

CASE STUDY: NEW FACILITY DESIGN

POWER EQUIPMENT MANUFACTURER

The Challenge

This manufacturer and distributor of power equipment tools was moving its distribution facilities. PeakLogix designed its new warehouse to ensure ongoing efficiency and productivity.



The Solution

PeakLogix implemented a Goods-to-Man parts picking and processing system featuring two pods of (4) horizontal carousels in combination with pick-to-light carton flow to maximize small part pick efficiency. This system allows the operation to “sprint” by adding resources to pick pods whenever volume increases.

FEATURES:

- Smart Display Tablet Light Trees to direct picking and putaway activities
- Efficient 24V roller conveyor system that intelligently routes open orders to the appropriate carousel pod for fulfillment
- Small parts orders are carried from induction to picking to shipping with the only touch point being pick operations
- System interfaces with the company's host WMS
- Shelf and Pallet storage (approximately 430 bays)
- Industrial workstations and workbenches
- In-line scale
- Extendable conveyor

The Results

The new facility accommodates over 9,000 SKU's in parts picking areas, of which over 7,000 are stored in carousels. The **small parts pick rate has increased by nearly 4.5x**, growing from 50 lines per hour to 220 line per hour by moving from Pick-to-Cart to Goods-to-Man.