



Space-Saver Keyboard

Small Size, Big Features

USE CASE | MANUFACTURING & WAREHOUSING

KSI-MINI TB Compact Keyboard Conserves Space on Industrial Mobile Workstations



Many of today's most efficient manufacturing and warehouse operations leverage use of powered industrial mobile workstations to save time, improve quality, and increase productivity. The battery-operated carts hold a variety of tools and supplies, including computers, keyboards, printers, barcode scanners, and a range of testing equipment.

Use of the carts facilitates asset tracking, in-aisle printing, labeling, picking, packing, and inventory management on the warehouse floor. For quality control in manufacturing, they provide convenient access to measuring, testing, and inspection tools.

In either case, all the implements needed to deploy these functions remain accessible, centralized, and organized on the carts, as they travel with workers around the facility. Thousands of manhours are saved by reducing costly worker motion that would otherwise be spent accessing computers, supplies and testing equipment at a single stationary workstation.

KEY MINI-TB FEATURES

- Compact footprint fits mobile workstations
- Durable construction stands up to heavy use
- Integrated, self-cleaning trackball mouse
- Premium cursor control
- Effortless trackball movement
- Embedded left-right mouse buttons
- 86 keys, with 104-key functionality
- Great tactile feel on full travel keys
- Non-skid rubber feet
- USB interface
- Windows 11 compatible
- Ergonomic design allows greater productivity

The Challenge >



Compact size maximizes usable workstation space

Integrated mouse offers greater efficiency and space

In the KSI-MINI TB, the company found everything it needed to maximize use of its mobile workstations

CHALLENGE

Procure a durable, lightweight compact keyboard that best fits the confines of industrial mobile workstations without sacrifice to productivity or functionality.

Looking to increase efficiency and cut waste, a metal fittings manufacturer has just purchased thousands of mobile workstations for its fabrication and warehousing operations across the United States. The company has established standardized mobile configurations for warehouse operations and separate standards for carts at QC inspection facilities. After closely examining cart parameters, staff realizes a compact keyboard that maximizes space must be specified in each case. Keyboards need to be not only sturdy and reliable, but easy to use. Compact size is essential yet must not impair functionality by counteracting cart usefulness or causing a decrease in worker productivity.

SOLUTION 1

The Mini TB with integrated trackball was selected based on internal testing of a KSI evaluation unit. The keyboard proved to be superior in durability than other keyboards on the market, and the company believed its shell and keys would withstand heavy, repeated use better than flimsy laptop keys.

In the case of warehouse floor mobile carts, the Mini conserved space within the cart's keyboard tray to accommodate placement of a barcode scanner alongside the keyboard. The Mini's integrated trackball mouse and left-right mouse buttons further maximized efficiency by eliminating the need for a separate mouse that could be lost or easily fall from the cart and break. Warehouse workers quickly grew accustomed to using the keyboard's function key to access 10-key. Leveraging the Windows key, each warehouse department created shortcuts that sped up selected tasks and overall workflow.

SOLUTION 2

The company's QC carts accommodated a variety of tools for conducting on-the-fly inspections and testing of fittings on the manufacturing line. Specialized test equipment mounted on the cart's worksurface left little space for a keyboard and no room for a mouse.

With specification of the KSI Mini TB keyboard, its placement on the worksurface allowed enough room for test equipment. The keyboard's self-contained mouse was a big plus in conserving needed space and added to the proficiency of the cart configuration.

In the KSI Mini TB, the company found everything it needed to maximize use of its industrial mobile workstation fleets.

