

Cim200

manufacturing

Cim200 - Stock Profile

Stock Item

Code: ABBuln/15/0/2 Name: CHANGED/AB B

Stock Profile

Stock Figures

Stock Figures

Stock Qty: 16.00000 PO Qty:

Allocated Qty: 0.00000 SO Qty:

Free Stock Qty: 16.00000 Outstanding WO Qty:

Stock Figure Details

☐ Purchase Orders ☒ Sales Orders ☐ WO Demand ☐ Outstanding WO

Document No	A/C Ref	Name	Document Type
0000005025	MAN010	Mike & Mickey's Renovati...	Sales Order
0000005082	LON008	W. Baldslow (Builders)	Sales Order
0000005095	KIT001	Kitchen Refit Specialists Ltd	Sales Order
0000005099	ABB001	Abbey Retail Ltd	Sales Order
0000005108	ABB001	Abbey Retail Ltd	Sales Order
0000000123	ABB001	Abbey Retail Ltd	Pro Forma Invoice

View Export to Excel

sage 200

manufacturing solution

All the tools...

you need to run...

...your business.

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Introduction to CIM

CIM Services is an award-winning Sage Business Partner and complete IT solution provider, trusted for over 30 years to deliver simple and effective IT solutions to more than 300 SME customers across the UK and worldwide.

Specialising in Sage Accounts and Manufacturing solutions, including Sage 50, Sage 200, Sage CRM, and Infor: Swan, we are a Sage Independent Software Vendor, having developed our own manufacturing solutions including Cim50 for Sage 50 Accounts and Cim200 for Sage 200.

We have an experienced, dedicated, and approachable team who can offer a complete range of services to help guide your business through implementing a new IT system. From developing and improving an existing system, to providing day-to-day technical support to ensure you are getting the most from your chosen business solution.



Cim200 Manufacturing

Cim200 provides you with all the tools you need to control each stage of your manufacturing processes and gives you the control and confidence you need from your business-critical software.

We have combined our 120+ years' worth of manufacturing industry leading experience and knowledge to produce our own cutting-edge software solution for Sage 200. We have created a fully integrated product that looks and feels like Sage 200 but with all the extra functionality you would expect from a manufacturing solution.

Our design philosophy has focused on improving manufacturing process efficiencies, streamlining data entry, and providing powerful enquiry screens to allow you to maximise your manufacturing output potential, whilst controlling your stock levels and cash flow, enabling you to focus on your business growth.





Stock Control

manage your stock

With Cim200 Stock Control, track and maintain the items you sell, buy, or manufacture.

To enable Cim200 Manufacturing to integrate seamlessly with Sage 200 Stock Control, all development has been implemented using the same well known user interface. Many new features have been added to enhance the way you manage your stock, including a detailed stock profile showing the current and projected stock levels, a rapid entry stock movements screen, allowing users to make quick and easy stock movements, along with an audit log showing any amendments made to the stock item, by whom, and when.

Stock Profile

The stock profile screen provides you with a complete situational overview of your stock record, incorporating demands, replenishments, and stock status for a specified item.

You have the ability to drilldown into current orders, giving you full visibility of your stock situation, allowing you to ensure you can fulfil customer and manufacturing needs.

The 'real time stock projection' provides a list of all the proposed stock movements, starting with the opening stock balance, followed by subsequent transactions, listed in date order, with a running total, allowing you to easily identify any negative stock and adjust orders accordingly.

Cim200 - Stock Profile

Stock Item
Code: ABBuiltIn/15/0/2 Name: CHANGED! AB Built-In Cookers Single-Oven/300mm/White Warehouse: A Options

Stock Profile
Stock Figures

Stock Figures

Stock Qty:	151.40000	PO Qty:	20.00000	WIP Qty:	0.00000
Allocated Qty:	6.00000	SO Qty:	13.90000	Quarantine Qty:	4.00000
Free Stock Qty:	587.20000	Outstanding WO Qty:	0.00000	Goods in Transit Qty:	0.00000

Stock Figure Details

☒ Purchase Orders ☐ Sales Orders ☐ WO Demand ☐ Outstanding WO ☐ Quarantine ☐ Goods in Transit ☐ Real Time Stock Projection ☐ MRP Stock Projection Refresh

Order No.	Supplier	Name	Auth	Line Order Qty	On Order Qty	Received Qty	Invoiced Qty	SOP Order	Buying Unit	Requested Delivery
0000003292	ATL001	Atlas Ranges Ltd	Not Required	12.00000	7.00000	5.00000	5.00000	No	Each	28/06/2020
0000003293	ERN001	Ernie Swinton Whiteware...	Not Required	13.00000	13.00000	0.00000	0.00000	No	Each	

View Export to Excel

Cim200 - Stock Profile

Stock Item
Code: ABBuiltIn/15/0/2 Name: CHANGED! AB Built-In Cookers Single-Oven/300mm/White Warehouse: WAREHOUSE Options

Stock Profile
Stock Figures

Stock Figures

Stock Qty:	31.00000	PO Qty:	13.00000	WIP Qty:	0.00000
Allocated Qty:	6.00000	SO Qty:	9.00000	Quarantine Qty:	0.00000
Free Stock Qty:	25.00000	Outstanding WO Qty:	0.00000	Goods in Transit Qty:	0.00000

Stock Figure Details

☐ Purchase Orders ☐ Sales Orders ☐ WO Demand ☐ Outstanding WO ☐ Quarantine ☐ Goods in Transit ☒ Real Time Stock Projection ☐ MRP Stock Projection Refresh

Transaction Type	Reference	Qty In	Qty Out	Date	Balance
Opening Balance		0.00000	0.00000	06/01/2021	31.00000
Sales Order	0000005025	0.00000	4.00000	11/10/2018	27.00000
Sales Order	0000005082	0.00000	2.00000	18/10/2018	25.00000
Sales Order	0000005099	0.00000	1.00000	21/10/2018	24.00000
Purchase Order	0000003293	13.00000	0.00000	22/06/2020	37.00000
Sales Order	0000005109	0.00000	2.00000	22/06/2020	35.00000

View Export to Excel Close

Quarantine Inspection

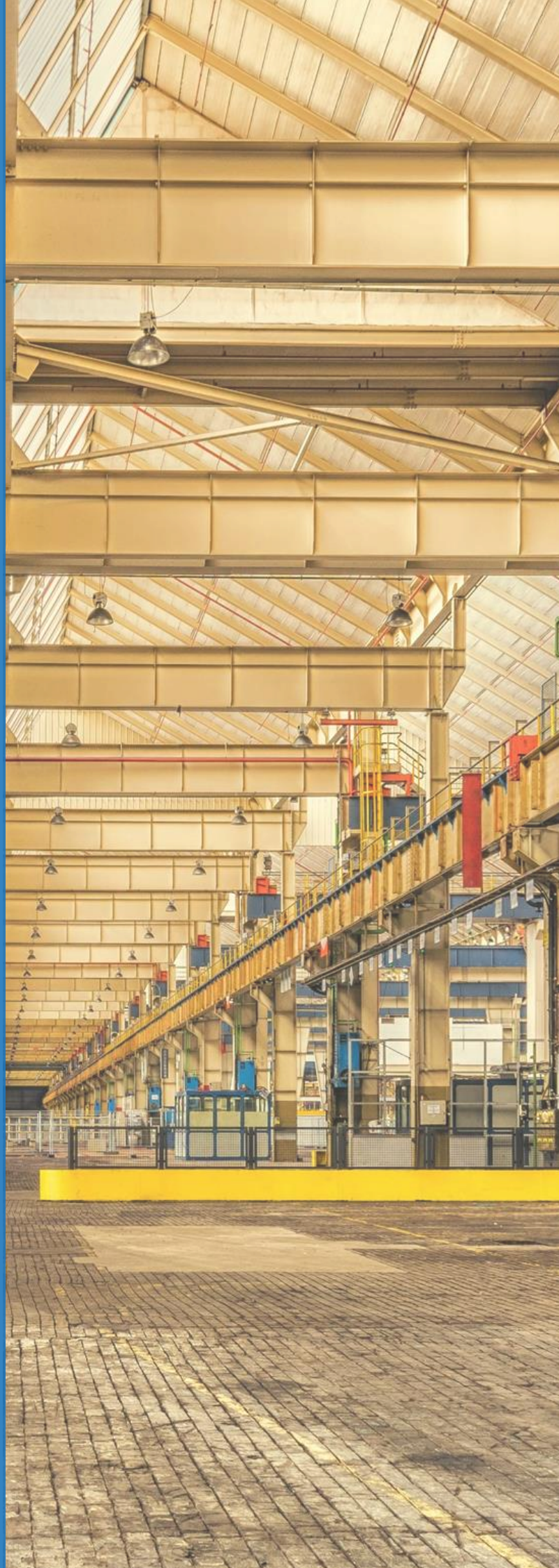
Utilise this option during purchase or works orders receipts, and BOM builds, to ensure that stock cannot be used until it has passed through quarantine. Accept goods from Inspection into available stock or reject them and automatically write off stock or raise a purchase return.

Customer Part Numbers

On occasion, customers require their part numbers to show on the sales order, as well as your own. This functionality allows you to enter a customer reference, which can then be used when adding an item to a sales order and can be printed on the relevant paperwork.

Audit Log

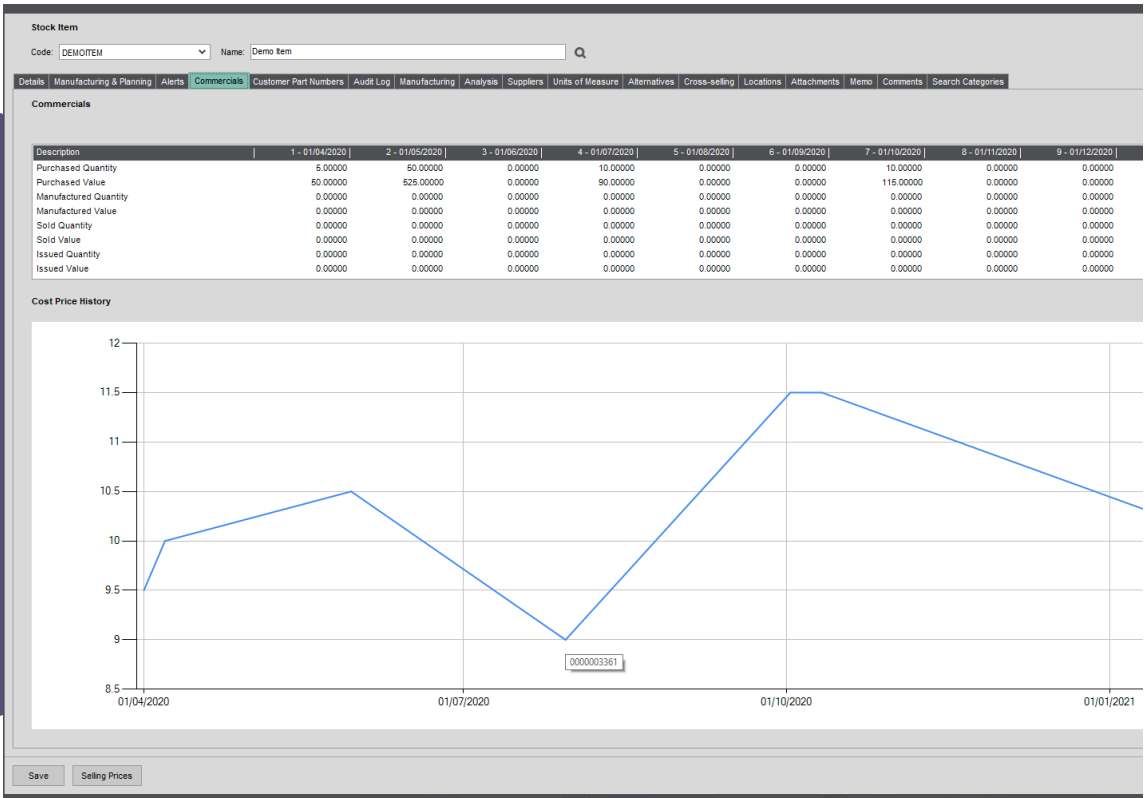
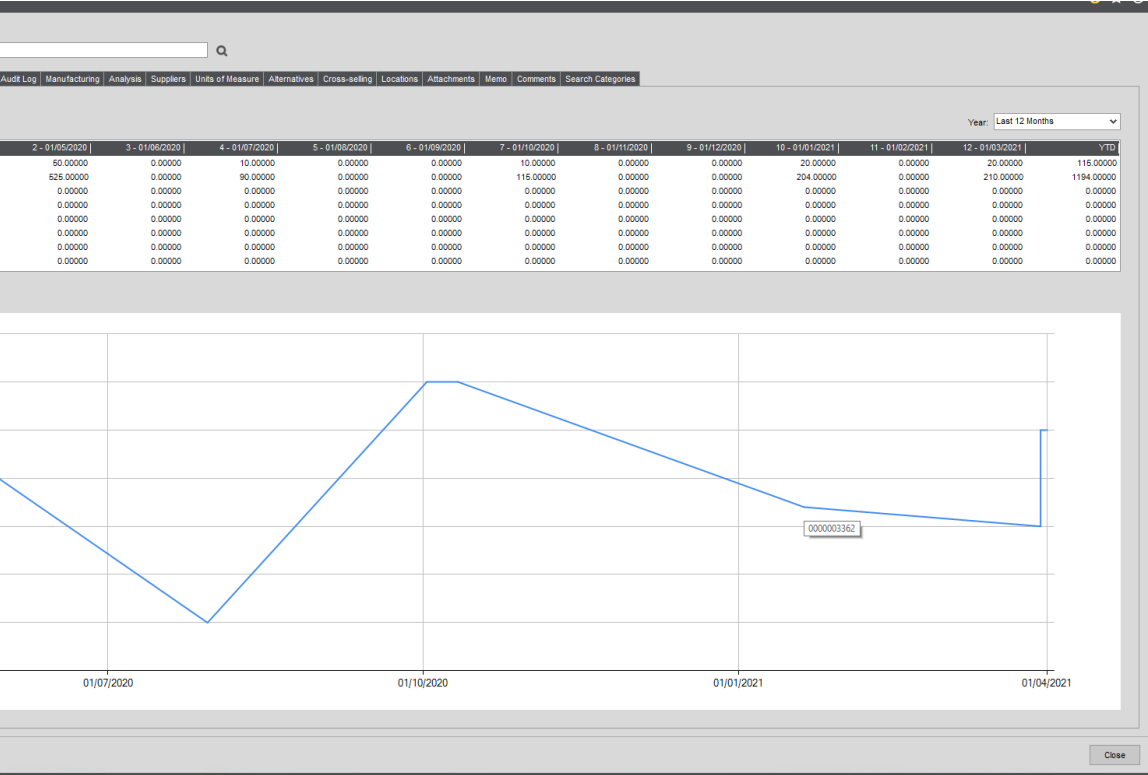
If you want to know who created or amended a certain item, and what changes were made, then the audit log will provide that information. It will simply list what was changed or added, by whom, and on which date.



Commercials Tab

If you would like a summary of the current year's sales quantities and values, then this tab will provide you with a grid and graph detailing this information.

The commercials functionality shows you an overview of your purchases, sales, and manufacturing output over the previous 12 months.



The line graph shows the cost price over the last 12 months with data points for every goods in movement.

Rapid Entry Stock Movements

Enter multiple stock transactions for numerous stock items in one simple screen, whether it is an adjustment, write off, issue, or transfer.



Transaction Running Stock Totals

View the current stock level or retrospective stock at the time a transaction was carried out with this additional field on the transaction history screen.

sage

200

with enhanced
functionality...



Bill of Materials

manage your built items

With Cim200 Bill of Materials, choose what is right for your business, depending on your manufacturing requirements.

Additional Cim200 features have been added to the Sage 200 Bill of Materials module to enhance your manufacturing build processes.

New functionality has been added to improve production efficiencies in multiple manufacturing environments. A production line environment can take advantage of multiple routes, enabling you to react to changing demands on your production lines and maximise output. Food, chemicals, and ingredient-based manufacturers can utilise Cim200 Percentage Bom functionality to ensure production accuracy. Kit Bom functionality enables assembly environments to streamline kitting and despatch processes.

As with all Cim200 modules, any additions or amendments have been created using the Sage200 user interface, resulting in a seamless integration.

Percentage BOMs

If you manage liquids, chemicals, or ingredients, this option will allow you to setup your finished goods components as a percentage on the bill of material. Utilising the units of measure conversion held against the component stock record, any percentage on the bill of material will be converted to a specific quantity that will be updated when it is processed.

Amend Bill of Materials Record - Percent BOM 1

Item Selection
Code: Percent BOM 1 Name: Percent BOM 1

Details Components Notes Attachments Drawings Costing Analysis Codes Audit Log Routes

Components List

Seq	Code	Name	Percentage %	Unit of Measure	Type
10.00	ABBuiltIn/15/O/2	CHANGED! AB Built-In Cookers Single-Oven/300mm/White	50.00000	Each	Component
15.00	SUMHIPOWERBBQ/GAS	High Powered gas BBQ	10.00000	Each	Component
20.00	ACS/TOASTER	Polished Steel 4 Slice Toaster	30.00000	Each	Component
30.00	PANEL/SIDE/61X60	Side Panel for base unit w51cm X h60cm	4.00000	Each	Component
35.00	CABASE/SNG/OAK	Oak Base Single Cabinet H58cm	6.00000	4 rl pack	Component

Add Edit Delete Line Resequence Edit Sub-Assembly Total Percentage: 100.00000 Component

Save Save and Clear Clear Image

Kit Bill of Materials

Using the 'Kit BOM' option held within the bill of material record allows the user to despatch bill of materials without the need for a works order. At the point of despatch, the 'kit' is built, removing all the components from stock that are required. The bill of material is added into stock, and then despatched.

Amend Bill of Materials Record - Percent BOM 1

Item Selection
Code: Percent BOM 1 Name: Percent BOM 1

Details Components Notes Attachments Drawings Costing Analysis Codes Audit Log Routes

Details

Reference: Percent BOM 1
Description: Percent BOM 1
Change reference:
Unit of measure: Each Quality standard:

Version/Status

Revision:
On hold:
Reason:
Status: Active

Defaults

Default build quantity: 1.00000 Default
Default cost quantity: 1.00000 Default
☒ Calculate overheads automatically
Overhead contribution: 0.00000

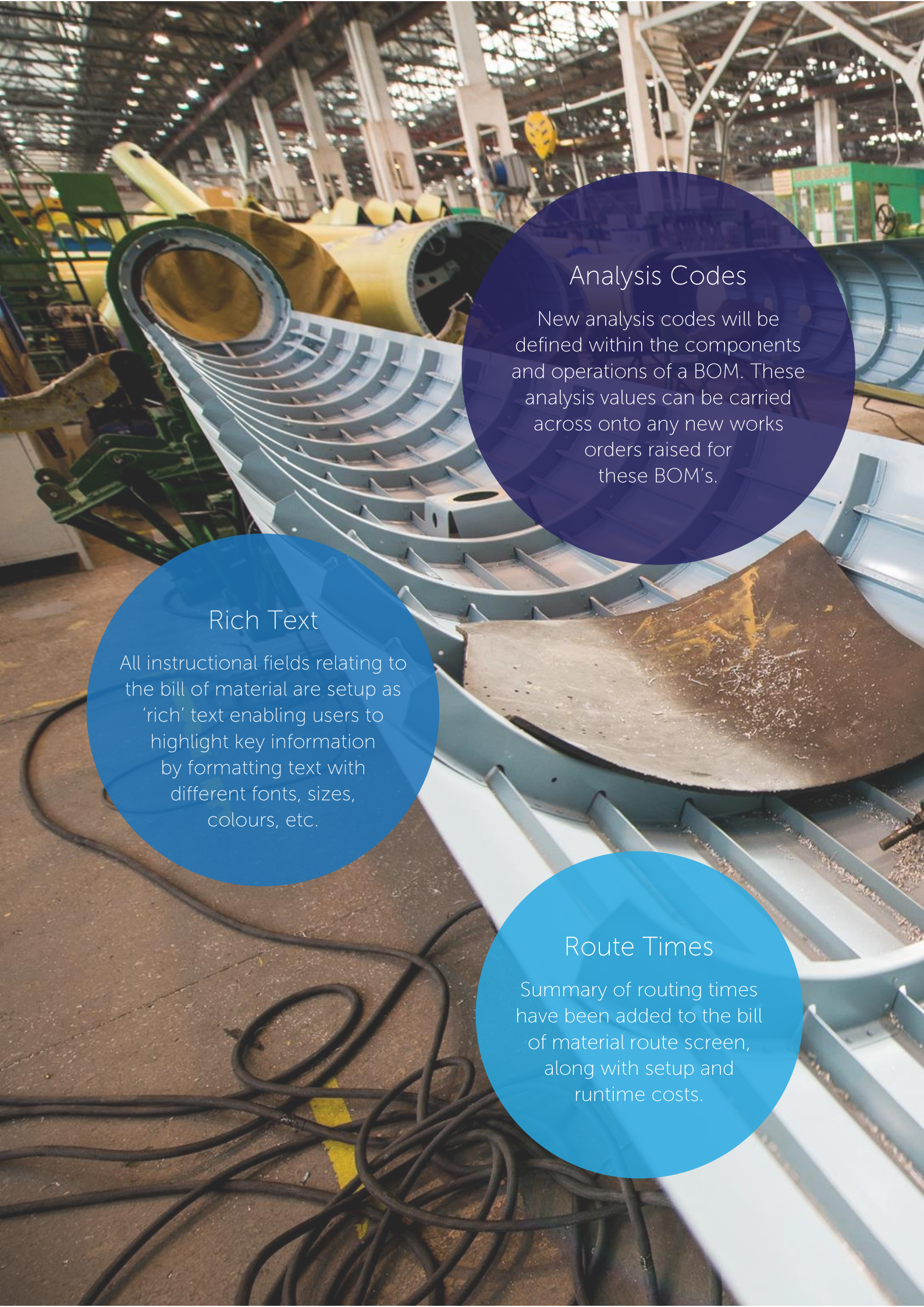
Type

☐ Use only in BOM module
☐ Component association required
☒ Percentage BOM
☐ Kit BOM

Dates

Date entered: 10/06/2020
Entered by: Administrator
Last updated: 12/06/2020
Updated by: Administrator
Effective from: / /
Effective to: / /

Save Save and Clear Clear Image



Analysis Codes

New analysis codes will be defined within the components and operations of a BOM. These analysis values can be carried across onto any new works orders raised for these BOM's.

Rich Text

All instructional fields relating to the bill of material are setup as 'rich' text enabling users to highlight key information by formatting text with different fonts, sizes, colours, etc.

Route Times

Summary of routing times have been added to the bill of material route screen, along with setup and runtime costs.

Ad-hoc Reverse Build

To further enhance the reverse BOM build functionality, this option allows the user to take a finished item out of stock and put all the components back into stock, at any time. The user will simply be able to select a BOM, followed by confirming, and updating the component stock that will be added back into stock, whilst considering any traceability and cost variances. The ad-hoc reverse build is completely independent of the standard Sage BOM build functionality.

The screenshot shows the 'Reverse Bom Build' window. At the top, the 'BOM Selection' section has 'Code: BS/ARIZONA/BOM' and 'Name: Arizona Kitchen'. Below this, the 'Reverse Build Options' section includes fields for 'Reference:', 'Second Reference:', 'Warehouse / Bin: FACTORY', 'Reversal Date: 15/01/2021', 'Unit Cost: 52.00000', 'Qty To Reverse: 1.00000', and 'Qty Available: 18.00000'. A 'Components' table lists various parts with their quantities and costs. At the bottom right, the 'Cost Variance' is shown as -1,693.72662. Buttons for 'Confirm' and 'Close' are at the bottom.

Seq	Code	Description	Quantity	Type	Unit	Unit Cost	Avg. Cost	Warehouse	Bin Name
1.00	CA/BASE/DBL/BEECH	Beech Base Double Cabinet H58cm	2.00000	Component	Each	7.58096	7.58096	FACTORY	Unspecified
2.00	CA/BASE/SNG/BEECH	Beech Base Single Cabinet H58cm	3.00000	Component	Each	6.78793	6.78793	FACTORY	Unspecified
3.00	CA/WALL/H70/BEECH	Beech Wall Cabinet H70cm	5.00000	Component	Each	5.44677	5.44677	FACTORY	Unspecified
4.00	CA/ARIZONA SINK UNIT	BEECH SINK UNIT	1.00000	Sub assembly	Each	183.34713	183.34713	FACTORY	Unspecified
5.00	DOOR/BASE/50X58/BEEC	Beech Base Door 50cm X 58cm	7.00000	Component	Each	9.26851	9.26851	FACTORY	Unspecified
6.00	DOOR/WALL/50X70/BEEC	Beech Wall Door 50cm X 70cm	5.00000	Component	Each	0.19685	0.19685	FACTORY	Unspecified
7.00	PA/SHELF/DBL/45X96	Shelf Dblw 45cm X 96cm	2.00000	Component	Each	0.14166	0.14166	FACTORY	Unspecified
8.00	PA/SHELF/SNG/45X57	Shelf Single 45cm X 57cm	3.00000	Component	Each	0.00027	0.00027	FACTORY	Unspecified
9.00	WT/BEIGE/LAM/120	Speckle Beige Laminated Wtop 120 cm length	3.00000	Component	Each	4.67001	4.67001	FACTORY	Unspecified
10.00	LNO/LINOLEUM	Linoleum	1.00000	Component	50 cm	0.12903	0.25805	FACTORY	Unspecified

Audit Log

If you want to know who created or amended a certain BOM, and what changes were made, then the audit log will provide that information. It will simply list what was changed or added, by whom, and when.

The screenshot shows the 'Amend Bill of Materials Record - BS/ARIZONA/BOM' window. The 'Audit Log' tab is selected, showing a table of changes. The table has columns for Date/Time, Username, Field, Old Value, and New Value. The changes include the creation of a line, quantity updates, and new BOM routes.

Date/Time	Username	Field	Old Value	New Value
15/01/2021 08:54:22	Administrator	Date Time Created Line - (Seq: 1.00, Code: CA/BASE/DBL/BEECH)	01/01/0001 00:...	28/05/2018 21:...
15/01/2021 08:54:22	Administrator	Quantity Line - (Seq: 18.00, Code: DEC/PAPER/BEIGE)	1	2.00000
15/01/2021 08:54:22	Administrator	Manufacturing Instructions	Initial Version	
15/01/2021 08:45:52	Administrator	New Bom Route		Reference: PR...
15/01/2021 08:45:25	Administrator	New Bom Route		Reference: PR...
23/06/2020 11:18:52	Administrator	New Bom Route		Reference: Rou...

Amend Bill of Materials Record - BS/ARIZONA/BOM

Item Selection

Code: BS/ARIZONA/BOM Name: Arizona Kitchen

Details Components Notes * Attachments Drawings Costing Analysis Codes Audit Log Routes

Routes

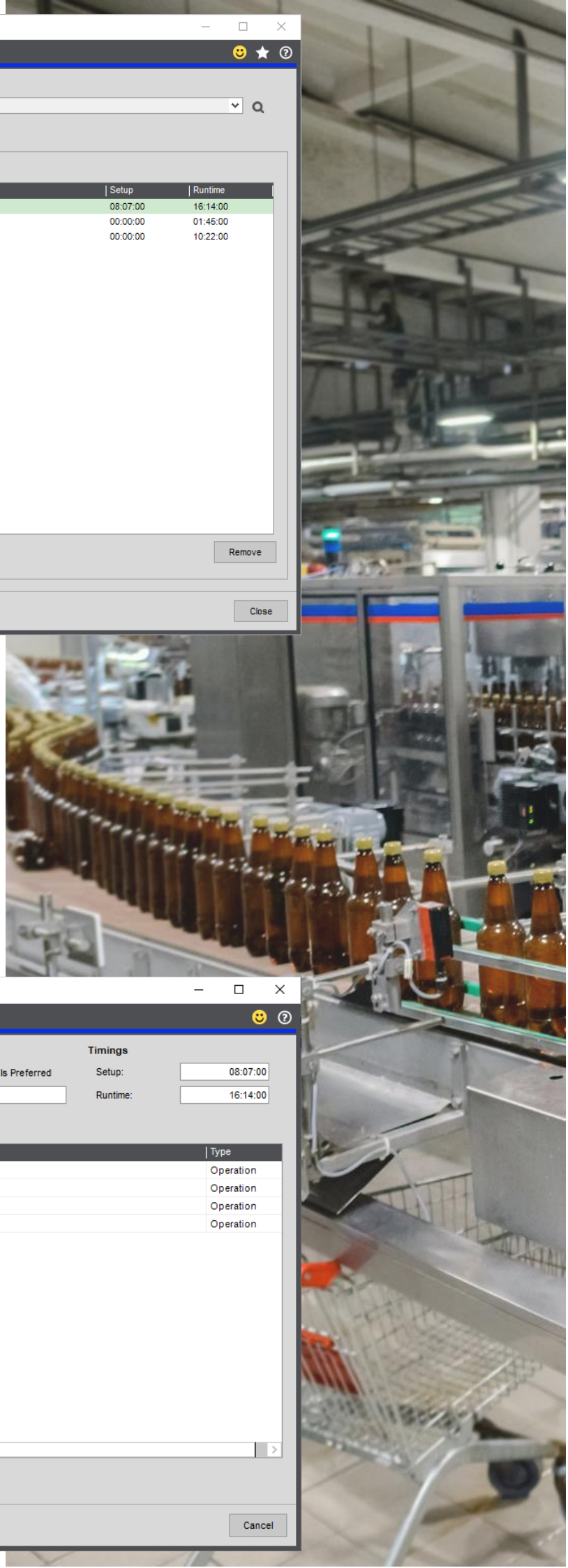
Preferred	Reference	Description	Setup	Runtime
Yes	PRODLIN1	Production Line 1	08:07:00	16:14:00
	PRODLIN2	Production Line 2	00:00:00	01:46:00
	PRODLIN3	Production Line 3	00:00:00	10:22:00

Add Edit Set As Preferred Remove

Save Save and Clear Clear Image Close

Multiple Routings

Allows the user to setup several routes, each with potentially different operations. This could depend on production capacity, sub-contract availability or lead time. A 'preferred' route is selected as a default but can be changed to an alternative, prior to production.



Maintain Bom Route - PRODLIN1

Route Details

Reference: PRODLIN1 ☒ Is Preferred

Description: Production Line 1

Timings

Setup: 08:07:00

Runtime: 16:14:00

Operations List

Seq	Reference	Description	Type
12.00	Plumber0004.00	Plumber	Operation
13.00	Circular saw0000.75	Circular saw	Operation
14.00	Assembler0000.88	Unit Assembler	Operation
15.00	Kitchen fitter0002.50	Kitchen fitter	Operation

Add Edit Delete Line Resequence

Save Cancel





Commercials

control your orders

Sage 200 Commercials has been enhanced to improve your order routine.

Adding extra functionality and new modules within Sage 200 is only useful if they can be utilised throughout the software. Sage 200 Commercials has been enhanced to take advantage of these, such as being able to view the stock profile screen when creating or amending sales or purchase order item lines or using the supplier part number when raising a new purchase order item line. Any linked works orders can be viewed, simply from within the sales or purchase order item line.

Other features have been included to further improve the ordering routine, including quick text, courier details and a better scheduling of sales orders, along with the option to allocate to works orders on purchase order receipt.

Sales Order Processing

Scheduled Order Lines

This updated functionality will allow the user to simply generate a schedule of order lines for one stock item, based on the quantity ordered and the reoccurring time requirements, such as daily, weekly, or monthly.

Edit Order Item Line

Item Type

☒ Standard item

☐ Free text item

☐ Additional charge

☐ Comment line

Product Item

Code:BS/ARIZONA/BOM

Name:Arizona Kitchen

Warehouse:WAREHOUSE

☐ Amend item description

☐ Set as Preferred

Fulfilment:From Stock

☒ Create Works Order

Stock Profile

Cust. Part No:

Item Values

Selling unit:Each

Quantity:

Qty to allocate:

Allocated:

Item Totals

VAT rate:1 - Std Rate

Document Comments

Picking List

Despatch Note

Project analysis

Nominal analysis

Project Analysis

Code:

Revenue:

Multiple Delivery Dates

Requested Date	Promised Date	Qty to Deliver
12/05/2021	12/05/2021	3.00000
15/06/2021	15/06/2021	3.00000
22/06/2021	22/06/2021	4.00000

Qty with no delivery date:0.00000

OK

Cancel

Delivery Dates

Requested:12/05/2021

Multiple Dates...

Promised:12/05/2021

Save

Analysis Codes...

Profit...

Linked Works Order(s)

Cancel

Stock Profile

Quickly access key data via the stock profile button when placing, amending, or viewing a sales order stock item line. This can be useful to identify the availability of the stock item on order, along with incoming replenishments and manufacturing progress.

Cim200 - Commercials

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Despatch Kit BOMs

If the item to be despatched has been setup as a 'Kit BOM', assuming the components of the kit have the correct stock availability, they will be 'built' into the BOM, added to stock, and the BOM will then be despatched. The stock movements will show the components being issued to the BOM build and then the Kit BOM being despatched to the sales order.

Courier Details

When despatching a sales order there are additional courier details that can be entered against the delivery, that is subsequently printed on the relevant paperwork. This includes courier name, total package weight, and tracking number, along with other applicable information.

Linked Orders

Selecting this option shows a list of currently linked works orders to the sales order item. You will also be able to link the selected stock item line to an existing works order, along with viewing and amending the works order itself.

Quick Text

This is a library of free text lines that is used for speed and accuracy when entering repeatedly used large amounts of text. These quick text lines are setup within a maintenance screen and added to the order via this button.

take control of
your...

...manufacturing
processes.



Purchase Order Processing

Stock Profile

Quickly access key data via the stock profile button when placing new, amending, or viewing a purchase order stock item line. This can be incredibly useful to identify the availability of the stock item on order, along with outgoing demand and manufacturing progress.

Linked Orders

Linked orders functionality shows any works orders currently linked to the purchase order item, along with any subcontract process. Easily access and interrogate the works order itself.

Supplier Part Numbers

Maximise the potential of your stock item supplier information by drawing upon the supplier part numbers held against the stock record. Giving you the flexibility to raise orders for supplier part numbers.

Goods Receipt Allocation

If you have works orders tagged to a specific purchase order, you can automatically allocate to these works orders at goods receipt, saving time and improving accuracy. Cim200 will automatically default the allocated quantities, and allow the user to easily amend, as necessary.

Account Selection
Code:
Short name:
Postcode:
Name:

Supplier Goods Received Note Details
Reference:
Date:
Narrative:

Receiving Warehouse
Warehouse:

Stock Code
☒ Show stock code ☐ Show supplier stock code

	Order No	Order Date	Status	Auth	Stock Code	Warehouse	Bin	Qty Outstanding	Qty Received
☐	0000003367	30/03/2021	Live	Not Required	CA/BASE/DBL/BEECH	FACTORY	Unspecified	3.00000	1.00000

Stock Allocations
Enter stock allocations for WO00074
Allocation Date:
Works Order:

Works Order	Code	Name	Unit	Required	Allocated	Issued	Scrapped	Allocate Now	Free Stock
WO00074	CA/BASE/DBL/BEE...	Beech Base Double Cabinet H58cm	Each	3.00000	0.00000	0.00000	0.00000	1.00000	85.00000

☐ Allocate ☐ Unable to Fully Allocate ☐ Unable to Allocate

Needed By

Quickly identify where received goods are needed, allowing you to streamline your business processes and ensure your stock gets to where it is needed as efficiently as possible.

Item Type
☒ Standard item ☐ Free text item ☐ Additional charge ☐ Comment line

Product Item
Code: Name:
Warehouse: Address:
☐ For delivery direct from supplier ☐ Amend item description ☐ Update prices when goods are received

Item Values
Buying unit: Buying price unit:
Quantity: Unit price:

Needed By
☒ Show All ☐ Sales Orders ☐ Works Orders

Type	Tagged To This	Document No	Qty Outstanding	Unit	Warehouse
Works Order		WO00072	10.00000	Each	FACTORY



Works Orders

manage your production

The Cim200 Works Order module gives you the functionality to control and monitor all the items that are currently in production.

Setting up your stock items and bill of materials is just half the battle when trying to maintain the items you are manufacturing and selling.

The Cim200 Works Order module gives you the functionality to control and monitor all the items that are currently being manufactured, either as sub-assemblies for other bill of materials, or as finished items to be despatched on sales orders to fulfil your customer demand.

A suite of powerful enquiry screens and documents provides your production staff with complete visibility to track each process effortlessly. Production managers can utilise Cim200 capacity planning functionality to ensure there is sufficient capacity to satisfy your demand.

Components

At the point a works order is entered, the components required to make the bill of material specified on the order are populated within the 'components' tab and the quantities calculated based on the works order quantity required. Using the Cim200 Planning module, trial kitting, or manual intervention, any shortages can be purchased or made to fulfil the requirements. If components need to be added or removed, these can be amended within this list, and the quantities adjusted to suit.

Amend Works Order Record

Work Order Details

Works Order Number: WO00072 Quantity: 1.00000

Code: BASE1 Name: Base Built Item Unit: Each

Main Details Manufacturing Instructions Links Memos **Components** Operations Subcontracting Costing Attachments Drawings Analysis Codes Completions Audit Log

Components List

Seq	Code	Name	Quantity	Qty Allocated	Qty Issued	Unit of Measure	Type
2.00	CA/BASE/SNG/BEECH	Beech Base Single Cabinet H58cm	3.00000	0.00000	0.00000	Each	Component
3.00	CA/WALL/H70/BEECH	Beech Wall Cabinet H70cm	5.00000	0.00000	0.00000	Each	Component
4.00	CA/ARIZONA SINK UNIT	BEECH SINK UNIT	1.00000	0.00000	0.00000	Each	Sub assembly
5.00	DOOR/BASE/50X58/BEECH	Beech Base Door 50cm X 58cm	7.00000	0.00000	0.00000	Each	Component
6.00	DOOR/WALL/50X70/BEECH	Beech Wall Door 50cm X 70cm	5.00000	0.00000	0.00000	Each	Component
7.00	PA/SHELF/DBL/45X96	Shelf Dblw 45cm X 96cm	2.00000	0.00000	0.00000	Each	Component
8.00	PA/SHELF/SNG/45X57	Shelf Single 45cm X 57cm	3.00000	0.00000	0.00000	Each	Component
9.00	WT/BEIGE/LAM/120	Speckle Beige Laminated Wtop 120 cm length	3.00000	0.00000	0.00000	Each	Component
10.00	LNO/LINOLEUM	Linoleum	1.00000	0.00000	0.00000	50 cm	Component
11.00	TILE/BEIGE/10X10	Tiles Beige 10cm x 10cm	2.00000	0.00000	0.00000	100 Pack	Component
16.00	IR/ARIZONA FITTINGS	Arizona Fittings pack	1.00000	0.00000	0.00000	100 Pack	Phantom
16.02	IR/HINGE	Hinge	1.00000	0.00000	0.00000	50 Pack	Component
16.04	IR/NAIL/ROUND/2x40	Nails Round Wire 2mm x 40mm	1.00000	0.00000	0.00000	100 Pack	Component

Add Delete Line Resequence View Stock Record Traceability Scrap Details

Component Details Component References Analysis Codes

Fixed quantity ☐ Manufacturing instructions: Arial 8.25 B I U A

Bulk issue ☐

Instruction: As per specification, ALPHA123.

Quantity: 1.00000 Scrap percentage: 0.00000

Sequence: 16.08 Unit of Measure: 50 Pack

Save Cancel

Operations

When a new works order is raised, the operations that exist on a specified route of the bill of material are carried over onto the works order. These can be amended for that specific job and will be treated as the 'working route' for that works order which can be changed as required whilst leaving the original operations intact on the bill of material. Operational information in Cim200 gives the user quick and easy access to all the relevant data for each operation, including setup, labour, machine, and tooling times, through all phases of the job.

Trial Kitting

Utilise trial kitting to ensure your component stock levels are sufficient to fulfil specific works order demand. View a list of shortages for multiple works orders and raise replenishment orders from within this screen.

Works Order Trial Kitting

Works Orders To Trial Kit

Works Order	Code	Description	Outstanding Qty	Quantity	Unit	Lead Time	Unit Cost
WO00077	Serial FG2	Serial FG Item	1.00000	1.00000	Each	0 seconds	2.00000

Add Select Multiple Delete Options Display

Components Labour Machines Tooling Subcontract

** Results are out of date **

Code	Name	Type	Quantity Required	Shortage	Unit of Measure	Properties
ABBuiltIn/15/1/2	yAB Built-In Cookers Single-Oven/600mm/White	Component	5.00000	0.00000	Each	
ABFSG/12/0/2	AB Freestanding Gas 2-Ring/300mm/White	Component	1.00000	0.00000	Each	
ACC/COFFEEMAKER/ITAL	Intalian Coffee Maker	Component	20.00000	12.00000	Each	
ACS/ESPRESSO	Espresso Machine	Component	10.00000	0.00000	Each	
ACS/FILTER-COFFEE	Filter Coffee Maker	Component	5.00000	0.00000	Each	
BASE1	Base Built Item	Subassembly	1.00000	0.00000	Each	
BASE2	Base Built Item	Subassembly	3.00000	3.00000	Each	

Create Works Orders Create Purchase Orders Print Close

Costing

Costing gives a full breakdown of all costs including material, labour, machine, setup, teardown, tooling, subcontract, additional expenses, and overheads, showing the estimated cost when the works order was raised, along with the latest estimate, and the actual once the job is completed.

Amend Works Order Record - WO00067

Work Order Details

Works Order Number: WO00067

Code: 12345

Main Details Manufacturing Instructions Links

Current Costs

Breakdown

Costing Quantity

Materials

Labour

Setup

Machine

Subcontract

Tooling

Overheads

Additional Costs

Unit Cost

Totals

Cost Now Comment:

Costing History

Date Costed By

29/03/2021 12:36 Joe Bloggs

View Cost Breakdown

Cost Breakdown

Works Order

Works Order: WO00067

Reference: Demo Reference

Description:

Qty Costed for: 3.00000

Date/Time of costing: 29/03/2021 12:36:24

Costed By: Joe Bloggs

Cost Breakdown

Reference	Description	Cost	Overhead	Total inc. Overheads
Materials				
ABBuiltIn/15/0/2	CHANGED! AB Built-In Cookers Single-Oven/300mm/White	336.19110	0.00000	336.19110
12346	12346	105.21837	0.00000	105.21837
Labour				
Unit Assembler				
Setup				
Fitter 1	Fitter	53.26667	0.00000	53.26667
Runtime				
Assembler	Unit Assembler	168.06550	0.00000	168.06550
Subcontract				

Cost Breakdown Options

Expand All Collapse All Summary View Detailed View Group Operation

Summary

Total Cost: 662.741637 Calculated Unit Cost: 220.913879

Total Overheads: 0.000000 Average Markup %: 0.00

Total inc. Overheads: 662.741637 Margin %: 0.00

Cost Heading Breakdown

Labour

Subcontract

Materials





Scrap

In certain industries it is inevitable that components, or even the finished goods themselves, will be scrapped due to a fault during manufacture. Cim200 allows you to scrap these items, recording the reason why, by whom, and when.

Memos

If you need to share comments with your colleagues about certain requirements on a specific job, you can utilise the memos functionality which allows you to enter your notes with a date and time stamp, along with the user who entered them.

Subcontracting

This functionality allows you to raise the required subcontract purchase orders, along with despatching the goods and receiving them back once the subcontract process has been carried out. It also shows you any items that are currently 'out' at the supplier and the dates required, along with the quantities.

Linking

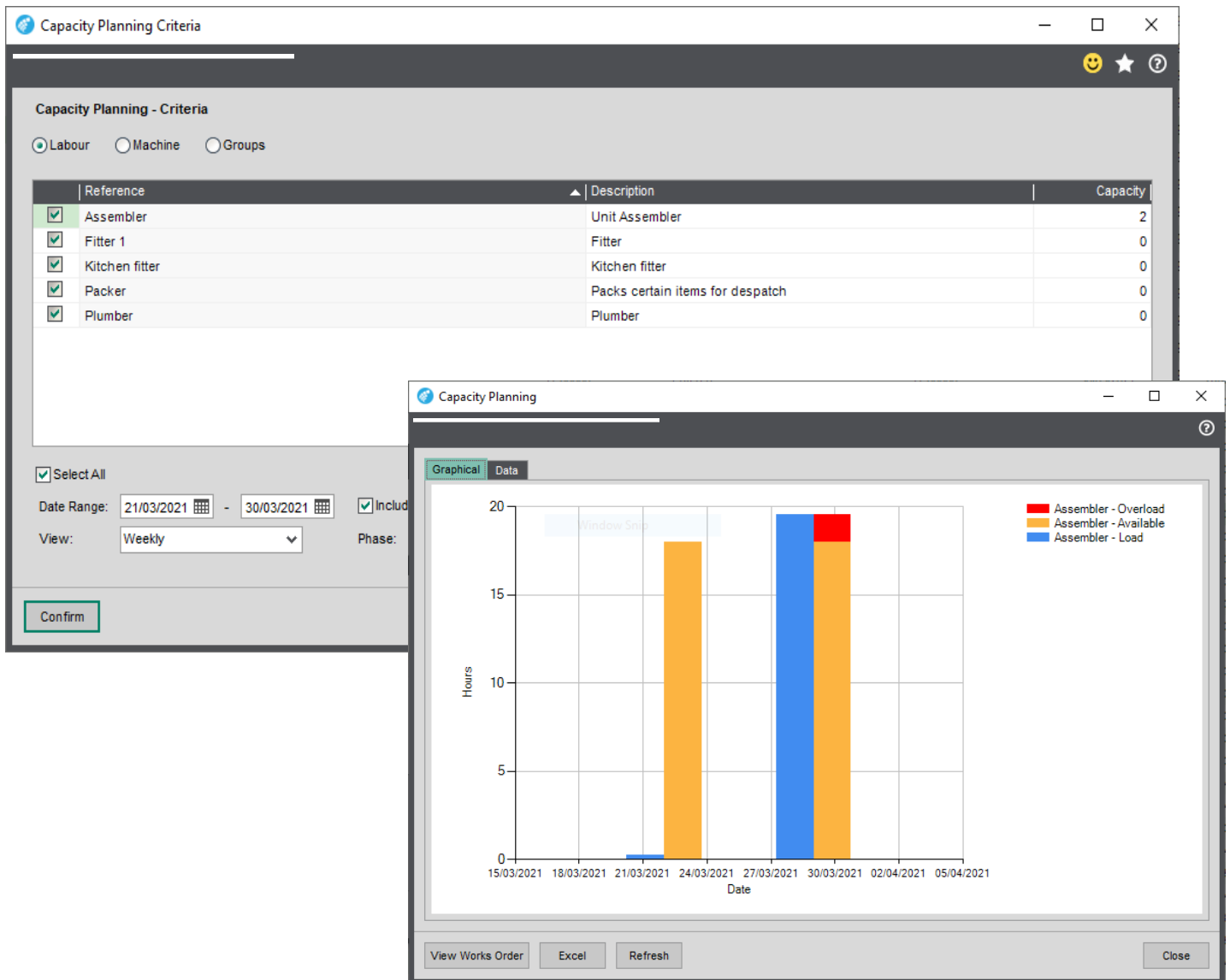
To ensure that certain works orders and their subsequent sub-assembly requirements are raised for a specific sales order, you can easily control which sales order or parent works order this order can be linked against, making sure that the stock for this order does not get used by other jobs.

Audit Log

If you want to know who created or amended a certain works order, and what changes were made, then the audit log will provide that information. It will simply list what was changed or added, by whom, and on which date, including when the works order was completed, or even cancelled.

Capacity Planning

The rough-cut capacity planning functionality gives you a complete overview on the load and capacity across all of your resources for any given period of time. You can specify which resource group you would like to interrogate, along with the start date and whether you want to view daily, weekly, or monthly demand. Move resource capacity on the fly to see what impact it has on your production loading, allowing you to plan overtime or reschedule jobs accordingly.



Traceability

If a part number is marked as a traceable item, it can be crucial that the correct batch or serial number is allocated and issued to the job. With traceability in Cim200, easily track where an item has been used, and what batch or serial numbers were produced from a job. Giving you easy access to key information directly from the works order.

Operation Times

For some companies, the default times set on the operations are sufficient to allow them to cost the job, however, many need more accurate costs. Using the Cim200 operation times and costs functionality, you can book times for a specific employee with their own rate, using a designated machine that also has its own cost, for a specified works order. This ensures that every second booked against a job is costed accurately. Alternatively, using the timesheets option, you can select an employee and book the times against a list of works orders at once.



Reverse Completion

On occasion a works order may be completed by mistake, a serial number may be entered incorrectly against the finished item, or you may want to issue more stock to the job but have already completed it. To overcome this, there is the option of reverse completion which will remove the finished item back out of stock and amend the works order status accordingly.

despatch in
time...

keep customers
happy.



Planning

despatch in time

Always ensure you can meet your customer demands with Cim200 Planning.

Meeting your customer demand in the timeliest and most cost-effective way is one of the key elements required from your manufacturing software. The Cim200 Planning module is one of the most important in helping achieve this goal. It reads the demands from across all modules, whether it be customer demand via a sales order, shopfloor demand from a works order, maintaining stock levels through make for stock, or even demand from a sales forecast in the future.

It encapsulates all requirements into one easily controlled screen, detailing all the finished goods and components that are needed to fulfil the demand, giving the user full flexibility to choose the most appropriate supplier or amend the build or purchase quantities to suit. The Cim200 Planning module will help you to ensure all replenishments required to satisfy your customer requirements are met.

Make for Stock

Although nothing is guaranteed, sometimes you know that you will need a certain amount of stock at a specific time of the year, whether this is due to seasonal demands, or customer promises.

Make for stock allows you to enter your own demand on the system at the dates you request, regardless of any other demands placed within Cim200. This helps make sure that you have the stock available to supply those customers when you could be at your busiest.

Sales Forecasts

If you have a customer that regularly orders from you over the year, but the lead time of the goods you supply is greater than the date span from their order to the requirement date, it is advisable to setup a sales forecast to account for this. This means you can create demand for that customer prior to them placing the order. The Planning module will use the specified settings to determine whether it creates the demand from the sales forecast, the sales order, or a combination of both.





Demand Schedule

The demand schedule functionality provides you with a list of the demand read by the Planning module within the parameters set at the time the schedule was run. It is an 'explanation' of what is being suggested to order, detailing the order references, quantities and dates required. There is also an 'exclusion' list that shows the demand that will not be actioned during the next MRP run.

Demand Schedule List View

Read Demand Linking Refresh List Swap Clear

<No Filter> Search List... List has automatically refreshed at 30/03/2021 15:13:39 Showing top 1000 records only in scrollable view ☐ Auto Refresh ☒ Scrollable View

Demand Type	Reference	Code	Description	A/C Ref	A/C Name	Quantity	Unit	Warehouse
Stock Reorder Level	ACS/ESPRESSO	ACS/ESPRESSO	Espresso Machine			82.00000	Each	WAREHOUSE
Stock Reorder Level	ACS/FILTER-COFFEE	ACS/FILTER-COFFEE	Filter Coffee Maker			63.00000	Each	WAREHOUSE
Stock Reorder Level	ACS/MEAT-SLICER	ACS/MEAT-SLICER	Commercial Meat Slicer			5.00000	Each	WAREHOUSE
Sales Order	0000005128	DH COMPONENT 2	DEBS COMPONENT STOCK ITEM (NON TRACEABLE)	AB001	Abbey Retail Ltd	90.00000	Each	HOME
Sales Order	0000005130	DH - EXCLUDE FROM DEMAND	DH - EXCLUDE FROM DEMAND SCHEDULE	WEL001	Wellington Kitch...	10.00000	Each	HOME
Sales Order	0000005131	DH BOM	DH BOM	WHI001	Whiteware Stores	2.00000	Each	FACTORY
Sales Order	0000005134	DH - PERCENTAGE BOM	DH - PERCENTAGE BO	BIR007	All Things Black (...)	5.00000	Each	WAREHOUSE
Sales Order	0000005134	DH - EXCLUDE FROM DEMAND	DH - EXCLUDE FROM DEMAND SCHEDULE	BIR007	All Things Black (...)	5.00000	Each	HOME
Stock Reorder Level	ACS/TOASTER	ACS/TOASTER	Polished Steel 4 Slice Toaster			10.00000	Each	WAREHOUSE
Stock Reorder Level	WW/DISHWASHER/600	WW/DISHWASHER/600	Dishwasher full size			6.00000	Each	WAREHOUSE
Works Order	WO00052	PM/TAP/DUAL/CHROME	Dual Control Mixer Tap Chrome			0.65000	Each	WAREHOUSE
Works Order	WO00052	PMWASTE DISP UNIT	WASTE DISPOSAL UNIT - STAINLESS			1.35000	Each	WAREHOUSE
Stock Reorder Level	TILE/WHT/10x10	TILE/WHT/10x10	Tiles White 10cm x 10cm			43.00000	100 Pack	FACTORY
Stock Reorder Level	TILE/WHT/20x20	TILE/WHT/20x20	Tiles White 20cm x 20cm			4.00000	100 Pack	WAREHOUSE
Stock Reorder Level	TILE/WHT/20x20	TILE/WHT/20x20	Tiles White 20cm x 20cm			17.00000	100 Pack	FACTORY

MRP

This routine reads through all the demand generated from the demand schedule and creates the recommendations to purchase and manufacture goods to satisfy that demand by the due dates required. Once MRP is run, the user is provided with a list of all the recommended orders, with the tools to interrogate them and action accordingly.

MRP List View

Refresh MRP Action Recommendation Combine Recommendations Split Recommendation Amend Delete Follow Up View Tags Stock Profile View Output Log Refresh List Swap Clear

<No Filter> Search List... List has automatically refreshed at 30/03/2021 15:43:04 Showing top 1000 records only in scrollable view ☐ Auto Refresh ☒ Scrollable View

Rec. Reference	Parent Tag	Stock Code	Stock Description	Rec. Type	Demand Type	Action	Status	Demand Date	Order Date	Demand Qty	Rec. Order Qty	Supp
REC0000000510		ACS/MIXER	Professional Mixer 3 Speed	Purchase Order	Stock Reorder Level	New	Awaiting Action	06/05/2021	09/04/2021	87.00000	87.00000	JOH
REC0000000106	0000005135	DH - PERCENTAGE BOM	DH - PERCENTAGE BO	Works Order	Sales Order	New	Awaiting Action	01/05/2021	30/04/2021	10.00000	10.00000	
REC0000000456		TILE/BEIGE/10X10	Tiles Beige 10cm x 10cm	Purchase Order	Stock Reorder Level	New	Awaiting Action	26/04/2021	06/04/2021	4.00000	4.00000	NAF
REC0000000067	REC0000000017	BASE1	Base Built Item	Works Order	Explosion	New	Awaiting Action	30/03/2021	30/03/2021	17.00000	17.00000	
REC0000000015		ACS/ESPRESSO	Espresso Machine	Purchase Order	Stock Reorder Level	New	Awaiting Action	16/04/2021	01/04/2021	64.00000	64.00000	KOI
REC0000000509		ACS/FILTER-COFFEE	Filter Coffee Maker	Purchase Order	Stock Reorder Level	New	Awaiting Action	16/04/2021	01/04/2021	63.00000	63.00000	JOH
REC0000000064	8	BASE1	Base Built Item	Works Order	Works Order	New	Awaiting Action	30/03/2021	30/03/2021	10.00000	10.00000	
REC0000000059	WO000033	BASE1	Base Built Item	Works Order	Works Order	New	Awaiting Action	30/03/2021	30/03/2021	8.00000	8.00000	
REC0000000036		SHIRLEY-TEST-FNG	TEST FNG PRODUCT	Works Order	Aggregate Bucket	New	Awaiting Action	30/03/2021	30/03/2021	1.00000	1.00000	
REC0000000017	TK2	BIPS1	Base Item Parent - Serialised	Works Order	Works Order	New	Actioned	31/03/2021	30/03/2021	17.00000	17.00000	
REC0000000040	TK2	12347	Built Item	Works Order	Works Order	New	Awaiting Action	30/03/2021	30/03/2021	5.00000	5.00000	
REC0000000041	UBFWO1	12347	Built Item	Works Order	Works Order	New	Awaiting Action	30/03/2021	30/03/2021	1.00000	1.00000	

Scheduled Planning

To maximise the efficiency of the Planning module, there is a schedule tool that allows the demand schedule and MRP to be run at any time, day, or night.



Add-Ons

bespoke integration

CIM Software has collaborated with other award-winning Sage Developers to provide you with additional tools to enhance your Cim200 manufacturing processes.

We have worked with Datalinx Computer Systems to deliver a versatile Shop Floor Data Capture system. This module utilises the speed, accuracy, and power of barcodes to provide you with the ability to process a range of stock and operational transactions through a seamless integration with Cim200 and core Sage modules.

Working with Draycir, we have incorporated their market leading document capture technology into our Works Order module, enabling users to save and interrogate shop floor paperwork within a works order. Quickly and easily recall vital shop floor documentation, facilitating potential improvements in your job sign-off and quality control procedures.



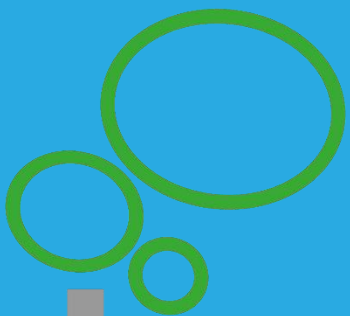
Spindle Document Capture is a market leading document management solution for Sage 200. Streamlining the day-to-day tasks of sending documents to your customers and suppliers, whilst removing the need for manual filling of paperwork. Capture incoming documents for instant access in Sage 200, as well as efficiently archiving for easy document retrieval.



Warehouse Manager for Sage 200 is a powerful, flexible warehouse and inventory management system. Working in real-time recording stock movements, using barcodes and wireless handhelds, Warehouse Manager delivers powerful functionality for today's fast-moving warehouse, from simple stock control through to complex true warehouse management.

Cim200

manufacturing



Solutions

for **Accounting** and **CRM**

If you are interested in finding out more,
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