

DASCOMSolutionNews

Case study of DASCOM Europe GmbH

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Rapid printing and delivery at the Barth logistics group: DASCOM serial matrix printers ensure operations run smoothly

The customer

With around 200 vehicles, the international-operating logistics group Barth based in Swabian Burladingen caters for demanding customers. Important for smooth operations is rapid availability of the transport documents with which the deliveries are documented or routes printed out for the drivers. Since the end of the 1980s, the company has relied on DASCOM products. As the serial matrix printer for printing the transport documents is located in open-plan offices and in use almost constantly, a special solution

was sought for damping noise without hindering work processes. Up to one thousand triplicate forms accrue here every day, which are printed on the T2265+ serial matrix printer from Ulm-based print manufacturer, DASCOM.



Nagel foodstuff logistics specialist trusts the DASCOM line printer.

With its 3,500 lorries in daily operation, the Nagel Group whose head office is in Versmold in Westphalia, is the most important distributor in the temperature-controlled foodstuff logistics industry. The basis for growth in recent years was and still is the operation of the most modern information technology through which the highest level of efficiency and reliability is guaranteed during processing. For this reason, DASCOM products have been used at almost all European Nagel Group locations for the printing of a variety of logistics documentation for many years now. The operational centre of all transports services provided by logistics expert Nagel is the scheduling department where the clients' needs must be responded to extremely flexibly when a 24-hour delivery service is offered. "The demands on the printer are particularly high," explains Wolfgang Kreft, Head of IT at the Nagel Group. Following a short test phase in Versmold, the T6218 by DASCOM was selected for use. In addition to the print speed, the crisp print quality of bar codes to ensure good legibility during scanning was also a deciding factor in the decision. Thus the transport documents are also printed on line printers from DASCOM at all new Nagel Group locations.

The task: a quiet, high-performance printer.

To prevent the printer that is constantly in operation from increasing the noise level within the open-plan office even further, it was equipped with an acoustic enclosure. Originally, this hood had to be opened each time to remove the printouts and the continuous form paper carefully torn off along the perforations on the back of the printer. "This situation was simply unsatisfactory, as well as time consuming," said Karl-Heinz Daikeler. "From our many years of experience, we know that DASCOM is a partner who also finds

solutions for unusual requirements." Thus Daikeler sought advice from a special sales partner in southern Germany in the summer of 2002. Together with the manufacturer of the acoustic enclosure, the Lehmann company in Eislingen, it was possible to quickly find a solution for this very special situation too.

Optimal solution thanks to shared competencies.

Lehmann developed an acoustic enclosure specifically for Barth, offering several advantages at once. Instead of the previous solution comprising the individual printer table, printer and enclosure elements, a cohesive unit also featuring space for the paper supplies at the bottom now stands in the scheduling department. The additional paper cutting device on the printer means forms are now cut automatically at the end of each operation and no longer need to be torn manually. The enclosure itself has an angled slit at the front through which the transport documents automatically drop into a specifically fitted in-tray. Staff can now simply collect the forms there and process them.

DASCOM – A partner to the logistics industry

Barth in Burladingen and Nagel in Versmold – two of countless logistics companies in Europe who count on DASCOM products and solutions in the field of IT: Dachser, Danzas, Gebrüder Weiss, Noerpel, Austrian Federal Railway (ÖBB), P&O, Schenker, and many more.

Large volumes in short periods of time.

Take for example the company's largest branch office situated in Borgholzhausen in Westphalia where the daily print volume totals up to 18,000 forms. In the field of logistics, this includes shipping orders, load carrier documents, bills of lading and slips; in the warehouses, it is mainly delivery

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MOBILE PRINTERS

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THERMAL PRINTERS
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LINE MATRIX PRINTERS

TallyGenicom™

forms. To cope with this high print volume within the shortest of times, two T6218 printers are located in the "Local Transport" and "Dispatch" areas, one each for incoming and outgoing consolidated cargo; another can also be found in the accounting department. The 6306 is used to print smaller volumes. Given that operations run twenty-four hours a day, seven days a week in this international logistics company, the line printers are in operation for up to ten hours a day. The high volume of forms means regular paper changes are required, hence staff are very impressed with the easy and fast usability.

Convincing print quality.

Wolfgang Kreft is also extremely pleased with the print quality. The newly-developed hammer bank in "stored energy" technology means that the text on the logistics documents can be seen optimally through up to three carbon copies. The page-oriented software architecture, two font modes and the "read/right algorithms" also contribute to the excellent print results, with bar codes presented in high definition and legibility for example. The readability offers the optimal conditions for, in particular, processing via an electronic archive or a document management system for example. In this way, no content is lost during scanning of the logistics paperwork.



TallyGenicom T6218 line printer

With up to 1,800 lines per minute and 1,980 pages per hour, the T6218 is among the fastest line matrix printers. The print speed remains constant even when the characters are extremely dense yet noise production remains extremely low. The



paper feed is guided precisely by a four-tractor system with steel pins; the paper thickness setting also remains unchanged after lane changes.

Highlights at a glance:

- High-speed line printer for maximum print throughput
- Extremely robust "stored energy" hammer bank
- Print volume of up to 512,000 pages per month (also multiple sets))
- Print speed of up to 1,980 pages per hour
- Interface versatility for optimal integration into its surroundings
- All standard dot and line print emulations
- Graphic capabilities with three graphics languages
- Read/right algorithms for sharp-edged bar codes
- Two different font modes for excellent font printing
- Colour ribbon capacity approx. 250 million characters, colour ribbon monitoring
- Extremely robust construction for a long product life

Tally T2265+ and T2280+ matrix printers

The T2265+ and T2280+ offer ideal solutions in areas that depend on the reliability and speed of a printer in particular. The high-performance print head featuring 24 pins also guarantees top performance and penetrating power of up to six copies when in permanent use. Its robust and durable construction means the printers also come highly recommended for industrial applications, including production environments. Each



month, they provide large print volumes easily and reliably for low page costs.

Highlights at a glance:

- Multifunctional high-performance serial matrix printer
- Print volume of up to 50,000 pages/month
- Print speed of up to 1,100 characters per second
- Graphic resolution of up to 360 x 360 dpi
- Flexible paper input via single-sheet feed and continuous feed
- Optional cutter for continuous paper
- Automatic functions for unsupervised print runs
- 22 bar codes, OCR-A and OCR-B, block lettering
- Selection of interfaces and emulations
- Robust construction for low-noise operation (53 dB(A))

The products of DASCOM Europe GmbH:

Dot-matrix printers

Innovative all-rounders.

The right decision if you need to print quickly, cost-effectively and in large volumes with multi-part forms.

Thermal printers

Robust and compact.

Suitable in several areas such as production, medical supplies or trade for a wide variety of uses.

Mobile printers

The work place professionals.

Compact in size, well thought out details, cost-effective basic model with numerous upgrade features.

Line printers

High speed and quality.

The speed professionals. Maximum output with the highest quality and lowest costs per page - even with multi-part forms.

Laser printers

The Office specialist.

A complete range of laser printers for personal desktop printing or a departmental print station.

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