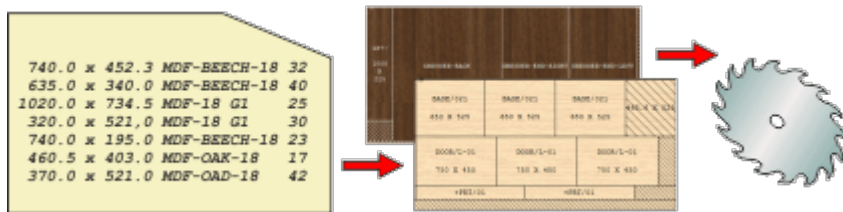




Magi-Cut Intro - Datasheet

Magi-Cut Intro is a straightforward way of generating cutting patterns for a list of part sizes. It is designed for the smaller workshop using a sliding table saw or vertical saw and is focused on producing efficient cutting patterns from lists of part sizes and available materials (boards).



This is how to work with Magi-Cut Intro:-

- Create (or import) a part list
- Enter or adjust the part sizes, material and quantities required
- Automatically select the available board sizes from the Board library

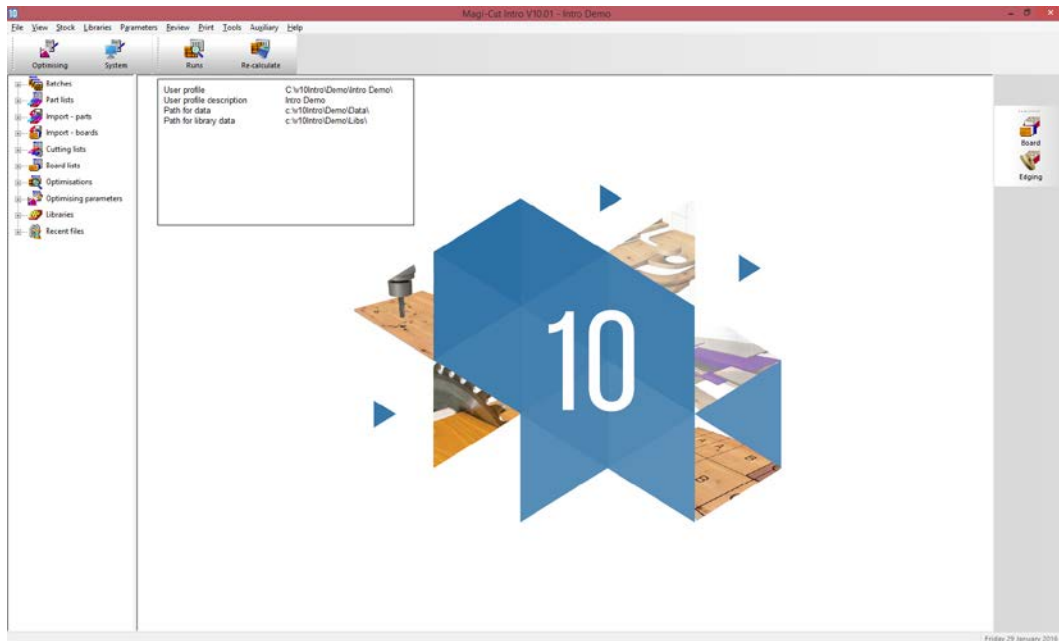


Optimise

- Review the results
- Print or Export results
- Use the Cutting instructions to set the saw

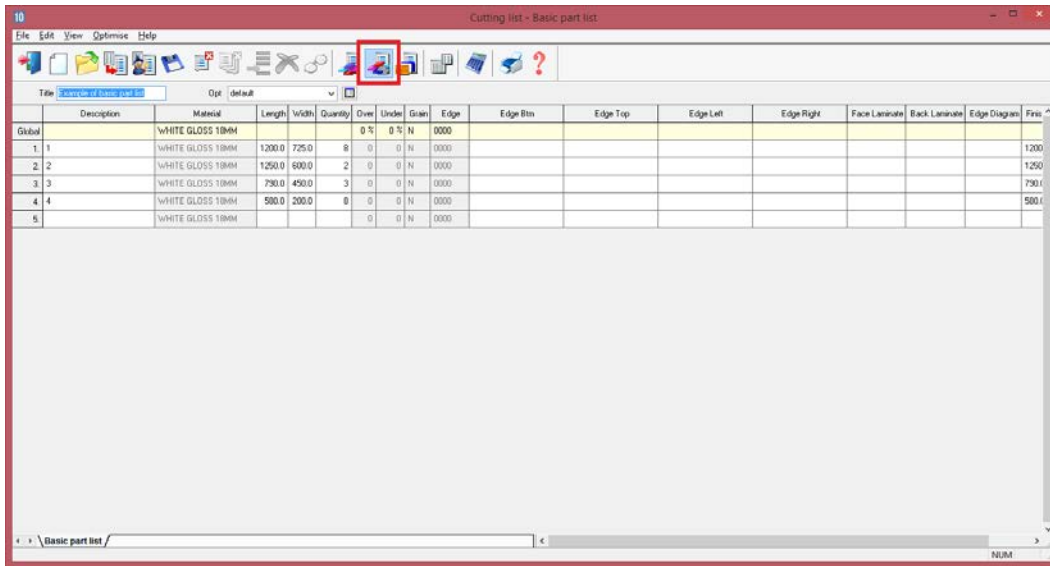
Magi-Cut Intro also includes options for dealing with Edges and laminates, controlling and updating stock in a library of boards, and a designer for custom reports and labels.

The Main screen is the heart of the system. All options and data are available from here.



The starting point of optimisation is a list of part sizes (cutting list).

Once the part sizes and other details are entered the program creates a Cutting list.



Global	Description	Material	Length	Width	Quantity	Over	Under	Grain	Edge	Edge Btm	Edge Top	Edge Left	Edge Right	Face Laminar	Back Laminar	Edge Diagram	Price
1		WHITE GLOSS 18MM	1200.0	725.0	8	0	0	N	0000								1200
2		WHITE GLOSS 18MM	1250.0	600.0	2	0	0	N	0000								1250
3		WHITE GLOSS 18MM	730.0	450.0	3	0	0	N	0000								730.0
4		WHITE GLOSS 18MM	500.0	200.0	6	0	0	N	0000								500.0
5		WHITE GLOSS 18MM				0	0	N	0000								

This is a copy of the part list but where there is edging or other information fields the program automatically calculates the actual cutting sizes ready for the saw.

The program also creates a Board list.

Board list - Basic part list

File Edit View Options Help

Title:

	Board	Type	Material	Length	Width	Information	Quantity	Cost	Link	Bin	Supplier	Grain	Material			
Global													Description	Parameters	Picture	Density
1.	WHITE GLOSS 18MM/01		WHITE GLOSS 18MM	2550.0	1525.0		106	5.340	0	210	Laminale Supply Co	N	Gloss finish - White ...			0.400
2.			WHITE GLOSS 18MM													

Basic part list /

NUM

The Board list is created by the program extracting from the Board library all board sizes (and offcuts if any) matching the material codes used in the Cutting list against each part.

The board library stores the details and quantities of all the sheet material.

10

Board library

File Edit View Help

Materials									
Material	Description	Thickness	Default grain	Book	Picture	Type	Density		
BLUE GLOSS 18MM	Gloss finish - Blue 18mm	18.0	N	0		Gloss finish	0.400		
CHERRY GLOSS 18MM	Gloss finish - Cherry 18mm	18.0	N	0		Gloss finish	0.400		
CHIPBOARD-18MM	Chipboard Core 18mm	18.0	N	0			0.350		
EBONY MDF 18MM	Medium Density Fibreboard - Ebony 18mm	18.0	Y	0		MDF	0.650		
EBONY-LAM-1MM	Ebony Laminate 1mm	1.0	Y	10		Laminate	0.900		
GREEN GLOSS 18MM	Gloss finish - Green 18mm	18.0	N	0		Gloss finish	0.400		
HARDBOARD-4MM	Hardboard 4mm	4.0	N	8			0.750		
MAPLE MDF 18MM	Medium Density Fibreboard - Maple 18mm	18.0	Y	0		MDF	0.650		
MED-DEN-FIBRE-18MM	Medium Density Fibreboard 18mm	18.0	N	0		MDF	0.650		
MED-DEN-FIBRE-25MM	Medium Density Fibreboard 25mm	25.0	N	0		MDF	0.650		
MEL-CHIP-15MM	Prelaminated - White 15mm	15.0	N	0			0.500		
MEL-CHIP-18MM	Prelaminated - White 18mm	18.0	N	0			0.500		

Boards for material: MEL-CHIP-15MM Prelaminated - White 15mm Thickness:15.0 Book:0

Board code	Type	Length	Width	Information	Stock	Cost	Limit	Bin	Supplier	Grain	Method
MEL-CHIP-15MM/01		3050.0	1220.0		901	2,590	0	160	General Boards Inc	N	Area
MEL-CHIP-15MM/02		2440.0	1220.0		729	2,560	0	162	General Boards Inc	N	Area

NUM



The program produces a set of cutting patterns and moves to the 'Review runs' section of the program. This shows all cutting patterns and a set of summary reports.

The first report shown is an overall summary of the job; the *Management Summary*.

Example of basic part list

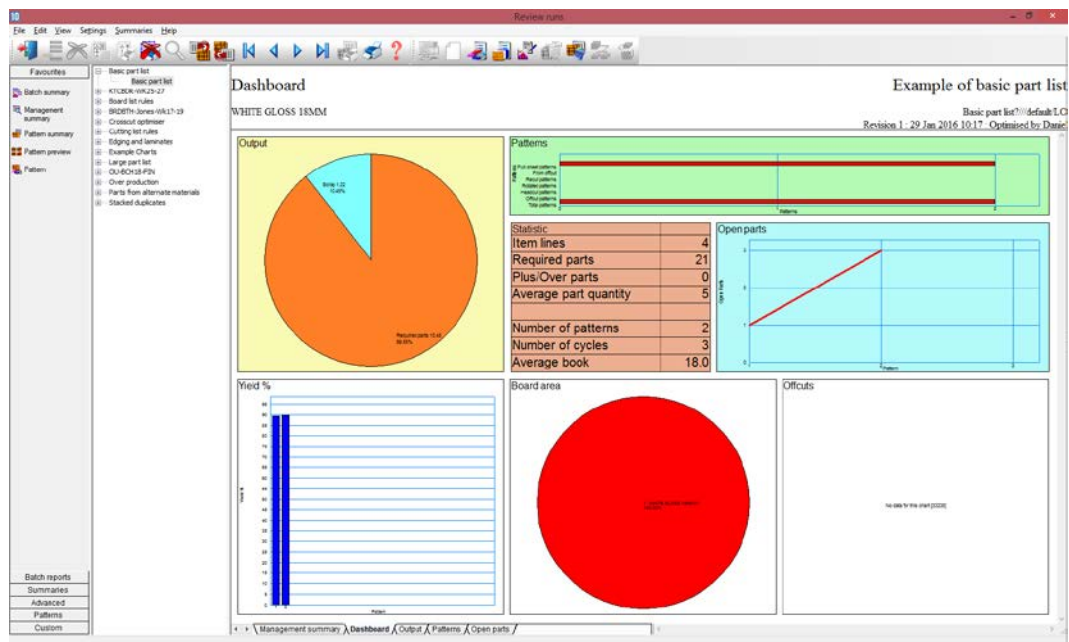
Basic part list? default LCO
Revision 1 - 29 Jan 2016 10:17 - Optimised by Dario

Description	Quantity	m2	m3	Weight	Percent	Rate	Cost	Statistic	Value
Required parts	21	10.45	0.19		89.55%			Number of patterns	2
Plus-over parts	0	0.00	0.00		0.00%			Headcut patterns	0
Offcuts	0	0.00	0.00	0.00	0.00%			Routed patterns	0
Scrap	1.22	0.02			10.45%			Racut patterns	0
Core trim	0.00	0.00			0.00%			Number of cycles	3
Boards	3	11.67	0.21	84.00	100.00%			Cutting length	6.0
								Throughput (M3/hr)	6.0
								Waste (%Boards)	10.45%
Sheets used		11.67	0.21		100.00%	5.340	62.30		
Offcuts used		0.00	0.00		0.00%		0.00		
Offcuts created		0.00	0.00		0.00%	0.000	0.00		
Net material used		11.67	0.21		100.00%	5.340	62.30		
Cutting time		0.0044					0.000	0.00	
Total parts	21	10.45	0.19	75.27	89.55%	5.962	62.30		

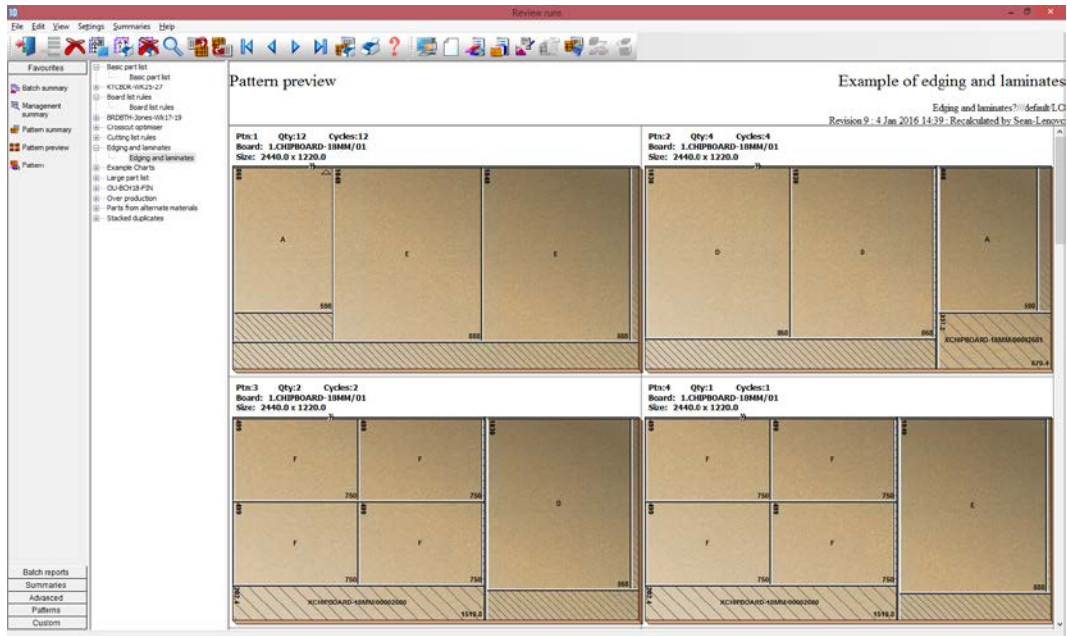
Management summary / Dashboard / Output / Patterns / Open parts /

This is an overall summary of the job, for example. Total costs, Overall Waste percentage, Net material used...

At the foot of the report are a set of tabs with more information. For example, the 'Dashboard' gives a graphical view of the management summary data.

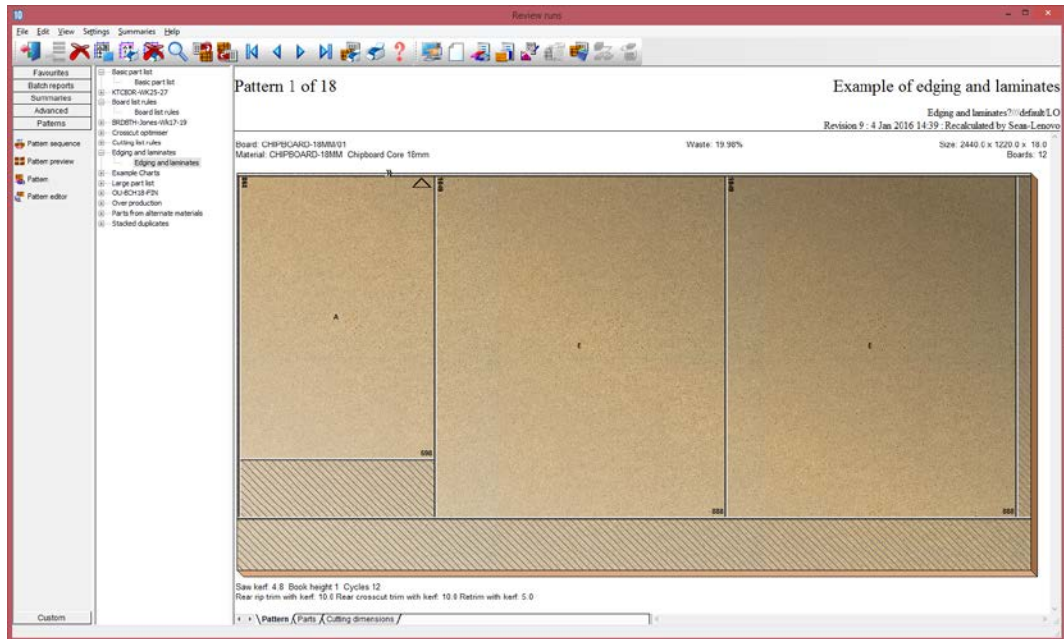


The individual cutting patterns are viewed via the 'Pattern preview' option.

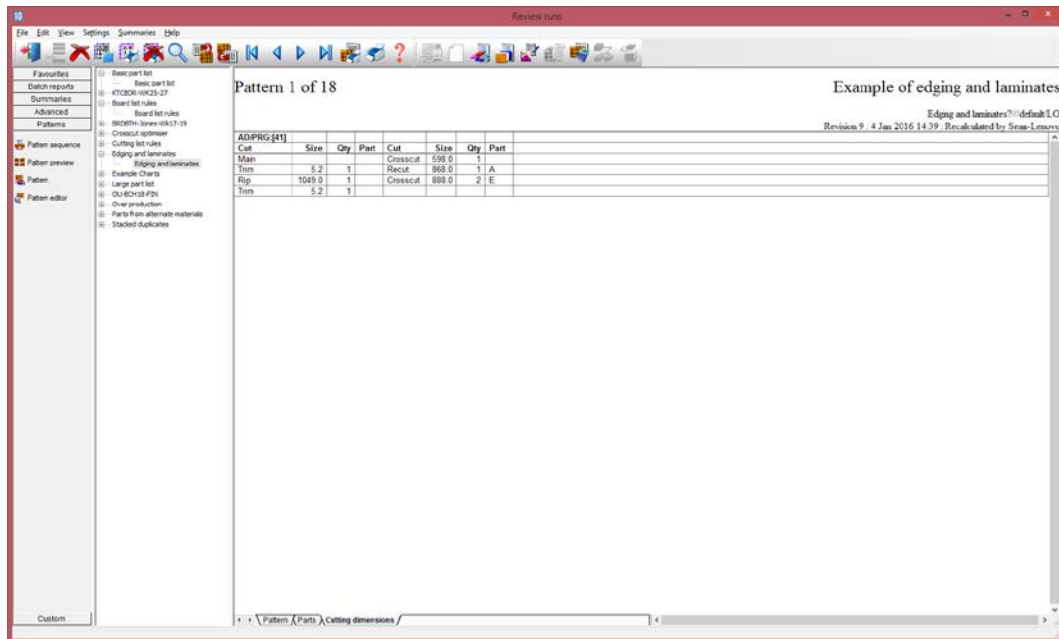




Double click on a thumbnail to view the pattern full screen.



The cutting instructions can be used to set the saw; there are options to export the pattern data and/or the print the data.

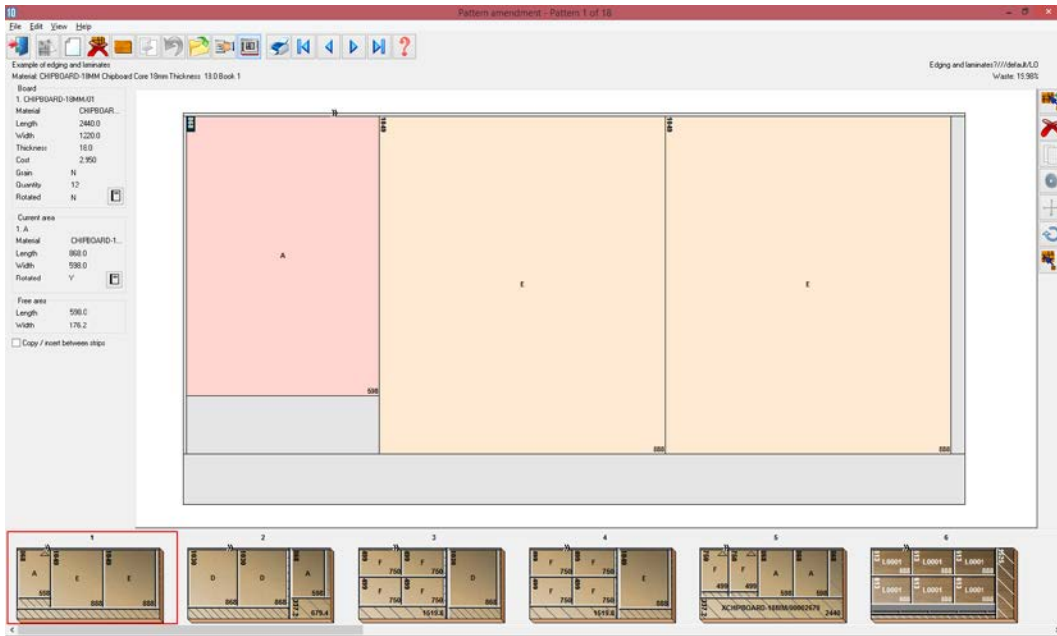


Pattern editor

In production there are sometimes last minute changes if materials are not available or an order changes. The optimiser includes a pattern editor to adjust the patterns; to alter a quantity, change a board, change to order in which patterns are cut...



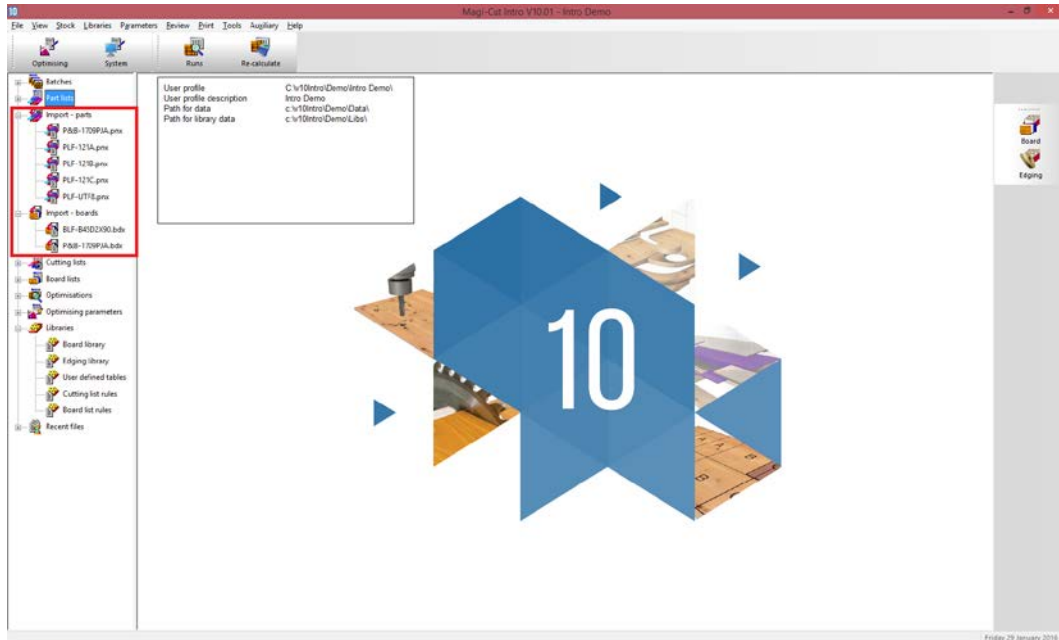
Click on any pattern to move to the editor.



Once the changes are complete the run is recalculated. The editor is easy to use and acts in a similar way to a graphics program.

Import and export cutting data

The program includes a variety of options for importing and exporting data from the program.



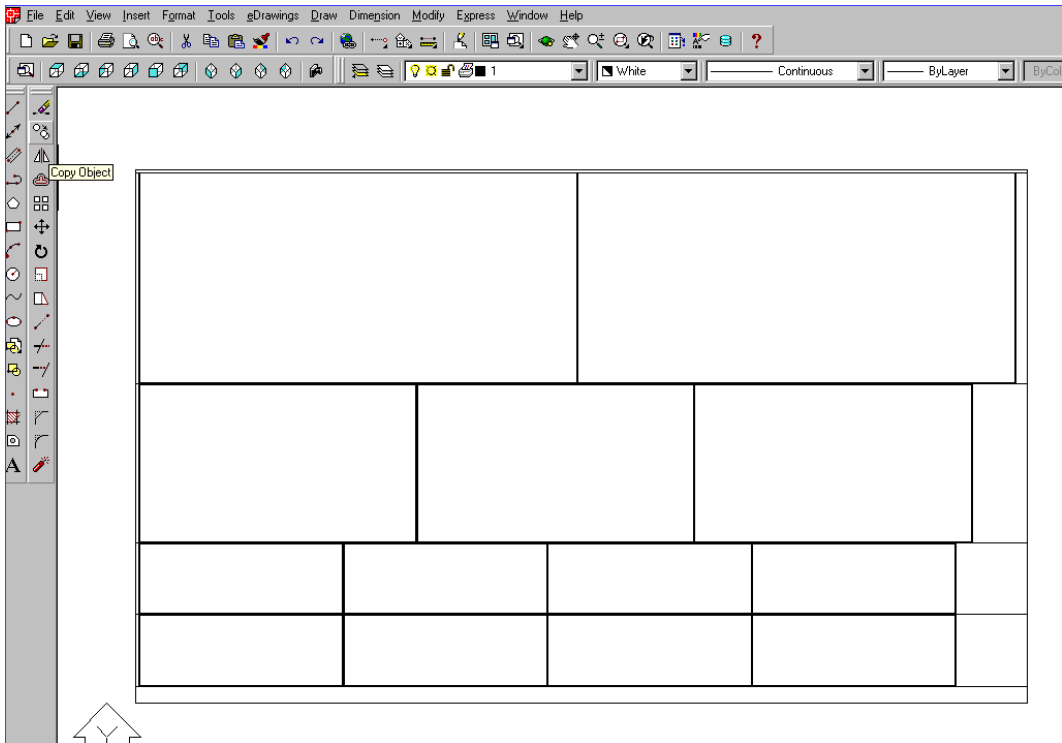
Any set of results or individual reports can be exported to an external file (for example, a text file or an Excel format file). Pattern drawings can be exported as a DXF format file.

In the following example a Part list summary was exported to Excel.

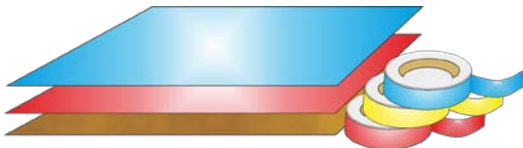
The screenshot shows an Excel spreadsheet with a 'Part summary' table. The table has columns for Part / Description, Length mm, Width mm, Total Req, From Stock, Over Under, Total Prod, m2 / Part, Total m2, Material cost, Material cost Grain, and Edge. The data is organized into sections for different materials: Chipboard, Oak Laminate, and Teak Laminate. The 'Total' row at the bottom shows a total of 295.00 m2 and 1146.540 material cost.

No	Part / Description	Length mm	Width mm	Total Req	From Stock	Over Under	Total Prod	m2 / Part	Total m2	Material cost	Material cost Grain	Edge
1	Intro Demo											
2	Part summary											
3	Example of edging and laminates											
4	Revision 9 - 4 Jan 2016 14:39 - Recalculated by Sean-Lenovo											
5	Chipboard-18MM Chipboard Core 18mm Thickness 18.0 Book 1											
6	1 A	868.00	590.00	18	0		18	0.52	9.34	1.960	35.060 N	0000
7	9 D	1030.00	860.00	10	0		10	0.89	8.94	3.350	33.540 N	0000
8	12 E	1049.00	888.00	25	0		25	0.93	23.29	3.490	87.370 N	0000
9	15 F	750.00	499.00	14	0		14	0.37	5.24	1.400	19.660 N	0000
10				67	0		67		46.81		175.630	
11	OAK-LAM-18MM Oak Laminate 1mm Thickness 1.0 Book 1											
12	2 L0001	868.00	613.00	18	0		18	0.54	9.80	3.680	69.830 Y	0000
13	3 L0001	890.00	24.00	18	0		18	0.02	0.39	0.150	2.750 Y	0000
14	4 L0001	890.00	24.00	18	0		18	0.02	0.39	0.150	2.750 Y	0000
15	5 L0001	618.00	24.00	18	0		18	0.02	0.27	0.110	1.900 Y	0000
16	6 L0001	618.00	24.00	18	0		18	0.02	0.27	0.110	1.900 Y	0000
17				90	0		90		11.10		79.110	
18	MEL-CHIP-15MM Prelaminated - White 15mm Thickness 15.0 Book 1											
19	7 B	568.00	443.00	20	0		20	0.26	5.09	0.750	15.240 N	0000
20				20	0		20		5.09		15.240	
21	MED-DEN-FIBRE-18MM Medium Density Fibreboard 18mm Thickness 13.0 Book 1											
22	8 C	935.00	585.00	20	0		20	0.55	10.94	4.190	83.730 N	0000
23				20	0		20		10.94		83.730	
24	TEAK-LAM-18MM Teak Laminate 1mm Thickness 1.0 Book 1											
25	10 L0004	1050.00	883.00	10	0		10	0.93	9.27	8.830	88.270 Y	0000
26	11 L0004	1050.00	883.00	10	0		10	0.93	9.27	8.830	88.270 Y	0000
27				20	0		20		18.54		176.530	
28	EBONY-LAM-18MM Ebony Laminate 1mm Thickness 1.0 Book 1											
29	13 L0005	1069.00	903.00	25	0		25	0.97	24.13	10.020	250.470 Y	0000
30	14 L0005	1069.00	903.00	25	0		25	0.97	24.13	10.020	250.470 Y	0000
31	15 L0005	770.00	537.00	14	0		14	0.41	5.79	4.290	60.080 Y	0000
32	16 L0005	770.00	494.00	14	0		14	0.38	5.33	3.950	55.270 Y	0000
33				78	0		78		59.38		616.290	
34	Total			295.00	0		295.00		151.87		1146.540	
35												
36												
37												

Patterns can be exported to a DXF format and are then available to most CAD programs.



Edges & Laminating



This option provides a full set of options to deal with edged, trimmed and laminated parts. A wide variety of edging methods are covered:-

- Tape, Laminate strips, Solid lipping, Postform edging, Bullnose edging, Laminate front and back, Core trimming (cutting back before edging), Edge before laminating

The edging requirement is set at the part list and can be set for each part.

Global	Description	Material	Length	Width	Quantity	Over	Under	Grain	Edge	Edge Btm	Edge Top	Edge Left	Edge Right	Face Laminate	Back Laminate	Edge Diagram	Price
1. A		CHIPBOARD-18MM	870.0	600.0	18	0	0	N	0000	OAK-LAM	OAK-LAM	OAK-LAM	OAK-LAM	OAK-LAM		044.044.033...	
2. B		MEL-CHIP-15MM	570.0	450.0	20	0	0	N	0000	WHITE TAPE 22MM	WHITE TAPE 22MM	WHITE TAPE 22MM	WHITE TAPE 22MM			044.022.023...	
3. C		MED-DEN-FIBRE-18...	950.0	600.0	20	0	0	N	0000	MAHOGANY-LIP	MAHOGANY-LIP	MAHOGANY-LIP	MAHOGANY-LIP			:000:001	
4. D		CHIPBOARD-19MM	1030.0	870.0	10	0	0	N	0000	TEAK-LAM	TEAK-LAM	TEAK-LAM	TEAK-LAM	TEAK-LAM	TEAK-LAM	000.000:	
5. E		CHIPBOARD-18MM	1050.0	890.0	25	0	0	N	0000	EBONY-TAPE	EBONY-TAPE	EBONY-TAPE	EBONY-TAPE	EBONY...	EBONY-L...	000.000:	
6. F		CHIPBOARD-19MM	750.0	480.0	14	0	0	N	0000	POSTFORM	CORE-TRIM			EBONY...	EBONY-L...	000.000:	
7.						0	0										

A set of extra fields (called Information boxes) extend the Part list to allow for the entry of the edging code for each edge of each part. For example, in the above example items such as drawers and doors have edging material on some of the edges.

The correct cutting sizes are produced automatically and placed in the 'Cutting list'.

Cutting list - Edging and laminates															
File Edit View Options Help															
Title: Part List Edging and laminates															
Type: default															
Global	Description	Material	Length	Width	Quantity	Over	Under	Gran	Edge	Edge Btm	Edge Top	Edge Left	Edge Right	Face Laminate	Back Laminate
1	A	CHIPBOARD-18MM	959.0	595.0	19	0	0	N	0000	OAK-LAM	OAK-LAM	OAK-LAM	OAK-LAM	OAK-LAM	
2	L0001	OAK-LAM-1MM	888.0	513.0	19	0	0	Y	0000						044.044.033
3	L0001	OAK-LAM-1MM	890.0	24.0	18	0	0	Y	0000						
4	L0001	OAK-LAM-1MM	890.0	24.0	18	0	0	Y	0000						
5	L0001	OAK-LAM-1MM	618.0	24.0	18	0	0	Y	0000						
6	L0001	OAK-LAM-1MM	618.0	24.0	18	0	0	Y	0000						
7	B	MELCHIP-15MM	568.0	448.0	20	0	0	N	0000	WHITE-TAPE-23MM	WHITE-TAPE-23MM	WHITE-TAPE-23MM	WHITE-TAPE-23MM		044.022.023
8	C	MED-DEN-FIBRE-18...	935.0	595.0	20	0	0	N	0000						
9	D	CHIPBOARD-18MM	1030.0	868.0	10	0	0	N	0000	TEAK-TAPE	TEAK-TAPE			TEAK-LAM	TEAK-LAM
10	L0004	TEAK-LAM-1MM	1050.0	883.0	10	0	0	Y	0000						000.001
11	L0004	TEAK-LAM-1MM	1050.0	883.0	10	0	0	Y	0000						
12	E	CHIPBOARD-18MM	1049.0	888.0	25	0	0	N	0000	EBONY-TAPE	EBONY-TAPE		EBONY-TAPE	EBONY-L...	EBONY-L...
13	L0005	EBONY-LAM-1MM	1069.0	903.0	25	0	0	Y	0000						000.000
14	L0005	EBONY-LAM-1MM	1069.0	903.0	25	0	0	Y	0000						
15	F	CHIPBOARD-18MM	750.0	439.0	14	0	0	N	0000	POSTFORM	CORE-TRIM			EBONY-L...	EBONY-L...
16	L0006	EBONY-LAM-1MM	770.0	537.0	14	0	0	Y	0000						000.000
17	L0006	EBONY-LAM-1MM	770.0	434.0	14	0	0	Y	0000						
18						0	0								

For example, a finished width of 600.0 mm requires a cutting size of 597.0 mm if the part is edged by (1.5 mm) tape on each length edge.

The part list can also include fields for laminating one or both sides of a part.

The edging summary gives full details of the edging requirements including the costs.

Edging summary

Example of edging and laminates

Edging and laminates? Default L.O.
Revision 1: 29 Jan 2016 11:42 Optimised by Daniel

Code	Description	Material	Thickness	Cost	Total	Total
			mm	m	m	Cost
WHITE TAPE 25MM	White PVC Tape 25mm		1.0	0.550	42.36	23.30
TEAK TAPE	Teak PVC Tape 25mm		1.0	0.840	21.00	17.64
EBONY TAPE	Ebony PVC Tape 25mm		1.0	0.840	76.20	64.01
Total						104.95

Edging summary /

Edging summary

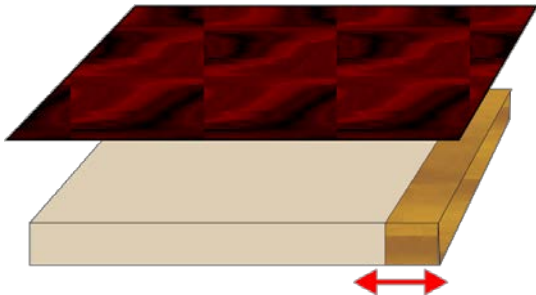


Edging library

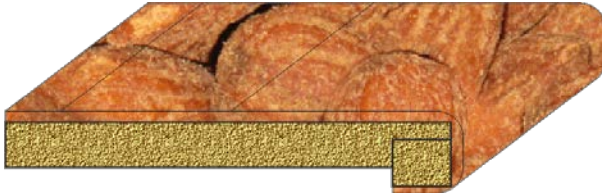
The details of the edging materials and operations are set up in the Edging library. This can be customised to match many different edging methods, for example, whether edging is applied before laminating, whether a core trim is taken, the type of edging ...

Edging library									
Code	Description	Material	Grain	Function	Thickness	Core trim	Cost	Edge trim	
ASH-TAPE-22MM	Ash PVC Tape 22mm		N	1	1.5	0.0	0.750	N	
BEECH-TAPE-22MM	Beech PVC Tape 22mm		N	1	1.0	0.0	0.720	N	
BULLNOSE	Bull nosed edge		N	5	0.0	0.0	0.000	N	
CORE TRIM	Oversize cutting		N	0	0.0	20.0	0.000	N	
EBONY-LAM	Ebony Laminite	EBONY-LAM-1MM	Y	3	1.0	0.0	1.450	N	
EBONY-TAPE	Ebony PVC Tape 22mm		N	1	1.0	0.0	0.940	N	
GREEN-TAPE-22MM	Green PVC Tape 22mm		N	1	1.0	12.0	0.550	N	
LEBROWN-TAPE	Light Brown Tape		N	1	1.0	0.0	0.730	N	
MAHOGANY-LIP	Solid Mahogany lip		N	2	25.0	10.0	1.850	N	
OAK-LAM	Oak Laminite	OAK-LAM-1MM	Y	3	1.0	0.0	1.360	N	
OAK-TAPE-22MM	Oak PVC Tape 22mm		N	1	1.0	0.0	0.640	N	
POSTFORM	Postformed edge		N	4	0.0	0.0	0.000	N	
RED-TAPE-22MM	Red PVC Tape 22mm		N	1	1.0	0.0	0.750	N	
TEAK-LAM	Teak Laminite	TEAK-LAM-1MM	Y	3	1.0	0.0	1.400	N	
TEAK-TAPE	Teak PVC Tape 22mm		N	1	1.0	0.0	0.840	N	
WHITE-TAPE-22MM	White PVC Tape 22mm		N	1	1.0	0.0	0.550	N	

The core trim, for example, allows for the removal of core material ready for solid wood lipping.



This can include the details for more complex edges such as postform and bullnose edges.



Stock Control

The stock control options allow the offcuts generated in each run to be returned to the Board library so they are available for later optimisations. There are also options to update the board stock from an external file and to adjust board costs.

The quantity of boards required for any job is calculated by the optimization.

Board summary														
No	Material	Material Description	Board	Length mm	Width mm	Qty in Stock	Qty Used	Length m	Area m ²	Cost m ²	Cost / Board	Total Cost	Weight	Material
1	CHIPBOARD-18MM	Chipboard Core 18mm	CHIPBOARD-18MM/01	2440.0	1220.0	397	20	58.54	2.950	8.782	175.63	375.38	180	Gener
5	EBORY-LAM-1MM	Elbony Laminate 1mm	EBORY-LAM-1MM/01	3650.0	1525.0	340	25	116.28	5.300	24.662	616.29	154.48	221	Lamin
6	MED-DEN-FIBRE-18MM	Medium Density Fibreboard 18mm	MED-DEN-FIBRE-18MM/01	3650.0	1525.0	1221	4	18.61	4.500	20.331	83.72	217.58	127	
5	MEL-CHIP-15MM	Prelaminated White 15mm	MEL-CHIP-15MM/02	2440.0	1220.0	729	2	5.95	2.560	7.621	15.24	44.85	162	Gener
2	OAK-LAM-1MM	Oak Laminate 1mm	OAK-LAM-1MM/01	3650.0	1525.0	78	3	13.95	5.670	26.373	79.12	12.48	215	Lamin
7	TEAK-LAM-1MM	Teak Laminate 1mm	TEAK-LAM-1MM/01	2440.0	1220.0	81	10	29.77	5.930	17.652	176.52	26.73		
Total							64		244.10			1146.53	781.81	

Stock control - optimising

Once the run is committed for cutting (data sent to saw) the stock can be updated by the 'Issue stock for runs' options.

The board quantities are reduced and any offcuts are added back to the library.

10

Board library

File Edit View Help

Materials

Material	Description	Thickness	Default grain	Book	Picture	Type	Density
OAK MDF 18MM	Medium Density Fibreboard - Oak 18mm	18.0	Y	0		MDF	0.650
OAK-LAM-1MM	Oak Laminate 1mm	1.0	Y	10		Laminate	0.900
PARTICLBRO-25MM	Particle board 25mm	25.0	N	0			0.550
RED GLOSS 18MM	Gloss finish - Red 18mm	18.0	N	0		Gloss finish	0.400
TEAK MDF 18MM	Medium Density Fibreboard - Teak 18mm	18.0	Y	0		MDF	0.650
TEAK-FOIL	Foil - teak (sundry)	0.1	N	0		Sundry	0.000
TEAK-LAM-1MM	Teak Laminate 1mm	1.0	Y	10		Laminate	0.900
TIMBER-2800	Timber	10.0	Y	0			0.530
WALNUT MDF 18MM	Medium Density Fibreboard - Walnut 18mm	18.0	Y	0		MDF	0.650
WHITE GLOSS 18MM	Gloss finish - White 18mm	18.0	N	0		Gloss finish	0.400
WHITE-ACRYLIC-12MM	Acrylic - White 12mm (sundry)	12.0	N	0		Sundry	0.000

Boards for material: TEAK-LAM-1MM Teak Laminate 1mm Thickness:1.0 Book:10

Board code	Type	Length	Width	Information	Stock	Cost	Limit	Bin	Supplier	Grain	Method
XTEAK-LAM-1MM/0000275	X	2440.0	322.2		10	2.965	0			Y	Area
XTEAK-LAM-1MM/00002750	X	320.4	883.0		10	2.965	0			Y	Area
TEAK-LAM-1MM/01		2440.0	1220.0		71	5.930	0		Laminate Supply Co	Y	Area
TEAK-LAM-1MM/02		3050.0	1525.0		89	5.930	0		Laminate Supply Co	Y	Area

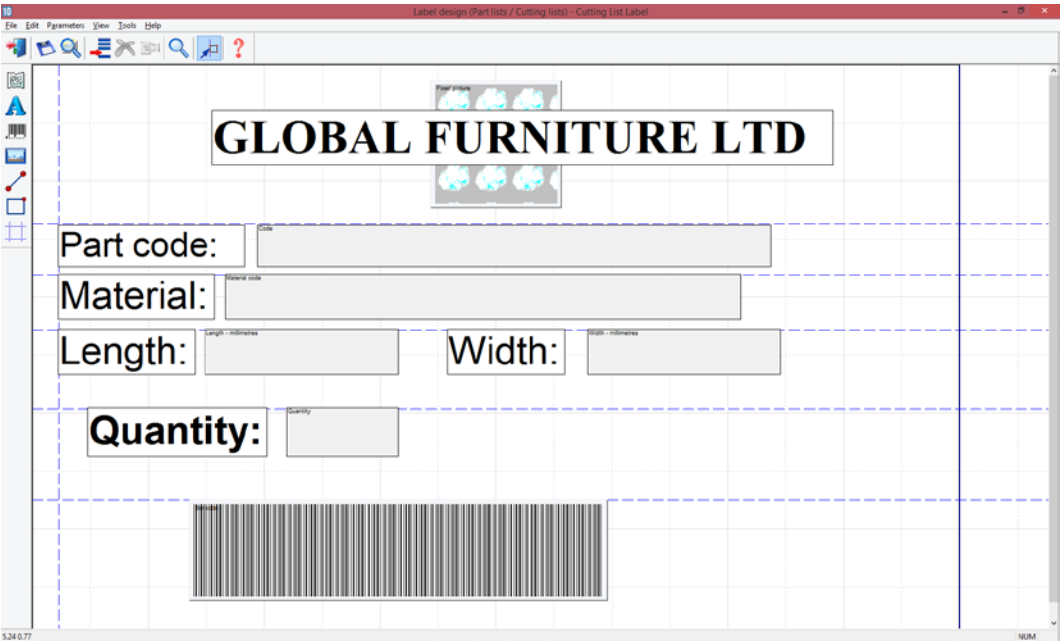
NUM

Adjust Stock from file - The stock quantities can also be adjusted from an external file. This is useful, for example, where there is record of material orders on another system.

Labels and Forms

Use the Design options to create templates for labels and forms. Labels are typically for printing labels in the office for parts or runs.

The following example shows a design for a label at the Design screen.



Labels can be printed for a cutting list or for a run.

<p> GLOBAL FURNITURE LTD</p> <p>Part code: W-ROBE-TOP Length: 1000.0mm Width: 600.0 mm Material: MFC18-TEAK Quantity: 5</p>  <small>103</small>	<p> GLOBAL FURNITURE LTD</p> <p>Part code: W-ROBE-PLINTH Length: 964.0 mm Width: 125.0 mm Material: MFC18-TEAK Quantity: 5</p>  <small>93</small>
<p> GLOBAL FURNITURE LTD</p> <p>Part code: W-ROBE-END-RIGHT Length: 578.0 mm Width: 1782.0mm Material: MFC18-TEAK Quantity: 5</p>  <small>52</small>	<p> GLOBAL FURNITURE LTD</p> <p>Part code: W-ROBE-END-LEFT Length: 578.0 mm Width: 1782.0mm Material: MFC18-TEAK Quantity: 5</p>  <small>98</small>

The Form design is similar and includes facilities for page numbers, headings, and continuation pages...



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 details

Job Ref: Edging and laminates

Date: 12/06/2013

Description: Example of edging and laminates

Run Number: Edging and laminates

Run details: Edging and lami.../Edging and lami.../default/lite/

Item	Part code	Material code	Length	Width	Qty
1	END/1 Length edge - bottom: TEAK-TAPE Length edge - top: TEAK-TAPE	CHIPBOARD-18MM	870.0	598.0	20
2	L0001	TEAK-LAM-1MM	890.0	613.0	20
3	UNIT END-TD Length edge - bottom: WHITE-TAPE-22MM Length edge - top: WHITE-TAPE-22MM Width edge - right: WHITE-TAPE-22MM	MEL-CHIP-15MM	569.0	448.0	15
4	TOP-CAB 3 Length edge - bottom: WHITE-TAPE-22MM	MEL-CHIP-15MM	950.0	319.0	25

Form design can also be used to create custom 'on screen' reports. These are automatically included on the Review runs screen under the 'Custom' tab.

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Review runs

File Edit View Settings Summaries Help

Batch reports

Summaries

Advanced

Patterns

Custom

Board Details

Cutting List Form

Cutting Pattern Form

Material Details

Optimised Part Details

Pattern Details

Edging and laminates

Batch report list

KT2024-10-23-27

BIGDTH-Jones-vik17-19

Overseal optimiser

Cutting list rules

Example Charts

Large part list

OU-80138-F2N

Over production

Parts from alternate materials

Stacked duplicates

Cutting List Form 1 of 4

GLOBAL FURNITURE LTD

Furniture House, 27 Wood Lane, Bristol, BS1 2XR, UK
Telephone +44 (0)117 933 6323 Fax: +44 (0)117 933 6487

Job reference:
Edging and laminates

Title:
Example of edging and laminates

Date:
29/01/2016

Example of edging and laminates

Edging and laminates v10.0 default LO
Revision 1 : 29 Jan 2016 11:42 : Optimized by Daniel

Cutting list details

Item	Part code	Material details	Length	Width	Qty
1	A	Material: CHIPBOARD-18MM Chipboard Core 18mm	868.0	598.0	18
5	D	Chipboard Core 18mm	1030.0	868.0	10
12	E	Chipboard Core 18mm	1049.0	888.0	25
15	F	Chipboard Core 18mm	750.0	499.0	14

Page1

Housekeeping – Magi-Cut Intro includes many 'housekeeping' options to copy, delete and back up data. The operation of the screens and calculation can be customised on-screen and via parameter settings. The program is fully supported by integrated, up to date, local help (no need to rely on a web link).

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Features for Magi-Cut Intro

	Magi-Cut Intro
<i>Part list</i>	
Metric or Imperial dimensions	*
Grain/cross grain or no grain parts	*
Exact quantity or over/under production	*
Maximum part sizes per part list	10000
Mixed material lists - unlimited materials per job	*
User-defined part list information fields	99
Configurable part list editor	*
<i>Import</i>	
Import part/cutting lists from user-defined CSV or XLS(X) files	*
Import board lists from user-defined CSV or XLS(X) files	*
<i>Cutting list</i>	
Edgebanding adjustments & requirements	*
Calculation of laminate sizes	*
Multiple boards & offcut sizes per job	*
<i>Optimising</i>	
Small quantity sheet optimiser	*
Medium quantity sheet optimiser	*
Timber/worktop cross cut optimiser	*
Pattern complexity controls	*
Saw kerf & trim settings	*
Minimise material costs	*
Maximum part sizes per optimisation	10000
Maximum pieces per optimisation	10000
Faster optimisation with multi-core processors	*
Batch optimisation - multiple lists - up to 250 jobs	*
<i>Export</i>	
Export report data to Access database	*
Export summaries to XLS(X) files	*
Export summaries to PDF	*

Export patterns to DXF files	*
Reports, forms and labels	
Batch, job summaries	*
Part, board, material and pattern summaries	*
Offcut summary	*
Weight calculations	*
Dashboard - graphs and bar charts	*
Configurable reports & summaries	*
Form design - part lists, patterns	*
Label design - includes bar codes & pictures	*
Labels for parts and offcuts	*
Stock	
Material library with boards and offcuts	*
Automatic stock issue from jobs	*
Import stock adjustment from file	*
Patterns	
Thumbnail preview of patterns	*
Pattern display - colour coded or material texture	*
Pattern editor - add, move, delete parts	*
Cutting instructions for saw operator	*
General	
File maintenance - copy /delete files	*
Backup & restore data	*
Integrated local help	*
Link to website	*
User profiles	*
Vista/Win 7/ Win8 platforms / Windows 10	*