

Hannover Exhibition 2007

Hitachi is bringing speed and reliability to Europe



The HMI is an international trade fair representing a broad range of industrial products including process control systems as well as drives & automation technology.

Traceability is an important aspect of process control. To complete its comprehensive product range, Hitachi will present traceability solutions for the first time on the HMI 2007.

Hitachi started the introduction of its Ink Jet Printer (IJP) series on the European markets in 2003, building upon more than 25 years of experience in this field. In Japan, Hitachi's home market, the IJP business had already reached an impressive market share of more than 50 percent.

In only 4 years after introduction to the European markets, Hitachi has established a network of more than 20 distributors covering more than 30 countries across Europe and Africa.

Thanks to its built-in efficiency, reliability and constant performance, Hitachi's IJP series has quickly gained a market share of more than 10 percent in Europe.

Further growth is "in the pipeline", with the PXR-H450W being added to the product family. This latest printer meets the highest demands on continuous high-performance operation.

The PXR-H450W will be shown on the HMI 2007, together with Hitachi's drive and automation solutions underlining the company's commitment to efficiency and continuity. You'll be surprised to see its unrivalled features.

I am looking forward to welcome you at our stand.

Karl-Heinz Weber
IJP Sales Manager

Content:



„Think Orange“ with Hitachi



Nestlé Waters impressed by high speed printer



Printing with high speed and high reliability in Damm Group

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The Hitachi printers of the PX series passed the long-term test with full marks

„Think orange“ with Hitachi

OBO Bettermann solves through 30,000 products uncounted electrical installation tasks with a line of products spanning from a simple clip through complex function maintaining systems up to the OBO B.U.S system. The development started from a metal processing vendor changing to a full liner for building installations totalling an annual turnover of 300 million € worldwide.

After extensive trials of a variety of printing systems from different manufacturers, the company OBO Bettermann decided in favour of the Hitachi inkjet systems from the company Allen Codiergeräte GmbH. For the trials, 5 Hitachi inkjet printing systems from the series PX-D260E resp. PX-D460E were available which passed with full marks. „Think orange“ with Allen Codiergeräte.

More than once around the whole world: Hitachi prints plastic cable ducts

25 years ago, the production of wall and ceiling mounted plastic ducts began. The quantity of

material used annually is almost in the 5 digit tonnes range. At around 20 production lines work is done in 3 shifts. Put behind each other, the ducts would go around the entire world more than once. In the „very fast“ production segment of wall and ceiling mounted ducts, the engineering head for extrusion and mixing remarks: „In the case of the inside imprint the difficulty is such that in spite of the relative large distance between printing

head and bottom of the cable duct, a high quality printed image needs to be produced.“

Simple handling has the workforce enthused

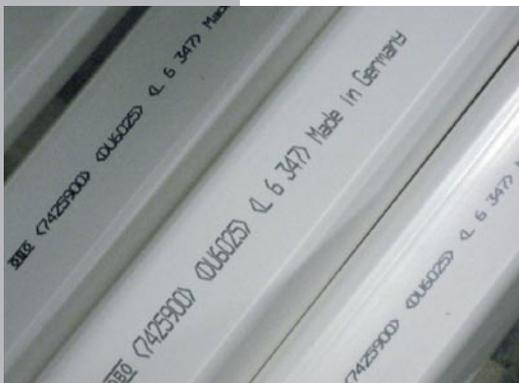
To the numerous different members of the workforce, the high-resolution colour 10.4 inch touchpanel allows for rapid and intuitive operation also simplifying maintenance work. The Hitachi inkjet printing systems passed the trials with flying colours. „The inkjet units from HITACHI have convinced us absolutely in the area of consumption, quality and usability, and also the workforce is much convinced ...“ thus

the statement of the engineering head for extrusion and mixing.

From Würzburg, Germany to New York, USA – conviction also in the production area for metal cable tray systems

From the manufacture of approximately 150 different variations of cable tray systems made of metal, the pretensions regarding flexibility and versatility of the Hitachi inkjet systems become apparent. The markings on the metal cable trays are to be found exclusively on the outside. By using a 12x16 dot matrix, each 3 m long metal profile is marked by two single line codes. The Hitachi inkjet printers came through clearly ahead of the competitors also in the area of ink and solvent consumption. With the solvent quantity used up by the equipment of the competitors within a single day, the economic Hitachi inkjets can run for just under a full week. Putting the annual production of metal cable tray systems in a row, this row would then run from Würzburg, Germany to New York, USA.

The team head of metal cable tray production summarises the successful trials in a single sentence: „The long-term trials were very



interesting since only in the practical application was it possible for us to identify the decisive criteria; the Hitachi inkjet units were for us the only right choice.“ In the meantime, the company OBO Bettermann has in its production facilities for plastic cable ducts 12 inkjet printing systems from Hitachi, with a further 7 units installed in the production facility for metal cable trays.

„The Ink Jet printers from Hitachi have convinced absolutely in the area of consumption, quality and usability.“

*Allen Codiergeräte GmbH,
Germany*

Nestlé Waters France impressed by Hitachi's high-speed PXR H450W printer

The company that delivers the famous table water Perrier, Nestlé Waters France, was impressed by the performance, functionality and support of Hitachi Ink Jet printers.

Mainly the speed of the Hitachi PXR H450W high-speed printer was the winning point for the implementation in the Vergéze plant.

Performance

The bottles are printed with a 5x7 matrix in 3 lines with a total throughput of 60.000 bottles per hour.



Functionality

The specifications were fully satisfied:

- Userfriendly control by TFT touchscreen, with optimal contrast and readability
- conformity with RoHS environmental standards (reduction of hazardous materials)

Support

Nestlé Waters France decision for Hitachi printers was made last but not least based on

the low solvent consumption, the innovative technology, the fast service and the excellent consultancy.

*Timis,
France*

Printing with high speed and high reliability in Damm Group

Damm is one of the oldest beer manufacturer in Spain, with more than 130 years of history.

During the last years, Damm Group has increased its business activity buying Veri Mineral Water, Fuente Liviana Mineral Water and part of Granini.

Some brands manufactured by Damm are very popular like Estrella Dorada, Estrella de Levante, Keler, Voll Damm, Skoll or the famous Budweiser, worldwide sales leader.

One year ago Damm decided to confide in Hitachi printers to code his beer cans, buying two PXR-H450W printers, the fastest ink jet in the market.

The decision process was not easy. To change ink jet supplier must to be done after a long industrial trial, where Damm would measure exhaustively the three most valued parameters for Damm:

1. Reliability.
2. Consumption.
3. Service.

After more than one and a half month the Damm technical team could evaluate the results of this trial, proving that the reliability of Hitachi printer surpassed the expectations, and ink and make up consumption was under the calculated quantities, less than 3 ml/h of make up.

Respecting to Trébol group service, it could not be evaluated by Damm yet, except during the installation and during the periodic maintenance (filter exchange) because both printers have worked perfectly without any kind of incidences.



Today Damm has the third printer coding 6 bottles packs

*Trebol Group,
Spain*



Nestlé Waters was impressed by the performance, functionality and support of Hitachi Ink Jet printers



After the one and a half months of evaluation, the reliability of Hitachi printers surpassed the expectations

Exhibitions 2007

Date	Exhibition	Location	Booth
27.-30.03.	Amper 2007	CZ-Praha	
02.-06.04.	Packukraina	UK-Kiev	
04.-05.04.	Empack 2007	NL-s'Hertogenbosch	
16.-20.04.	HMI 2007	D-Hannover	14/L37
19.-22.04.	Food & Drink Exhibition	ZY-Nicosia	
25.-26.04.	Empack Rhone-Alpes	F-Lyon	
09.-15.05.	A.Pack	A-Salzburg	1/306
15.-18.05.	Total Packaging	GB-Birmingham	
22.-25.05.	Embax Print	CZ-Brno	
04.-14.06.	Cosmetic Business	D-München	

Date	Exhibition	Location	Booth
19.-22.09.	Packtech Expo Balkan	SR-Beograd	
24.-27.09.	MOTEK	D-Stuttgart	
25.-27.09.	FachPack	D-Nürnberg	
02.-04.10.	Conxemar	E-Vigo	
02.-04.10.	P-mec	I-Milano	16/B07
17.-20.10.	CIBUS-TEC	I-Parma	
24.-31.10.	K2007	D-Düsseldorf	8b/E83
13.-16.11.	Europack	F-Lyon	
13.-17.11.	SIMEI	I-Milano	
27.-29.11.	SITEVI	F-Montpellier	

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European Distribution and Service Network

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Baltic states



Forintek-Baltija
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Belarus



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Internet: www.timis.fr

Germany



Codiergeräte GmbH
Allen Codiergeräte GmbH
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Greece



Geopack Ltd.
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Hungary



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Poland



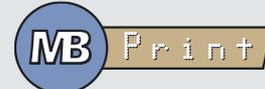
Hitmark Sp. z o.o.
Internet: www.hitmark.pl

Russia



Forintek
Internet: www.forintek.ru
www.hitachi-forintek.ru

Serbia and Montenegro



MB Print
Internet: www.mbprint.co.yu

Spain and Portugal



Trebol group company
Trebol Group Company
HI-Jet
Internet: www.trebolgroup.com

Sweden



All-print AB
Internet: www.all-print.se

Turkey



Altar Endüstri Ürünleri
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