



CUSTOMER

The company is a leading global manufacturer of agricultural and construction equipment with about 11,300 dealers in 170 countries and net sales of ~\$18.5 billion.

With 1.3 million sq. ft of office, warehouse and yard space, the Indianapolis Distribution Center (IDC) located in Lebanon, IN is its largest depot in North America, stocking over 240,000 SKU's.

APPLICATION DESCRIPTION

The IDC receives multiple large shipments and then ships smaller orders to their regional distribution centers throughout North America.

PRODUCTS IN USE

NB Series Workstations equipped with standard inverter/charger system and (2) 100 amp hour batteries.



NB Series Mobile Powered Workstation



CHALLENGE

There was one central area where 8 - 9 operators would walk to 1 stationary PC/Printer Station. Here, they would print multiple product labels, depot tickets, routing tickets, and other documentation. According to the IDC's Ops Manager, "Operators would attempt to carry multiple tickets and other documentation back and forth to the parts staging. There were significant quality issues of wrong paperwork being attached to the wrong job."

SOLUTION

Focused on improving quality assurance, they looked for a solution that would enable its operators to print labels and tickets “on-demand” – thereby ensuring an accurate placement of labels/paperwork and a significantly lower number of costly shipping errors.

In addition to a laptop and (2) high-volume thermal printers, the company completed its Mobile On-Demand Label Printing Station by implementing the NB440 Mobile Powered Workstation. The compact NB Series with (2) 100 AH batteries and standard power package could easily power the laptop and printers for up to 10+ hours at a time.

RESULTS

Many operators now have their own mobile label printing station that they can easily move down the aisles and print labels, tickets and other documentation as orders are processed. The company now has over 50 Mobile On-Demand Printing Stations installed throughout its Lebanon, IN Distribution Center. They are used all over the warehouse in areas such as auto bagging, physical bagging, intrapacking, and more.

KEY BENEFITS

Operators no longer waste valuable time walking back & forth to 1 static printer

Packing time has decreased since operators no longer wait around for others to print labels and tickets before them

The chance of processing errors is significantly reduced



NB Series On-Demand Label Printing System

ABOUT NEWCASTLE SYSTEMS

Newcastle Systems' commitment is to provide innovative solutions that help make Auto-ID Technology and other hardware truly mobile and information more readily available across an entire enterprise.

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