



Panalpina selects TTP-2410M printer for its global supply chain network



MARKET:
Logistics &
Transportation Industry

APPLICATION:
Supply Chain

MODEL:
TTP-2410M

Mission:

After three months of evaluations and tests, Switzerland-based Panalpina selected TSC's TTP-2410M Series thermal-transfer printer for use in its global supply chain, a network of 500 offices in 80 countries employing 15,000 people.

"The particular challenge is the structure of the company," affirms Markus Igl from the Core Application Development Department at Panalpina in Switzerland. "We specialize in end-to-end supply chain management solutions as well as intercontinental air freight and ocean freight shipments. Our business can only operate utilizing state-of-the-art software. Every branch in the world is connected to our complex IT environment, where all components must cooperate optimally."

Within Panalpina's supply chain network, printer and scanner systems are critical components. They identify shipments, gather and print relevant data on labels, and communicate with Panalpina's computer network, which controls and optimizes internal data flows and external transit routes.

Benefits:

With its rugged aluminum casing, fast print speed and 600-dp resolution, the TTP-2410M proved to be the ideal printer solution for Panalpina, offering the fastest label output of any printer in its class.

"Besides print speed and resolution, compatibility was a decisive factor in its selection, as was its affordable price and the high level of support offered by TSC", said Markus Igl, whose Core Application Development Department is responsible for testing all products that are eventually adopted for use worldwide by Panalpina.

Since 2009, TSC's TTP-2410M thermal-transfer label printers have been installed in transit and distribution warehouses and office locations, and are capable of producing high-data-density barcode labels at high speeds, while maintaining optimum print quality.

The label printers support one- and two-dimensional barcodes, including PDF-417, Maxicode, DataMatix and QR Code formats, and accommodate ribbons up to 600 meters long and label rolls with an outer diameter of up to 208.3 mm. They also support both peel-off and batch-mode printing.

"For all these reasons, we chose TSC's high-performance TTP-2410M printers and have recommended them to all our businesses worldwide," said Igl. "The support from TSC has been exceptional, with specialists from the company helping us define the optimal print speed for each application to prevent any problems with print quality."



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MODEL:
TTP-2410M



The TTP-2410M's print quality, high memory capacity, PS/2 keyboard interface, and internal Ethernet, USB 2.0, Centronics, RS-232 and PS/2 connectivity were determining factors in its selection by Panalpina.

These features enable Panalpina to label every shipment based on the type of transportation and application. The requirements for labels used in air freight shipments are especially high because of the large temperatures fluctuations in aircraft storage bays. Such labels must meet very rigid IATA regulations, said Igl.

Another attractive feature of the TTP-2410M is its ease of handling. The ribbons and print media can be replaced easily by any onsite employee.

"TSC Auto ID and distributor Barcodat from Dornstetten are reliable partners that delivered the ideal printer for our requirements at a very low price," said Igl. "Furthermore, they offer great support, which is absolutely essential for the proprietary and very complex topology network of a large service provider such as Panalpina."

TSC TTP-2410M thermal-transfer barcode printer features:

TSC's new TTP-2410M die-cast aluminum label printer is designed to meet the most demanding bar-coding and identification requirements, offering more standard features than any comparable printer—at a very affordable price.

The TTP-2410M boasts a print speed up to 12 ips – the fastest in the TSC product lineup – and the fastest throughput of any printer in its class. With its combination of speed and durability, the TTP-2410M is ideal for mission-critical printing applications – either on-demand or batch.

TTP-2410M standard features include internal Ethernet, USB 2.0 and PS/2 keyboard connectivity, 32 MB SDRAM, 8 MB Flash memory, and an SD memory-card slot for inexpensively adding up to 4 GB of additional Flash storage. The TTP-2410M supports up to a 600-meter-long ribbon, along with a full 8.2-inch OD media roll. An optional peel-off kit includes an internal rewinder and a label peel-and-present sensor. The unit comes with a 2-year limited warranty.

The TTP-2410M is packaged with TSC's powerful TSPL-EZ™ firmware, which supports three printer languages: TSC printer language, TPLE (Translation Printer Language Eltron®), and TPLZ (Translation Printer Language Zebra®). TSPL-EZ™ features internal scalable True Type fonts, along with a BASIC interpreter with file manager for creating powerful printer-interface applications with multiple host types.

History of Panalpina

Panalpina's history is closely linked with Rhine shipping. In 1935, the fledgling business consortium began to focus its attention on the shipping industry. During the 1940s, the group of companies formed a transatlantic network, and in 1954 began operating worldwide under the name of Panalpina. In the 1970s, the group benefited from Nigeria's booming oil business, which catapulted Panalpina into a position as the leading supply-chain company for the oil and gas industry.

Today, the logistics requirements of the company's global activities are immense. The success of the business depends not only on on-time delivery, but also on meeting the specific regulations of every country.

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