K3 Pebblestone

Manufacturing

K3 Pebblestone's Manufacturing features within D365 Business Central offers companies enhanced control over manufacturing and production processes by integrating matrices, customising routings, and providing detailed journaling and planning capabilities to deliver valuable reports.
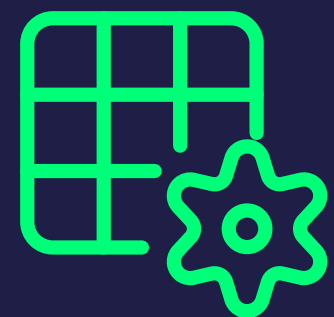
Key aspects include:

Matrix Integration
The inclusion of colours and sizes as separate sub-tables within the Production BOM allows for efficient management of production processes. The matrix provides an overview of selected values in rows and columns to provide additional visibility and control.
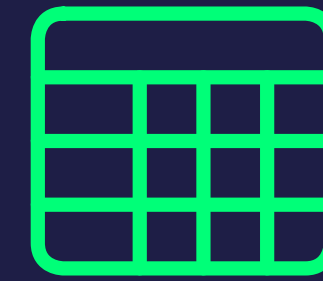
Output and Production Journal
K3 Pebblestone Manufacturing adds the matrix and sub-lines of components to the output and production journal, providing detailed information and facilitating accurate tracking of materials.

Routing Customisation
K3 Pebblestone enables the establishment of production order routings at various levels, such as item, colour, size, second size, or item variant. This flexibility allows for comprehensive control and ensures manufacturing processes, like scheduling, capacity planning, and material allocation, can be easily customised.

Planning Worksheet
K3 Pebblestone enables businesses to view and manage their planning on the matrix level, ensuring they have an overview of production orders and material requirements. The system supports opening, viewing, and editing the matrix page for precise control.
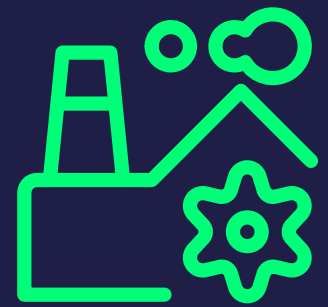
Manufacturing Reports
K3 Pebblestone and D365 Business Central offer manufacturing-specific reports that provide valuable insights into production performance, inventory management, resource utilisation, and more. These reports enable businesses to make informed decisions to optimise their manufacturing operations.
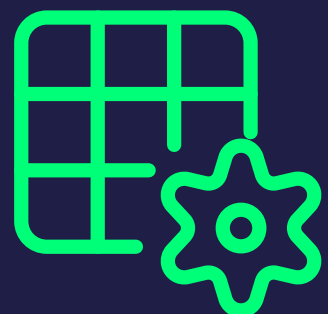
Features and Benefits:

Production BOM
A production Bill of Materials (BOM) holds master data describing the components (materials) used in producing a parent item. Items within fashion usually have different colours and sizes. Therefore, K3 Pebblestone Manufacturing has added a matrix to the production BOM within D365 Business Central to display selected values and provide an overview in rows and columns.

Production Order
In K3 Pebblestone, the inclusion of colours and sizes as separate sub-tables within the Production BOM offers enhanced functionality. This allows for the standard utilisation of Production BOM versions in D365 Business Central while providing flexibility to access the matrix from each production BOM version. This integration facilitates efficient management of the production process.
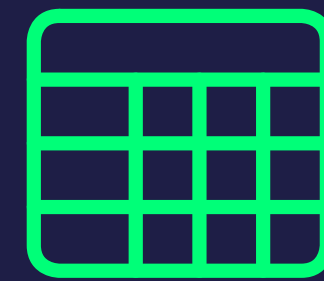
Routing
In manufacturing, routings serve as visual and directional tools for companies. They form the foundation for process scheduling, capacity planning, material allocation, and manufacturing documentation. With K3 Pebblestone, companies can establish production order routings at various levels, including item, colour, size, second size, or item variant, ensuring control and customisation of the manufacturing process.

Output and Production Journal
K3 Pebblestone Manufacturing has incorporated matrix and sub-line components into the output and production journal, providing comprehensive visibility and accurate materials tracking for efficient production management and inventory control.

Planning Worksheet
In the planning worksheet, it is possible to view the result of the planning in an overview of (grouped or) matrix lines for the production orders. It is also possible to administer the planning result on the matrix level in more detail for individual (sub-) lines. Full support exists to open, view, and edit the matrix page. The same is true for the material requirements (if applicable) based on these production orders.

Manufacturing Reports
Manufacturing-specific reports are vital in supporting the manufacturing process within K3 Pebblestone and D365 Business Central. These reports provide valuable insights into production performance, inventory management, resource utilisation, and other key metrics, enabling businesses to make informed decisions and optimise their manufacturing operations.

K3 Fashion Solutions

K3 Fashion Solutions, a leading supplier of fashion business technology with more than 30 years of experience, develops industry-specific tools to support fashion workflows, improve customer experiences, and deliver sustainable growth throughout the supply chain.

Our solutions, K3 Fashion and K3 Pebblestone, are fully embedded in icrosoft's Dynamics 365 ERPs offering enterprise-grade support from design and production through to retail. As a top 20 GISV with a global footprint delivered through our network of Microsoft implementation partners, we are committed to supporting brands of all sizes.

To learn more about K3 Fashion Solutions and how we can help your business, visit k3fashionsolutions.com

K3 Pebblestone

K3 Pebblestone provides brand owners, wholesalers, and manufacturers with an intuitive ERP environment that provides standardised fashion workflows and tools.

Fully embedded in Dynamics 365 Business Central, K3 Pebblestone is a single solution that supports essential processes like planning, design, sourcing, purchasing, logistics, warehousing and finance