

# Sage 200 Manufacturing vs Cim200 Manufacturing

## Feature Comparison

### STOCK CONTROL ENHANCEMENTS

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Advanced Warehouse Hierarchy	Warehouse hierarchy can be specified on each individual stock record.	✗	✓
Alerts	Assign alerts to stock records, the alerts can appear when items are used in SOP, POP, BOM and WOP.	✗	✓
Audit Log	Changes to stock records will be recorded as they are made detailing who, when and what was changed.	✗	✓
Stock Profile	Detailed stock profile showing current and projected stock levels. See SOP, POP, WOP and MRP future transactions all in one list with the projected stock balance against each transaction.	✗	✓
Customer Part Numbers	Assign customer part numbers to your stock records which can be used for sales order entry. View them in the customer part number list view.	✗	✓
Goods in Transit	Keep track of goods when being transferred between warehouses, build in transit times which MRP will include in it's calculations.	✗	✓
Quarantine	Book items to quarantine for inspection purposes. You are in control of when items are booked to quarantine at the individual stock record level. Book to quarantine at goods receipt, WO completion, BOM build or at simply transfer to quarantine at any time.	✗	✓
Stocktake	You can now stocktake traceable items.	✗	✓
Warehouses	Add an existing warehouse or a new warehouse to multiple items in one go.	✗	✓
Certificate of Conformity	New fields are available on the comments tab to assist with the creation of CofC documentation.	✗	✓

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Bulk Issue	There are now two methods of bulk issue available. The standard method (as per Sage Manufacturing) and hybrid method. With the hybrid method, the items are treated as bulk issue for processing purposes. However, MRP will read the demands and suggest recommendations.	✓*	✓
Commercials Tab	Easily view in one place, the quantities and values purchased, sold and manufactured across a 12-month period.	✗	✓
Stock History	Two new columns record and show the warehouse quantity and the overall stock quantity at the time each transaction was made.	✓*	✓
Analysis Codes	You can now specify the format of each code, i.e. text, numeric, date or Boolean.	✓*	✓
Price Variance Graph	See in a line graph how the supplier price has changed over the last two years.	✗	✓
Traceability Enquiry	Trace serials or batches from purchase orders to despatch and vice versa.	✓*	✓
Partial Inspections	Define a partial inspection on order receipt and report on sampled quantities.	✗	✓

\* Denotes partial functionality available in Sage 200 Manufacturing

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Reverse Build	Separate to the standard Reverse Built Item function, the Reverse Build allows you to reverse build any BOM item that is in stock. You have control on what components and component quantities get reversed back into stock.	✗	✓
Kit BOMs	BOMs flagged as Kit BOMs changes the way MRP and SOP Despatch process those items. On Despatch a BOM Build will be processed for items flagged as Kit BOMs, then the despatch will process as normal. MRP will look to satisfy the first level component demands not the Kit BOM itself.	✗	✓
Percentage BOMs	BOMs flagged as a percentage BOM will allow you to enter components required as a percentage instead of a quantity.	✗	✓
Multiple Routes	Hold multiple sets of operation details against a BOM to allow you to manufacture the same item in different ways.	✗	✓
Audit Log	Changes to BOM records will be tracked and recorded, even when amending a BOM using elevated privileges.	✗	✓
Analysis Codes	You can now populate 20 analysis codes against a BOM, a BOM component and an operation.	✗	✓
Rich Text	The notes fields against the BOM, BOM component and operations are now in rich text allowing the use of Crystal reports to take advantage of the rich text fields.	✗	✓
Base Items	Define a bulk item to have multiple outputs (one to many).	✗	✓
Multiple Components Lists	Multiple component lists on a Bill of Materials, allowing the use of different items to manufacture the same thing.	✗	✓

SALES ORDER PROCESSING

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Despatch	The standard despatch procedure has been extended to allow the processing of Kit BOMs. On Despatch a BOM Build will be processed for items flagged as Kit BOMs, then the despatch will process as normal.	✓*	✓
Scheduled SOs	Each SO line qty can be broken down and spread across multiple delivery dates (similar to the multiple dates function in POP).	✗	✓
Stock Profile	The stock profile screen can be viewed from each SO line.	✗	✓
Linked WOs	You can now view and amend linked WOs directly from the SO line.	✓*	✓
Back-to-Back WOs	In the same way you can raise back-to-back purchase orders for component items you can now raise back-to-back works orders for built items.	✗	✓
Quick Text	There is a Quick Text library available. This allows you to enter standard paragraphs of text that are regularly added to sales orders. Then when keying in orders you can select from the library of text instead of having to key in all the text. Modify the text to make it unique and specific to the order you are entering.	✗	✓
Enhanced Quotations	Amend exiting BOM's or create one off BOM's within a quotation and create one off orders	✗	✓
Audit Log	Captures changes on dates, quantities and prices.	✗	✓

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PURCHASE ORDER PROCESSING

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Allocate on Receipt	Allocate stock to works order at the point of receipt.	✗	✓
Linked Orders	View the works orders that are linked to a PO line.	✓*	✓
Needed By	From the PO line the Needed By button allows you to view all works orders that need that item.	✗	✓
Stock Profile	View the complete stock profile directly from each PO line.	✗	✓
Quick Text	There is a Quick Text library available. This allows you to enter standard paragraphs of text that are regularly added to purchase orders. Then when keying in orders you can select from the library of text instead of having to key in all the text. Modify the text to make it unique and specific to the order you are entering.	✗	✓
Supplier Price Breaks	Add price breaks for supplier to take advantage of better unit prices on higher order quantities.	✗	✓
Audit Log	Capture changes on dates, quantities and prices.	✗	✓

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Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
New Module	The Works Orders module is a brand new Cim200 module.	✓*	✓
Link to Projects	WOs in Cim200 can be linked to Project Accounting Projects and Phases.	✗	✓
Archive	You can now archive your old WOs rather than keeping years of history in the live WO list.	✗	✓
Reverse Completion	WO completions can be reversed up until the point of closure.	✗	✓
Capacity Planning	Cim200 plans based upon a rough-cut planning basis utilising your specified default working week along with the number of machines or people within a work centre.	✓*	✓
Capacity Planning Bar Chart	Easily see your overloads in the capacity planning bar chart view.	✗	✓
Work To List	An additional list view is available that shows each operation detailing the operation start date, setup time, run time and resources making it easy for operators to see their work to list.	✗	✓
Product Image	The product image from the stock record will be displayed on the Main Details tab of the works order record.	✗	✓
Sales Order Links	Works orders can be firm linked to sales orders, preventing them from being relinked by MRP when demands change. You can view the sales order directly from Works Order Links tab whether it is a firm link or an MRP linked order.	✓*	✓
Rich Text	The manufacturing instructions, component notes and operation notes field are all in rich text providing greater flexibility when designing shop floor documentation.	✗	✓
Component & Operation Details	View all the details relative to a component or an operation within the one screen. Be that component references, operation setup or run times or other info, there is no need to click into separate screens.	✓*	✓

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Analysis Codes	The works order record can have up to 20 analysis codes set. Each component and each operation can also have up to 20 analysis codes set.	✓*	✓
View Stock Record	View the component stock record with the click of a button directly from the components tab.	✗	✓
Component Batch or Serial Numbers	View the component batch or serial numbers issued to a works order with the click of a button directly from within the components tab.	✗	✓
Component Scrap Details	View the details of the components that have been scrapped directly from the components with a click of a button.	✗	✓
Actual Labour/Machine Bookings	You can view the actual labour or machine bookings to an operation directly from the operations tab with the click of a button.	✗	✓
Sub-Contract	There is a new sub-contract list view to assist with the processing of sub-contract operations. They can also be processed from the Operations tab within the individual works order records.	✓*	✓
Costing History	WOs can be manually costed, this will create a costing history record as per the Sage BOM costing process.	✗	✓
Audit Log	The audit log will track changes made to static fields, components and operations added or removed, how the order was created and by who. Also, if cancelled it will track when and by who.	✗	✓
Provisioning of Traceable Numbers	Allocate the finished unit batch or serial numbers at the WO creation stage, these will be used when the WO is completed into stock.	✗	✓
Linking	Firm link a works order to a chosen sales order to prevent MRP reallocating it to another sales order.	✓	✓
View Traceable Components	View allocated or issues batch numbers or serial numbers for traceable components.	✗	✓
Issue Components	You can now issue components without allocating first.	✓*	✓

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Trial Kitting	You can trial kit one or many works orders in the same way that you can trial kit BOMs.	✗	✓
Nominal Integration	The WO module fully integrates with the nominal ledger.	✓	✓
Create, Amend & View Works Orders	Create, amend & view works order records.	✓	✓
Ability to Amend Operations	Amend operation times, costs and subcontract supplier info on a works order.	✓*	✓
Issuing Stock	Based on system settings you can now bypass the allocation stage and go straight to issue stock.	✗	✓
Base Items	Base item WO have multiple different possible outputs for a single WO. (One to many WO)	✗	✓
Carbon Footprint Calculator	Work out the carbon emissions generated from manufacturing processes, defined in KgCO <sub>2</sub> e (Kilograms of CO <sub>2</sub> equivalent), when a works order is closed.	✗	✓

\* Denotes functionality available dependant on version of Sage 200 Manufacturing.

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Define Make-For-Stock Items	Define make-for-stock items for specific dates and quantities.	✓*	✓
Sales Forecast by Week	Raise sales forecasts on a daily, weekly, monthly, or quarterly basis. Defining forecast order quantities for period. Make the forecast customer specific and link it to the sales ledger account.	✓*	✓
Aggregation Settings	Combine demands and/or replenishments together to make production and purchasing more efficient. Combining can be based on days, weeks, or months.	✓*	✓
Demand Schedule	Demand schedule replaces Sage’s MPS. You can now view the Time Fence settings from the Read Demand Schedule window. The demand schedule now includes Stock Below Re-order Level items. There are also options to include proformas and on hold customers.	✓*	✓
MRP Output Log	<p>In Sage 200 Manufacturing, you are provided with an MRP output log, this gets overwritten at the next MRP run.</p> <p>In Cim200, you can view MRP output logs for every previous MRP run.</p>	✓*	✓
Jobbing and Batch MRP Modes	Define whether a stock item should be treated as a ‘Jobbing’ (“linked” in Sage 200 Manufacturing) item or as a ‘Batch’ item, determining whether MRP will treat each demand individually and raise a recommendation accordingly, or whether it should, depending on relevant planning settings, combine demands together before determining recommendations.	✓*	✓
Schedule Demand Schedule (MPS) and MRP	Demand Schedule (MPS) and MRP can both be automated overnight from within the client program, including the ability to confirm the settings, replenishments, and items MRP should read.	✓*	✓
Run MRP whilst users are in the system	MRP can now be run whilst other users carry on working in Sage. The only user that will be affected will be the user running MRP.	✗	✓
Run MRP against specific demand	Run MRP against specific item(s), sales orders or works orders.	✓*	✓

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Advanced Recommendations	<p>In Sage 200 Manufacturing, MRP will suggest all components and subassemblies are bought and made for the start of the works order.</p> <p>MRP in Cim200 is more advanced in that it schedules start and end dates at the operation level. Meaning when components are linked to operations on the BOM MRP will suggest the components are purchased or made in time for the start of the operation.</p>	✗	✓
MRP Recommendations	<p>Buying and make recommendations based on demand from MPS.</p>	✓*	✓
Demand Schedule Summary	<p>View summary of demands at the end of the Read Demand Schedule run. Giving overview of number of demands included/excluded by demand type.</p>	✗	✓
Rescheduling	<p>The system can be configured to enable MRP rescheduling, decide at the item level whether POs, WOs or both can be rescheduled.</p>	✗	✓
View Tags for Stock Replenishments	<p>View free stock as a replenishment and see what demands will utilise that free stock.</p>	✗	✓
Enhanced Working Times by Day	<p>Define daily start times, number of working and non-working hours.</p>	✗	✓
Warehouse Hierarchy	<p>Planning uses warehouse hierarchy when considering PO replenishments, ROL and SO demands.</p>	✗	✓

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Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Conflict Management	Resolve machine and labour resource conflicts in real-time. Conflicts are highlighted for user review and affected operations can be drag-and-dropped to alternative times or resources.	✗	✓
Resource Utilisation	Review colour-coded utilisation of resources by percentage to get an understanding of overloads for labour and machine resources, factory load imbalances and where they occur.	✗	✓
Works Order Planning	Schedule individual operations from the routings of the outstanding works orders present in Cim200. The Works Order Planning view provides a complete overview of all works orders and their operations across the whole business.	✗	✓
Dynamic Colour Coding	Colour coding is employed to highlight: late works orders, at-risk works orders, resource conflicts and resource overloads.	✗	✓
Dependency Management	To avoid operations being scheduled out of sequence, the Cim200 Scheduler uses operation dependency. This links operations from the same works order together with arrows directing from one operation to the next.	✗	✓
Locking Works Orders and Operations	Once a production plan has been finalised, firm it up by locking works orders and individual operations to ensure no scheduling changes can be made.	✗	✓
Review Cim50 Works Order Details	View works order and operation details within the graphical scheduler including dates, linked customer orders, run-times, setup times, delays and routing notes.	✗	✓
Schedule by Labour, Machine or Both	Choose whether labour resources, machine resources or both are considered when scheduling.	✗	✓
Review Cim50 Works Order Details	Ensure processes are not carried out by or moved to an incorrect resource type, by grouping labour and machine resources. These are setup from within Cim200 and are taken into account by the graphical scheduler.	✗	✓
Multiple Planning Calendars	Set up a single company wide calendar or individual calendars for each labour or machine resource to allow the scheduler to plan to the hours the factory and specific resources work.	✗	✓

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Schedule MRP Recommendations	Schedule MRP Recommendations alongside your Works Order operations, enabling you to factor in available capacity for recommended manufacture items and schedule accordingly.	✗	✓

Feature	Description	Sage 200 Manufacturing	Cim200 Manufacturing
Issuing	Issue components to works orders.	✗	✓
Booking Time	Book operation time against labour or machine resources.	✗	✓
Completion	Completion of works orders on last operation booking.	✗	✓
Manual Completion	Manual completion of works orders.	✗	✓
Traceable Items	Compatible with traceable and non-traceable items.	✗	✓
Compatibility	Device agnostic and compatible with barcode scanners and device cameras.	✗	✓