



RollTracker

**Specialised add-on for
Microsoft Dynamics 365
Business Central**



Microsoft Dynamics 365
Business Central



synergy
technology

What is RollTracker?

RollTracker is a unique add-on for Microsoft Dynamics 365 Business Central, developed by Synergy Technology, which is designed specifically for companies that sell sections of product from rolls. This could be fabric, textiles, carpet, flooring, or even artificial grass. Literally anything that is stored in rolls and is then sold in sections or cuts can be managed using RollTracker.

This means you get all the features of Microsoft Dynamics 365 Business Central including:

- Inventory management
- Warehouse management
- Sales and customer relationship management (CRM)
- Purchasing and procurement
- Financial management

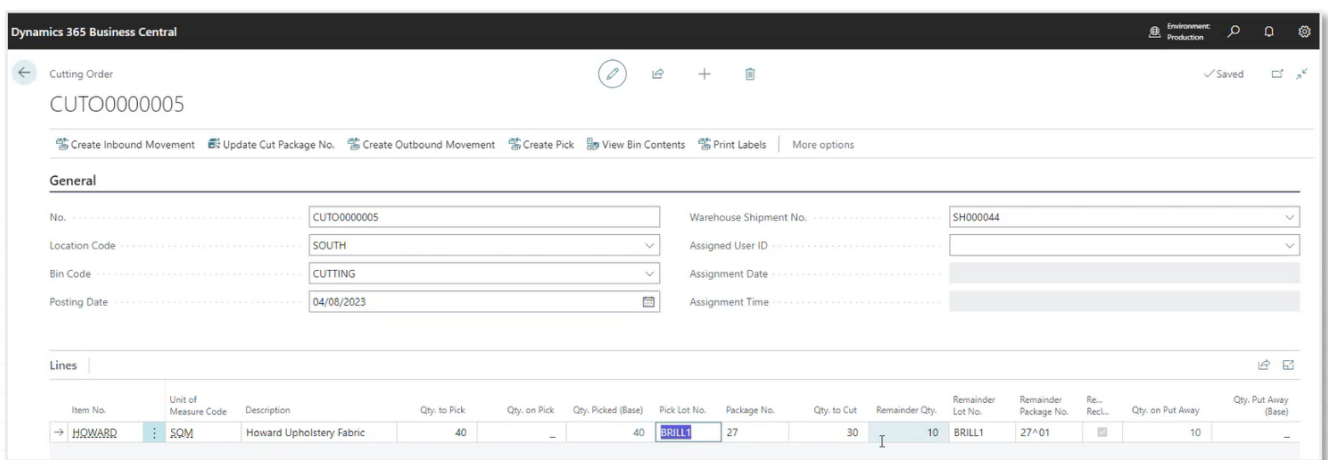
As well as specialised features such as:

- Recording of cut lengths, and number of times a roll has been cut
- Best-fit allocation of orders by multiple criteria
- Bar-coding for stock management in real-time
- Handheld device compatibility for stock location, picking & movement
- Link to shipping companies to send manifest electronically



How it Works

- Each roll received into the warehouse is given a unique number and barcode to identify each unique piece of fabric, flooring, or whatever product you sell.
- This can include batch numbers, for when sections of product can only be sold with pieces from the same batch, for colour matching purposes for example.



The screenshot shows the Dynamics 365 Business Central interface for a Cutting Order. The order number is CUTO0000005. The form is divided into a 'General' section and a 'Lines' section.

General Section:

No.	CUTO0000005	Warehouse Shipment No.	SH000044
Location Code	SOUTH	Assigned User ID	
Bin Code	CUTTING	Assignment Date	
Posting Date	04/06/2023	Assignment Time	

Lines Section:

Item No.	Unit of Measure Code	Description	Qty. to Pick	Qty. on Pick	Qty. Picked (Base)	Pick Lot No.	Package No.	Qty. to Cut	Remainder Qty.	Remainder Lot No.	Remainder Package No.	Re-Recd.	Qty. on Put Away	Qty. Put Away (Base)
→ HOWARD	SQM	Howard Upholstery Fabric	40	-	40	BRILL1	27	30	10	BRILL1	27^01		10	-

1. Order for 40m of product

- When a sales order is generated in Dynamics 365 Business Central, it is allocated to the roll in the warehouse which is the best fit for the order, be that in terms of size, or batch number, or both.
- RollTracker works with handheld devices and can easily send instructions to the warehouse operatives telling them the locations of the rolls, and exactly how much needs cutting from each one.
- If several rolls are suitable, it will even suggest the nearest roll to the shipping or cutting areas saving time and effort, especially in large warehouses. It can also be set to suggest the oldest piece in stock.



- If the roll that has been allocated is at the back of a shelf, but there is a roll from the same batch that is easier to get to, the warehouse operative can manually override this and take the one that is easier to pick.
- Crucially though, the software will not let the user pick another roll from a different batch, ensuring that they can only pick rolls suitable for that order.

No. ↑	Source Document	Created from Cutting Order	Source No.	Location Code	Destination Type	Destination No.	External Document No.	Assigned User ID	No. of Lines
WM000011	⋮	<input checked="" type="checkbox"/>		SOUTH					2
WM000021	⋮	<input checked="" type="checkbox"/>	CUTO000005	SOUTH					2

02. Rolls are moved to cutting area

- Once cut, rolls are allocated a new identification number and bar code, and allocated a bin code, so they can either be put back on the shelf, or into a cut roll area, whichever the business uses.
- The new number consists of the original number, plus a suffix, 01, 02, 03 etc, which can tell warehouse operatives at-a-glance that this is a cut roll, and how many times it has been cut.



- The system will then print off two new sets of labels, one for dispatching the cut pieces to the customer, and new ones for the remaining rolls, to show the correct batch and amount on the roll.

Movement · WM000021

Register Movement | Autofill Qty. to Handle | Print... | More options

General

No. WM000021 | Assignment Time | Location Code SOUTH | Sorting Method | Breakbulk Filter | Created from Cutting Order | Assigned User ID | Source No. CUTO000005 | Assignment Date

Item Details - Warehouse

Item No. HOWARD | Identifier Code - | Base Unit of Measure SQM | Put-away Unit of Measure Co... | Purch. Unit of Measure SQM | Item Tracking Code LOTPACK | Special Equipment Code | Last Phys. Invt. Date - | Net Weight 0.00 | Warehouse Class Code

Action Type	Item No.	Description	Package No.	Zone Code	Bin Code	Quantity	Qty. to Handle	Qty. Outstanding	Qty. Outstanding (Base)	Due Date	L	h
Take	HOWARD	Howard Upholstery Fabric	27^01	CUT	CUTTING	10	10	10	10			
Place	HOWARD	Howard Upholstery Fabric	27^01	STORE	CUTROLLS	10	10	10	10			

03. Warehouse movement to put cut rolls back in cut roll bin.

- In Business Central, users can see the roll, the batch and exactly how much is left on the roll and ready to sell.
- The software can be linked to courier companies like UPS, DHL etc for shipping of orders.

Warehouse Pick

Pick · PI000046

Process Pick | More options

Register Pick | Print... | Autofill Qty. to Handle

No. PI000046 | Assignment Date | Location Code SOUTH | Assignment Time | Breakbulk Filter | Tote Picking Enabled Default (No) | Assigned User ID

Item Details - Warehouse

Item No. HOWARD | Identifier Code - | Base Unit of Measure SQM | Put-away Unit of Measure Co... | Purch. Unit of Measure SQM | Item Tracking Code LOTPACK | Special Equipment Code | Last Phys. Invt. Date - | Net Weight 0.00 | Warehouse Class Code

Action Type	Source Document	Source No.	Item No.	Description	Package No.	Bin Code	Quantity	Qty. to Handle	Qty. Handled	Qty. Outstanding	Due Date
Take	Sales Order	101027	HOWARD	Howard Upholstery Fabric	27	CUTTING	30	30	0	30	10
Place	Sales Order	101027	HOWARD	Howard Upholstery Fabric	27	S1	30	30	0	30	10

04 Pick to get roll from cutting area and take to shipping area



Experts by Your Side

You don't need to be an expert to get a fantastic solution up and running within your business, but you do need to hire the best support.

Consulting a systems integrator is a valuable step when considering the implementation of a software solution, especially for complex projects. Synergy Technology have over 25 years' experience in designing and implementing solutions for businesses of all sizes. We have worked with businesses worldwide in implementing the RollTracker solution, so are well placed to help and advise you throughout your ERP journey.

Here are several reasons why you should consider working with Synergy Technology:

- **Expertise and Experience:** Synergy Technology has specialised knowledge and over 25 years of experience in designing, implementing, and managing complex IT solutions. We are well-versed in integrating different technologies to meet specific business needs.
- **Customisation and Tailoring:** Synergy Technology can help customise software solutions to fit your organisation's unique requirements. We can adapt existing software or integrate multiple solutions to create a seamless workflow.
- **End-to-End Solution Design:** We can design a comprehensive solution that addresses not only the software itself but also the hardware, network, security, and other components necessary for a complete and functional system.



- **Risk Mitigation:** We can help identify and mitigate potential risks associated with software implementation, such as compatibility issues, data migration challenges, and security concerns.
- **Project Management Expertise:** Synergy Technology have years of project management experience, and robust, proven systems to help plan, execute, and monitor the implementation process, ensuring that the project stays on track and within budget.
- **Integration Testing and Validation:** We perform rigorous testing to ensure that all components of the solution work together seamlessly and meet performance and reliability requirements.
- **Support and Maintenance:** Our application support service, SynergyCare, is designed around the clients and their individual users. Our consultants deliver a full range of tailored support coupled with exceptional responsiveness and accountability. By dealing with issues and queries quickly and efficiently, we will save you time and money, ensuring that your business applications run at optimal levels of performance at all times.
- **Scalability and Future-Proofing:** We can design solutions with scalability in mind, allowing for future growth and expansion without major disruptions or costly reconfigurations.
- **Compliance and Security Considerations:** We are knowledgeable about industry-specific compliance requirements and can help ensure that the implemented solution meets all necessary security and regulatory standards.

When engaging a systems integrator, it's important to clearly define your objectives, requirements, and expectations. Open communication and collaboration with the systems integrator are key to a successful implementation. Additionally, be sure to select a reputable and experienced systems integration partner with a proven track record of successful projects in your industry.



Why Choose Synergy Technology?

We seek a long-term partnership with our clients and work alongside them to help them get the best use of their solutions, to help attract, win and retain clients.

Since 1997, we have implemented hundreds of ERP and CRM solutions of differing complexity that have helped improve business performance by identifying opportunities for improvement and growth.

We have the scalability, knowledge and experience to offer the most relevant software solutions for your business needs and our highly responsive technical helpdesk works pro-actively to ensure any queries you have are resolved efficiently and effectively.

Give us a call today, and we can discuss how we can collaborate and share success together.

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