



BellHawk Material Conversion

BellHawk has helped many materials converters, printers and packaging manufacturers implement operations tracking systems. Most make to order.

Processes

These companies handle paper, cardboard, film, plastic, woven and non-woven materials. Their processes include:

- Printing, coating, laminating rolls and sheets of material
- Die cutting and punching
- Slitting into rolls and cutting into sheets
- Assembly of finished products into kits

Multiple units of measure

BellHawk works with multiple units of measure and translates between them. E.g. Weigh a roll of paper and compute the length • Weigh items and determine the count • Count the items on a pallet and calculate its weight.

"I buy in pounds, convert by the foot and sell by the sheet" - Roll Convertor.

Special Requirements

Conversion operations tend to be very specialised. Integration with weighing scales or other devices is essential. Left over materials need to be accounted for and reused.

Capabilities for Convertors

BellHawk many features convertors need to manage orders and materials:

1. Track rolls and sheets of materials in different units of measure, and convert between them.
2. Track rolls and sheets by length, width, and thickness, and convert to and from weights.
3. Use a few generic part numbers and attributes such as length, width and colour to represent a large number of raw, intermediate materials and finished products.
4. Interface with weighing scales for to determine quantity of material on rolls, reels, stacks and skids.
5. Track receipt and put away of raw materials including customer owned materials.
6. Schedule and track conversion of materials into finished products through a series of operations
7. Track work-in-progress between operations.
8. Track rework and scrap including recyclable waste.
9. Track packaging and shipment of finished products.
10. Generate barcode labels on-demand for incoming materials and finished products.
11. Track and account for materials left over for reuse, such as butt rolls and chemicals.
12. Exchange data automatically with accounting and ERP systems.

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