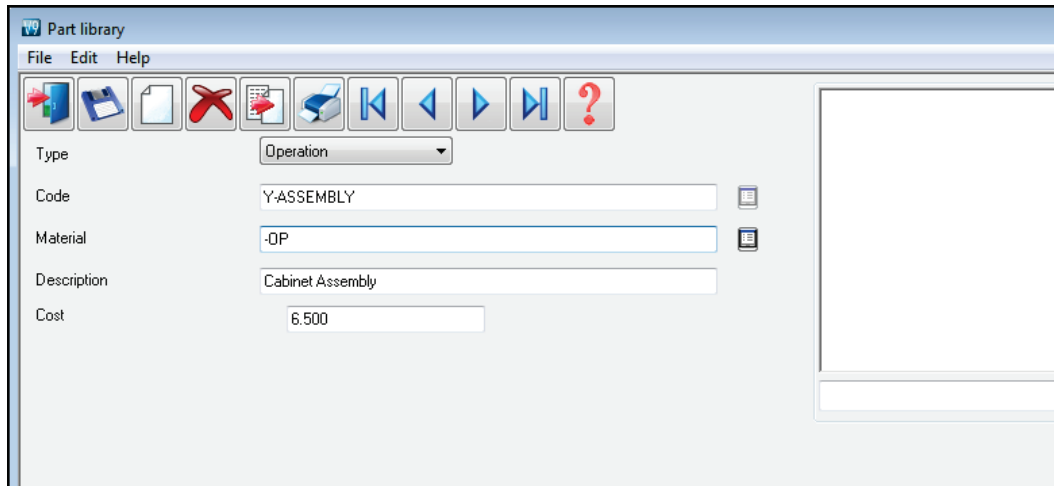
- Type: Part (dropdown)
- Code: SN/235/1
- Material: (empty)
- Description: Aluminium guard (with "fx Def" label)
- Length: 1224.0
- Width: 140.0
- Grain: Variable (dropdown)
- Edge: 0 0 0 0

At the bottom, there is a table with three rows:

Edge Btm	
Edge Top	
Edge Left	

External pictures of items (bmp, jpg) can be included.

The operations required for each part can also be included in the database.



The screenshot shows a software window titled "Part library" with a menu bar containing "File", "Edit", and "Help". Below the menu bar is a toolbar with icons for file operations (add, save, print, delete, copy) and navigation (back, forward, search). The main area contains a form with the following fields:

Type	Operation
Code	Y-ASSEMBLY
Material	-OP
Description	Cabinet Assembly
Cost	6,500

These are items such as, clamping, assembly, packing - where these can be allocated on a 'per part' basis.

All these items, parts, sundry parts, fittings, operations are added to the 'Order' so that a full specification (and costing) of the job is available.

Order: Products & parts order
 Order date: 01/12/2010
 Customer code: CS1001
 Customer name: Kitchens Direct
 Delivery date: 14/12/2010

Contact: John Smith
 Terms: 30 Days
 Status: Estimated

Invoice address: Ashford Road, Birmingham
 Delivery address: Unit 7, Canal Road, Birmingham

Postcode: B11 2RX
 Postcode: B12 4JU

Notes: Credit OK, No Sat Deliveries

Single base unit

Optimising: DEFAULT
 Saw: DEFAULT
 Over: 0

No	Code	Information	Product			Part					Qty	Unit price	Total price
			Width	Height	Depth	Material	Length	Width	Grain	Edge			
1	BASE-SINGLE	Single base unit	500.0	870.0	600.0						7	43.02	301.14
2	BASE-SINK	Sink base unit	1000.0	870.0	600.0						2	46.02	92.04
3	WALL-DOUBLE	Double wall unit	1000.0	750.0	300.0						5	38.65	193.25
4	WALL-SINGLE	Single wall unit	500.0	750.0	300.0						3	23.37	70.11
		Deliver separately											
5	F-UNIT-DOOR	Fixed size unit door				MED-D...	495.0	570.0	N	0000	4	4.02	16.08
6	F-UNIT-END-LEFT	Fixed size unit end left				MEL-CH...	585.0	870.0	N	0000	4	4.50	18.00
7	F-UNIT-END-RIGHT	Fixed size unit end right				MEL-CH...	585.0	870.0	N	0000	4	4.48	17.92
8	Z-SINGLE	Single Knob									23	0.95	21.85
9	Y-PACKING	Packing									14	6.00	84.00
10													
11													
12													
13													
14													
15													
16													

Full editing tools are available for inserting, deleting and changing items.

Parts & Labels with the Machining Interface (MI) module

The Part library is fully integrated with the Machining Interface; the part picture can be a machining drawing from the parametric Machining library. So any pictures and details created in the machining library can be passed through to the part label or form.

Edge Btm	
Edge Top	
Edge Left	@EDGING@
Edge Right	
Face Laminate	

The part library can also be integrated with:-

External bitmap (BMP) drawing
WoodWop MPR drawings

The MI module is required to use the Part library with the parametric machining library

Parts & Labels with the Online PC option

The PL module can be used with the Online PC option for designing and printing labels at the saw. The Online PC option is typically used where there is no saw controller or the saw controller only has limited set of options.

Information and labels from the PL module are automatically sent to the Online PC option to allow the viewing and printing of part information at the Saw.

Summary of Parts & Labels

- The form and label designer is not directly used for printing labels at the saw (other than via the Online PC option). It can be used to create designs for some saw controllers (e.g. Cadmatic) but there are often also label design options with many saw controllers.

- Typically the PL module is used with one of the optimising modules LO, SO or PO but it can also be used as a stand-alone module as a 'Parts only' option.

PL module includes:-

Parts database (part library)
Form designer
Label designer

	PL	PL + PQ	PL + MI	PL + Online PC
Maximum items in library	99999	99999	99999	99999
Parts	•	•	•	•
Sundry parts		•		
Fittings		•		
Operations		•		
Maximum length for part code	50	50	50	50
Form designer and templates	•	•	•	•
Label designer and templates	•	•	•	•
Parametric parts		•	•	
Parametric drawings			•	
External part drawings	•	•	•	•
Printing at Office	•	•	•	•
Printing at Saw				•
Import parts to database	•	•	•	•
Import external drawings to database	•	•	•	•

- The number of designs for the form designer or label designer is unlimited.

- Printing at the Saw is typically handled by software at the saw controller