

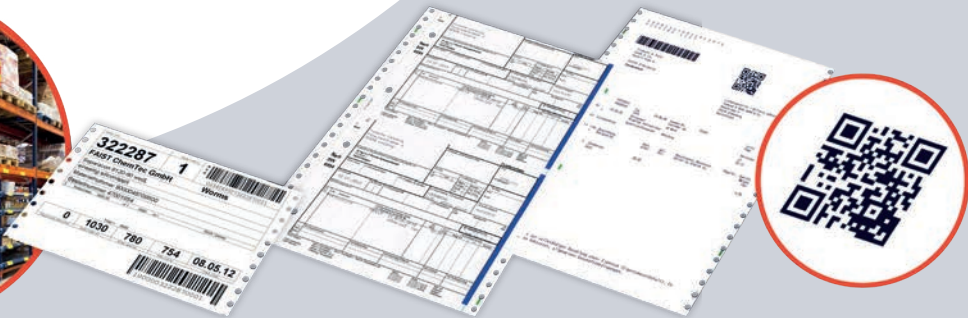


professional printing solutions



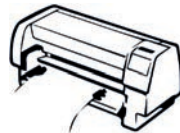
PSi Matrix Drucker

Outline of Application

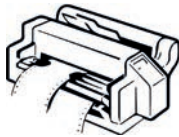


PSi Matrix Printer Family

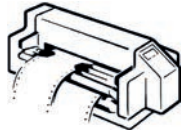
Super fast
High-performance printers



PP 809the super fast

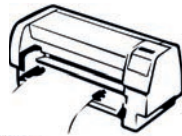


PP 408the cutting fast

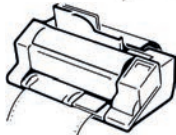


PP 407the cost-effective fast

Professional
matrix printers



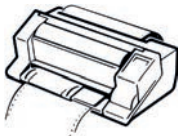
PP 806the multifunctional width



PP 405the multifunctional



PP 803der Compact



PP 404the high-performance printer



PP 205the compact economic



PP 204the Flexible



PR9the Intelligent

INTRODUCTION

The professional PSi printer families PP 40x and PP 80x convince with mature and green technology, a long runtime and high reliability. They therefore meet a wide range of specific application requirements and are cost-effective and flexible. In addition, the printers of the PP 20x family and the PR9 document printer expand the product range. Thus, the complete range of printing in the most diverse applications in all areas (industry, logistics, trade, administration, etc.) is covered by PSi dot matrix printers.

The most important fields of application are:



Büro



Industrie/Automobil



Bank



Handel



Gesundheitswesen



Öffentliche Verwaltung



Paketdienste



Produktion/Fertigung



Gesundheitswesen



Kiosk-Systeme

PROFESSIONAL PRINTER SOLUTIONS

This catalog contains a small overview of possible applications in various fields of application. There are a wide variety of paper types / sizes and types used worldwide.

FORM SETS

A copy is made by the chemical reaction between a colorator and a developer. The principle is based on making a copy by causing a chemical reaction between two complementary layers by the needle stop on the paper. The first page (original) has a coated back. This coating consists of a microcapsule with a diameter of about ten microns, containing a coloring agent incorporated in a binder. The needleprint creates a mechanical pressure on these capsules. These burst and release the colorator. The second side, with a receiving coating, absorbs them. It consists of a reactive substance that reacts with the colorant and creates an image. This system repeats according to the number of copies.



LOGISTIC



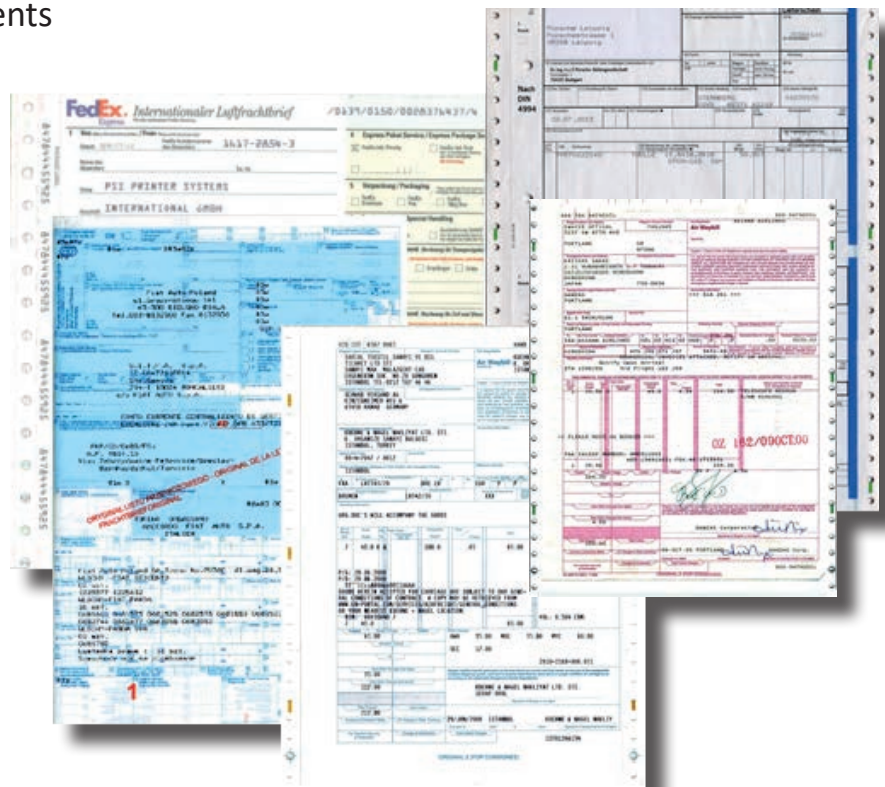
Standardized applications in logistics

The flow of Goods must be documented. That Incoming goods and exits are accompanied by accompanying documents, which are invoices and delivery notes. Here are multilayer documents are usually printed.

In addition, the unique labeling / labeling of the goods, as well as the goods items or warehouse contents is also necessary.

Used papers in logistics:

- Delivery note / invoice
- Shipping documents (Shipper UPS, DHL, Fedex etc.)
- Freight and air freight documents
- loading lists
- stocklists
- shipping labels
- AWBs / CIM
- Airway Bills
-



SUITABLE PSI PRINTERS FOR LOGISTICS



PP 204



PP 205



PP 803



PP 806



PP 809



PP 404



PP 405



PP 407

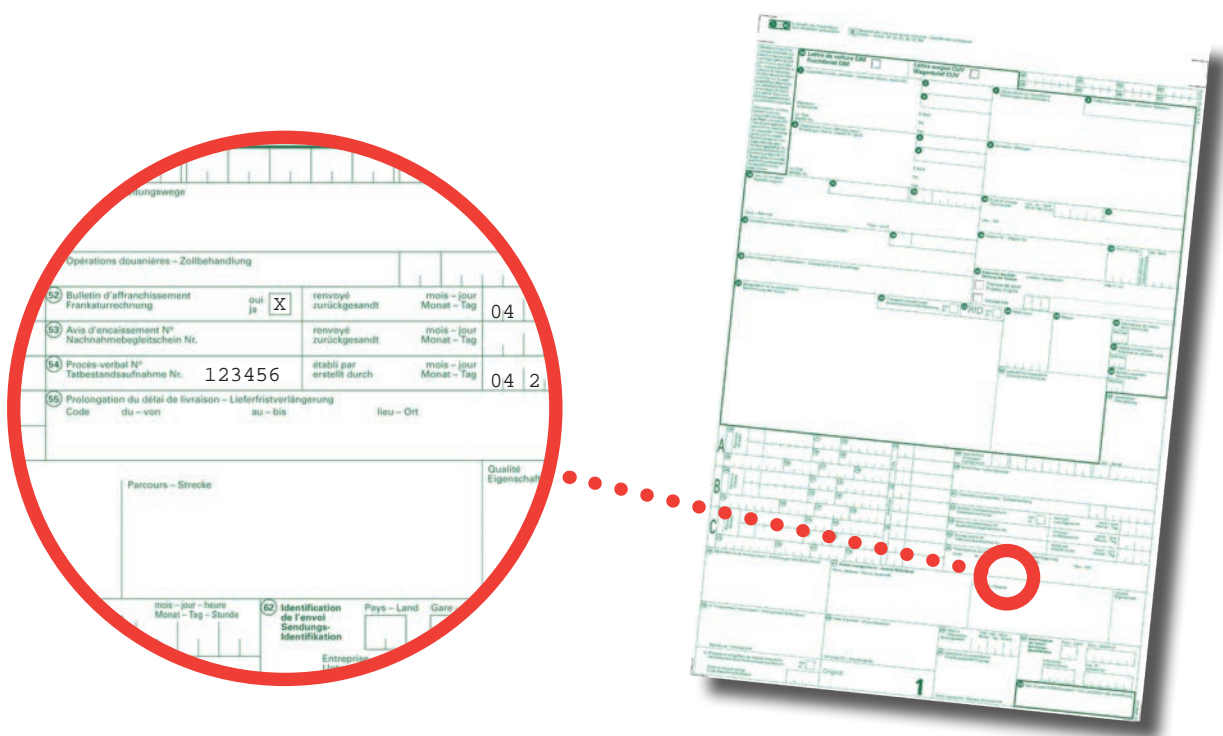


PP 408

Special solutions for forms in logistics

CIM Freight Paper for International Rail Transport

CIM (Uniform Form for International Carriage of Goods by Rail).



These forms can be excellently processed by all PSi PP 40x and PP 80x printers. However, the form consists of countless, very small position printing windows, which can only be processed by printers with low vertical tolerances.

Therefore, the printers of the PP 80x family are particularly suitable, as they have an Intellidrive function, thus guaranteeing perfect pressure positioning in vertical and horizontal direction.

RECOMMENDED PSI PRINTERS



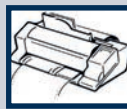
PP 803



PP 806



PP 809



PP 405



PP 407



AWB AIRWAY BILL

A document drawn up by or in favor of the carrier and confirming the receipt of the goods by the carrier, which is a contract between the consignor concerned and the carrier over which the goods are to be transported by air.

The diagram illustrates the structure of an Air Waybill form. On the left, a detailed view of a section is shown within a red circle. This section includes fields for 'Weight Charge' (1234.50), 'Valuation Charge' (12345678), 'Tax', 'Total Other Charges Due Agent' (2553), 'Total Other Charges Due Carrier', 'Total Prepaid' (2332.50), and 'Total Collect'. It also includes a 'Shipper certifies that contains dangerous according to the ap' statement and a 'PSi Mat' label. On the right, a full Air Waybill form is shown, with a red dot indicating the location of the highlighted section. The full form includes fields for 'Air Waybill', 'Shipper's Name and Address', 'Consignee's Name and Address', 'Description of Goods', 'Weight and Volume', 'Value', 'Incoterms', 'Terms of Carriage', 'Signature of Shipper', and 'Signature of Carrier'.

These forms can be excellently processed by all PSi PP 40x and PP 80x printers. However, the form consists of countless, very small position printing windows, which can only be processed by printers with low vertical tolerances.

Therefore, the printers of the PP 80x family are particularly suitable, as they have an Intellidrive function, thus guaranteeing perfect pressure positioning in vertical and horizontal direction.

RECOMMENDED PSI PRINTERS



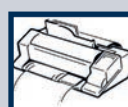
PP 803



PP 806



PP 809



PP 405



PP 407



INVOICE/ DELIVERY NOTE

The print quality on invoice and delivery note forms depends on the make-up and the number of uses of the form. All PSi printers are suitable but depending on the number of benefits and the execution (continuous or single form set).



Continuous forms

- 1-3 Copies = PP 809
- 1-4 Copies = PP 20x
- 1-5 Copies = PP 40x / PP 803/PP 806
- 1-6 Copies = PP 803, PP 806
- 1-8 Copies = PP 803

Single Forms / automatic processing

- (ASF TYP A or B)
- 1-5 Copies = PP 405
- 1-6 Copies = PP 806

Single Forms / manual processing

- 1-4 Copies = PP 20x, PP 40x, PP 803/PP 806
- 1-5 Copies = PP 40x, PP 803/PP 806
- 1-6 Copies = PP 803, PP 806
- 1-8 Copies = PP 803

RECOMMENDED PSi PRINTERS



PP 204



PP 205



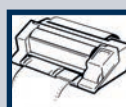
PP 803



PP 806



PP 809



PP 404



PP 405



PP 407



PP 408



TRADE CERTIFICATE EUR. 1 – COOPERATION AGREEMENT

Required only for trade with the countries with which the EC has concluded free trade, preferential or cooperation agreements, as well as with states and territories associated with the EG.

This document is available in 2 versions and has 1 original + 1 utility

Version 1 continuous form set (hole edge)

This form can be excellently processed by all PSi PP 20x, PP 40x and PP 80x printers.

Version 2 single form set (head-glued)

This form can be automatically processed in the printers PP 405 and PP 806 with an ASF cassette A2. Manual processing is also possible in the models PP 20x, PP 404, PP 405, PP 803 and PP 806 via manual feed.

RECOMMENDED PSI PRINTERS



PP 204



PP 205



PP 803



PP 806



PP 809



PP 404



PP 405



PP 407



PP 408

TRADE CERTIFICATE A.T.R. – PREFERENCE IDENTIFICATION

The preferential proofs are proofs of origin, with the exception of the A.T.R., which is valid in trade with Turkey

This document is available in 2 versions and has 1 original + 1 utility

Version 1 continuous form set (hole edge)

This form can be excellently processed by all PSi PP 20x, PP 40x and PP 80x printers.

Version 2 single form set (head-glued)

This form can be automatically processed in the printers PP 405 and PP 806 with an ASF cassette A2. Manual processing is also possible in the models PP 20x, PP 404, PP 405, PP 803 and PP 806 via manual feed.

RECOMMENDED PSI PRINTERS



PP 204



PP 205



PP 803



PP 806



PP 809



PP 404



PP 405



PP 407



PP 408



AUTOMOTIVE / INDUSTRY



Industrial forms (often pre-printed) as an application e.g. in production plants in the form of multiple sets, which are mostly used in the production area with large barcodes and numbers for semifinished product manufacturing or as a product overlay paper. Blank forms serve as disposable documents and are usually destroyed at the end of the production process as paper documents, but archived as electronic documents.

The clothing industry's large-volume documents, such as a variety of patches, tags, or tags, are directly attached to the garments. Materials are Tyvek, fabric or cardboard.

Used papers in the industry:

- Production documents with barcode
- labels
- product lists
- Working accompanying documents
- production descriptions
- stock documents
- Test certificates
- reviews
- assembly lists
-



SUITABLE PSI PRINTERS AUTOMOTIVE/INDUSTRY



PP 204



PP 205



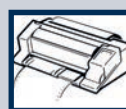
PP 803



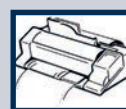
PP 806



PP 809



PP 404



PP 405



PP 407



PP 408



TRADE



Trade is the exchange of goods and services. A functional trade is always “when market participants procure goods that they do not manufacture or process themselves, procure them from other market participants and sell them to third parties”. These are mostly production, craft and agricultural businesses that buy up commodities to enrich their sales program.

Used papers in trade:

- Transport or commercial papers
- Documents of warehouse logistics
- Migration and relocation documents,
- Pick and packing lists,
- Picking / Supplements.
- labels,
- Pallet Sticker ect.
-



SUITABLE PSI PRINTERS IN TRADE



PP 204



PP 205



PP 803



PP 806



PP 809



PP 404



PP 405



PP 407



PP 408



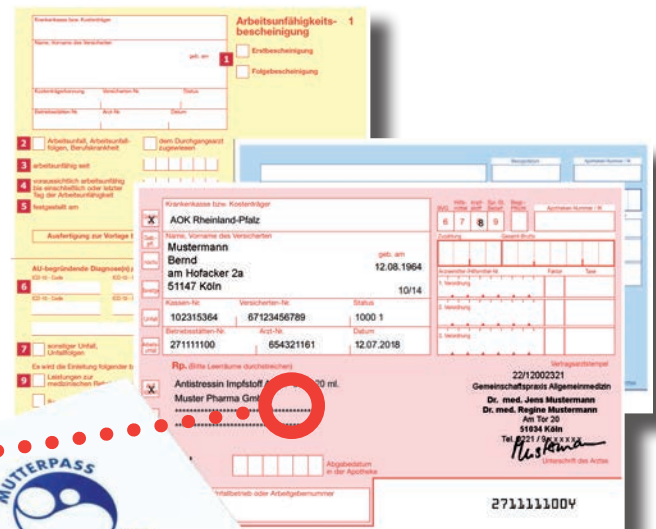
HEALTH CARE



Medical supplies use form solutions and labels. These are mainly labs, hospitals and medical practices. Whether labels for patient admission, or certificates, sick leave and incapacity certificate must be printed with high position accuracy. The PR9 document printer with automatic paper orientation and edge detection is ideal for this.

Used Papers in Medical Care:

- Certificates, recipes, remittances
- Disability certificates
- Receipts (practice fee)
- Vaccination and maternity leave
- Pharmaceutical, sample and medication identifier
-



SUITABLE PSI PRINTERS FOR HEALTH CARE



PR9



PP 803



PUBLIC ADMINISTRATION



Printing tasks for organizational administration are manifold. From tax, regulatory and economic administration, a wide variety of forms must be printed.

Used papers in public administration e.g.
Vehicle registration office:

- Certificate of Approval Part I, Part II, (ZB I, ZB II)
- International registration certificate,
- Registrations and cancellations, environmental

Driving licenses:

- Template for making a
Card driver's license (VHK),
International driving license
- passes
- Certificates, certificates, certificates,
- additional documents
- Hunting and fishing license ect.



SUITABLE PSI PRINTERS FOR PUBLIC ADMINISTRATION



PR9



PP 803



FINANCE



Printing tasks on different forms in finance are:

- passbooks
- checks
- bank statements
- Remittance slip



PASSENGER TRANSPORT



Documents for the transport of persons in the
Regional and long-distance traffic (railway)
Public transport (bus, suburban train), ferry service.

- passenger lists
- tickets



SUITABLE PSI PRINTERS FOR FINANCE



PR9

FOR PASSENGERS TRANSPORT



PR9



PP 803





PRODUKTION



All applications or their printouts in the relevant processes of a running material flow system or production process. From labeling individual production items to special production papers, the PSi Matrix printers accompany the complete flow of materials throughout the entire production cycle. High standards of quality, longevity and ease of use are required. The versatile option options of the PSi product families ensure that all requirements are met. They thus offer ideal application possibilities and, moreover, cost-effective solutions for production processes of all kinds.

Used papers:

- Production papers
- Working accompanying maps
- Weighing cards / cradles
- Marking (tags, labels)
- Palettenkenzeichnung
- Pick lists / assembly lists



SUITABLE PSI PRINTERS FOR PRODUCTION



PP 204



PP 205



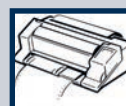
PP 803



PP 806



PP 809



PP 404



PP 405



PP 407



PP 408



OFFICE APPLICATION



Office applications are applications or their printouts of all occurring processes of an ongoing business operation. PSi Matrix printers meet all quality and processability requirements due to the versatile option options of the individual PSi product families and are therefore ideally suited for this. Whether in single-sheet or continuous mode, proper processing of the individual forms is ensured. They are thus not only a cost-effective, but also effective and variable solution.

- travel books
- business letters
- Earnings statements / Remuneration
- correspondence
- information letter
- Email communication
- descriptions
- Contact information
-



SUITABLE PSI PRINTERS IN OFFICE APPLICATION



PP 204



PP 205



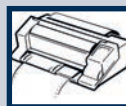
PP 803



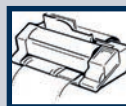
PP 806



PP 809



PP 404



PP 405



PP 407



PP 408

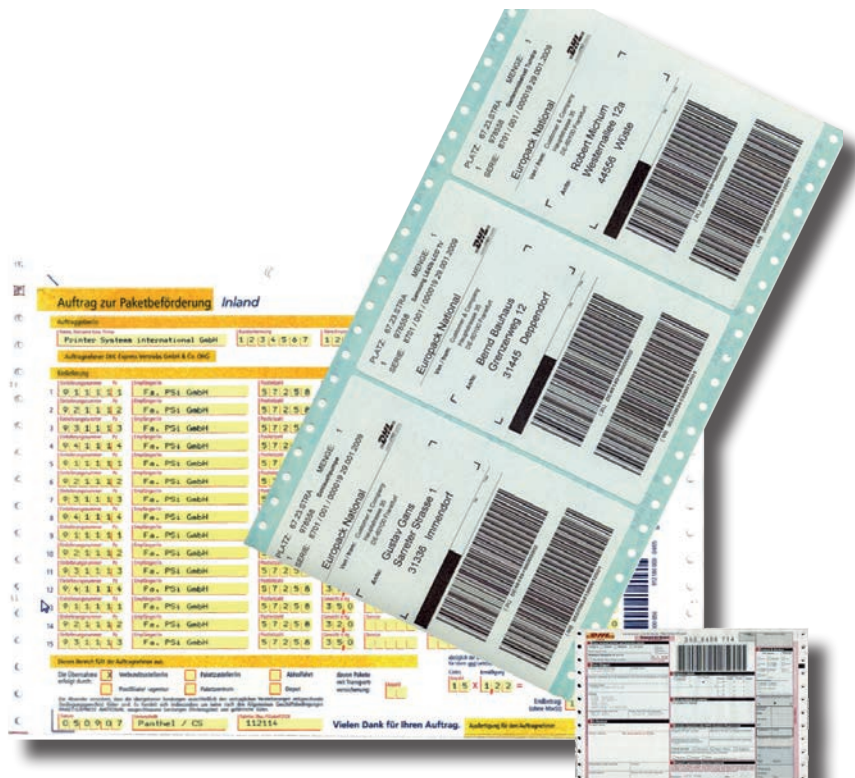


PACKAGE SHIPPERS



Terminzustellung von Waren an Wochentagen meist zu bestimmten Uhrzeiten (8 Uhr, 9 Uhr, 10 Uhr oder 12 Uhr) sowie Samstagszustellungen. Zusätzlich wird der Auslieferservice von Paketen direkt an den Arbeitsplatz des Empfängers angeboten.

- package label
- Shipping documents
- Transaction documents
- collection lists
-



SUITABLE PSI PRINTERS FOR PACKAGE SHIPPERS



PP 204



PP 205



PP 803



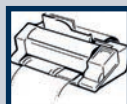
PP 806



PP 809



PP 404



PP 405



PP 407



PP 408

KIOSK SYSTEMS

These are printing systems in self-service weighing of weighing systems for the lime, sand, gravel, waste, fluids, agricultural products ect. The printer is installed in closed housings and can be activated externally by chip cards, key or codes. Document data is then printed (e.g., net / gross data). These documents must be given by controlled separation (cutting) outwardly to the document collection.

Further applications are proof machines in banking or finance.



PP 803 in Kiosk application

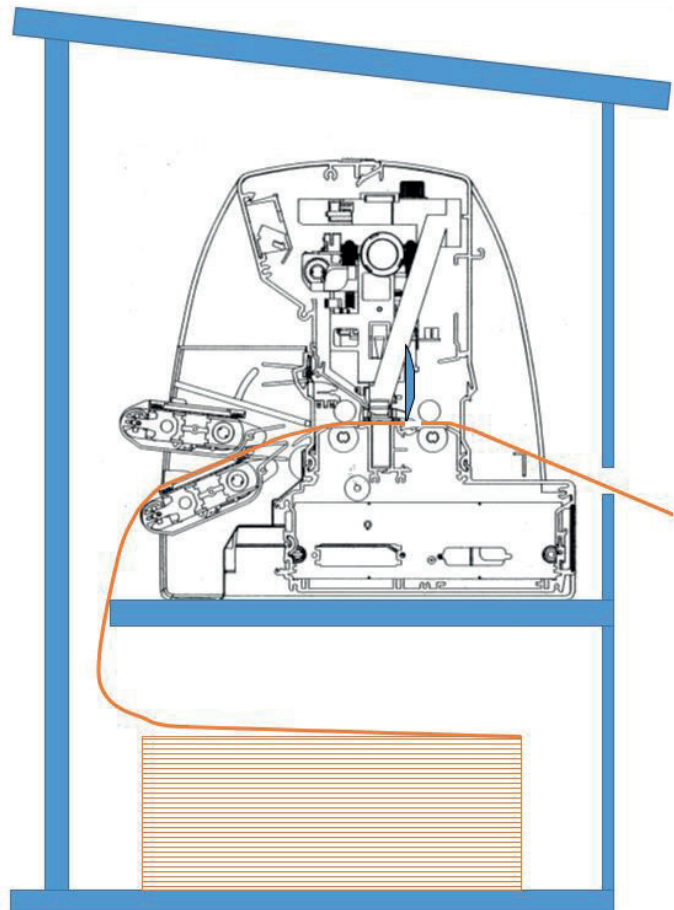


PSi PP 803 PRINTER SOLUTIONS FOR PROFESSIONAL USE IN KIOSK SYSTEMS

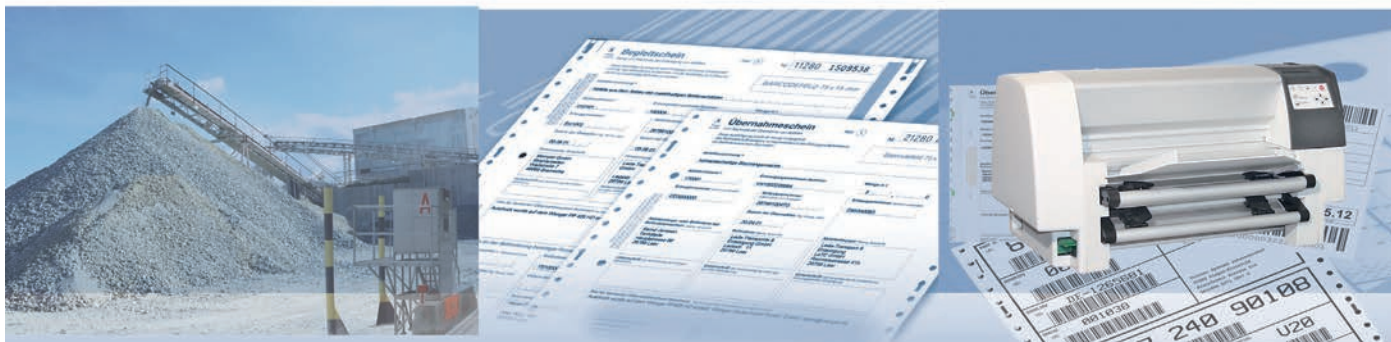
Since these kiosk systems are in unattended operation and are often located hundreds of meters away from the central office, high reliability and stability of the components used is required.

For document printing, not only a high position accuracy is required, these systems are constantly exposed to changing environmental influences, such as temperature fluctuations, humidity or vibration.

The reliable feed and transport of the print media, as well as the paper run monitored in PP 803 by the Intelli-Drive, this guarantees a smooth operation. The exact positioning at the cutting edge and a straight cut prevent the folding over by paper snippets (over / undercutting residues) and thereby simplify an ejection of the single document to the outside.



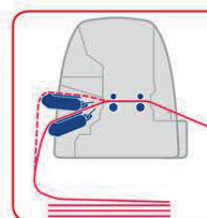
Kiosk applications in weighting operation



Weigh, print, cut receipt and spend



PP 803



Bulg



Cement



Agriculture



Waste



Liquids



Kiosk applications in counter mode (banks / tax offices)



Print on weight systems with user guidance.

As a rule, in this application, the balance itself is 100-200 meters away from the weighing house. When entering the vehicle is weighed empty. The difference from the weighing at the exit is reported to the weighing house. The time until the arrival of the truck at the weighing house is used for the receipt printing. This is controlled by the operator and handed to the driver.





PP 408 in Kiosk application



PSi PP 408 PRINTER SOLUTIONS FOR PROFESSIONAL USE IN KIOSK SYSTEMS

In addition to the PP 803, the PP 408 is always used in kiosk systems when a wide paper format is required.

