



INNOVATION WITH PASSION

victorycommunication.it

**OMET srl**

Via Caduti Lecchesi a Fossoli, 22  
23900 Lecco, ITALY  
Tel. +39 0341 282661  
Fax +39 0341 363731  
www.printing.omet.com



**OMET WORLDWIDE**



**OMET Americas Inc**

1291 Brummel Ave  
Elk Grove Village, IL 60007 USA  
Tel. +1 847 621 2369  
service@ometamericasinc.com  
www.ometamericasinc.com

**OMET Ibérica I&C S.I.**

Calle Provenza, 196  
08036 Barcellona - SPAIN  
Tel. +34 66 9789946  
Fax +34 93 4907740  
ometiberica@terra.es

**OMET (Suzhou) Mechanical Co Ltd**

N.255 Quande Rd, Economic Development Zone  
215200 Wujiang City (Jiangsu) , Cina  
Tel. +86 512 63033668  
admin@omet.cn  
www.omet.cn

**OMET** Packaging Printing is located in Lecco, Italy, 50 kilometers north of Milan in a 3,000 square meters area, of which 2,000 square meters dedicated to production. The product portfolio of this business unit includes: narrow and mid web machines /or labels and packaging printing characterized by operational flexibility, efficiency on any job run, versatility on materials and personalized configurations to respond to any customer's request. Besides machines, **OMET** offers complimentary services including ancillary equipment, consultancy and accurate pre and post-sales service programs.



twitter.com/OMETSrl   
facebook.com/OMETSrl   
it.linkedin.com/company/OMETSrl   
www.youtube.com/user/OMETcompany



WHEN DIGITAL MEETS FLEXO



# HYBRID PRINTING SOLUTION

## TOTAL LABEL & PACKAGING PRINTING SOLUTION

**OMET XJET printing press is the extraordinary result of the combination between the renowned OMET flexo quality and DURST digital inkjet printing technology.**

This union has realized the perfect hybrid solution able to provide the maximum level of productivity independently from the length of the run.

Nobody but the printer decides whether to use flexo or digital, or both of them, according to daily label production and brand's requests, thus **choosing the most convenient technology at every run.**

**OMET XJET offers an innovative solution able to extend label printer's productivity and erase unnecessary costs.**

It is the only label press with in-line multi-process configuration, combining DURST Inkjet technology with OMET flexo units, plus exclusive finishing and converting units to obtain the final product always in one single passage.

**OMET XJET is able to merge all the advantages of the two printing technologies in one single press.** It widens significantly the range of printing opportunities, adapting the production to changeable market trends like personalization, just-in-time deliveries and final product valorization.

## IN-LINE MULTI-PROCESS CONFIGURATION



### ADAPTABILITY

#### 3 PRESSES IN 1

Get the final product in one single passage  
Combine digital, flexo, finishing and converting modules as you wish  
Unlimited flexibility in terms of substrates and range of applications



### PRODUCTIVITY

#### INCREASE YOUR PRODUCTION BY CUTTING COSTS

Get faster ROI with no down-time  
Choose the most suitable printing process at every run  
Optimize production time and costs



### CUSTOMIZATION

#### READY TO MEET ANY NEED

Fulfill just-in-time deliveries and test orders  
Product versioning and variable data printing  
Add strategic value to the final product



### TECHNOLOGY

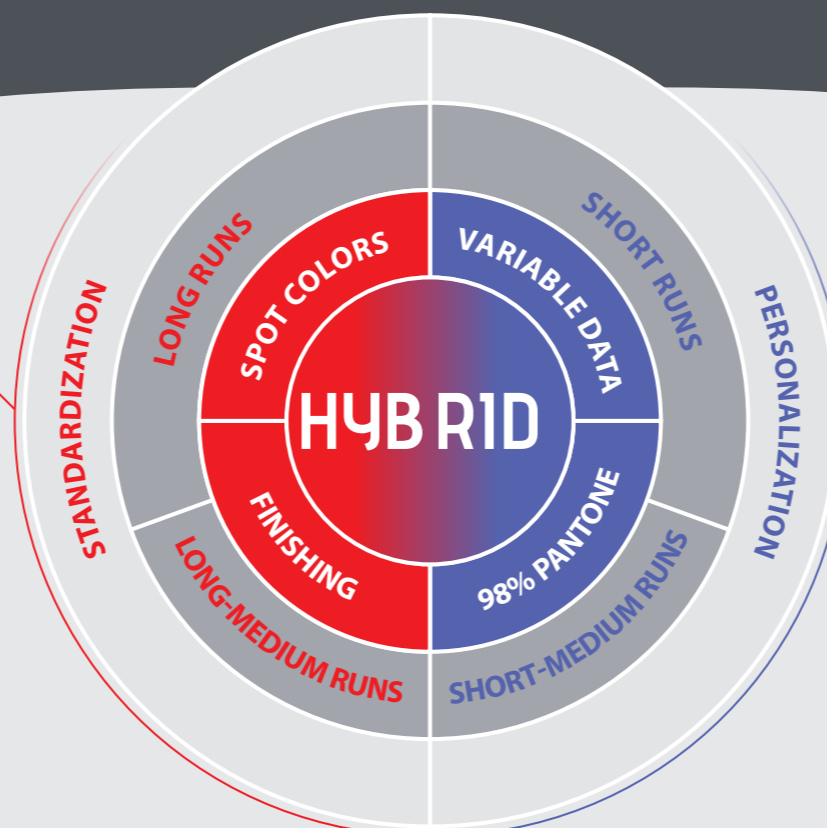
#### MADE IN ITALY LEADING INNOVATIONS

The best flexo technology by OMET  
DURST digital printing expertise and leadership  
The reliability of a complete Made in Italy solution

## FLEXO



## DIGITAL



# HYBRID PRINTING SOLUTION



**Flexo Unit**

OMET Flexo Direct-Drive technology and gearless concept eliminate even the smallest imperfection and allow the press to reach the purest quality with no backlash and perfect register stability, at every speed and with any kind of substrate.



**Monotwin Cut**

The unique format-free flexible die-cutting unit by OMET, which works with one magnetic cylinder for all label shapes and dimensions and minimizes operational costs and changeover time, thanks to a fully automatic pre-register and register control.



**Rock'n'roll Dual Function**

High-efficiency stripping unit suitable for any kind of label shape. Thanks to its double operational capability, it is able to work either as tower-style or contact-style stripping station, guaranteeing smooth die-cutting operations even at high speeds and with all kind of materials.



**Automatic Print Registration**

Thanks to the Vision 1 automatic register adjustment and the automatic register control, flexo and digital units are always in perfect registration, working as a unique printing machine.



**Digital Inkjet**

Tau 330 Series is a high-performance digital UV inkjet printing platform with a print width of 330 mm (13") and a printing speed of up to 78 running meters per minute (255.10 ft/min). The maximum production capacity corresponds to 1,485 m<sup>2</sup> per hour at a print resolution of 1,200 x 1,200 dpi. It can feature from 4 to 8 colors (CMYK + W + OVG) using highly pigmented or low-migration inks and achieve outstanding print quality covering up to 98% of the Pantone color space.



**Digital Workflow**

The comprehensive solution covers all processes from data management to output on the printer and reporting. Access to the software is browser-based and can be managed from mobile devices without any additional installation.

# FLEXO

Thanks to its **top-class printing system**, OMET XFlex X6 is able to produce from the simplest to the most complex and creative label on a wide range of substrates. Its **unique multi-process technology** makes it the most versatile printing press on the market, able to satisfy any printer's need by offering a **wide range of in-line additional units for printing, high-end finishing and converting**.

XFlex X6	
Max. speed	Up to 200 m/min
Printing width	340 mm - 430 mm - 530 mm
Printing repeat	12" - 25" (10" optional)
Flexo Print Technology	Direct Drive - Sleeves
Register adjustment and control	Automatic
Drying systems	Hot air - UV - UV LED

Available Die-Cutting Units	
Double die-cutting station	12"-25"
TWIST die-cutting unit	12"-25"
Monotwin Cut	12"-20"

**Cold foil & Lamination**



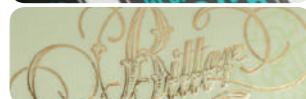
**Embossing**



**Varnishing**



**Hot foil**



**Peel&Seal**



**Delam-Relam**



# HYBRID PRINTING SOLUTION

## Upstream & downstream operations

PRIMERING
SOLID PRINTING
SPOT COLORS
ADDED VALUE

## Multi-process technology

FINISHING
CONVERTING
SLITTING

## Integrated automation

SERVO DIRECT-DRIVE
VISION 1
AUTOMATIC REGISTER ADJUSTMENT
AUTOMATIC REGISTER CONTROL

## Offset-like printing quality

MAX RESOLUTION 1200X1200
1PT FONT PRINTING CAPABILITY
INTERCOLOR LED PINNING

## High performance

HIGH SPEED AT FULL COLOR
IMPROVED DATA TRANSMISSION
24/7 OPERATION

## Low maintenance

NOZZLE COMPENSATION
CONTINUOUS INK CIRCULATIONS
AUTOMATIC WET MAINTENANCE CYCLE
PURGE CLEANING CYCLE



# DIGITAL

The possibilities of digital technology are practically limitless and offer enormous potential for new products and services in a constant changing and demanding market. **The Tau Series offer a versatile, adjustable and configurable system**, which can be individually adapted to customer needs to print more quickly, more efficiently and with optimum quality results on a wide variety of materials.

Tau 330 RSC	
Max. speed	78 m/min 52 m/min (white under)x
Print width	330 mm (13")
Print head	Dimatix Samba G3L
Native resolution	1200 x 1200 dpi
Visual resolution	2400 x 2400 dpi
N° of Colors	CMYK + W, O, V, G (optional)
Inks	High-performance UV inkjet
Drop size	2-6 pl

Tau 330	
Max. speed	48 m/min 40 m/min (High Definition)
Print width	330 mm (13")
Print head	XAAR 1003
Print resolution	720 x 360 dpi 720 x 1260 dpi (High Definition)
N° of Colors	CMYK + W, O, V (optional)
Inks	Standard or Low Migration UV
Drop size	2-6 pl

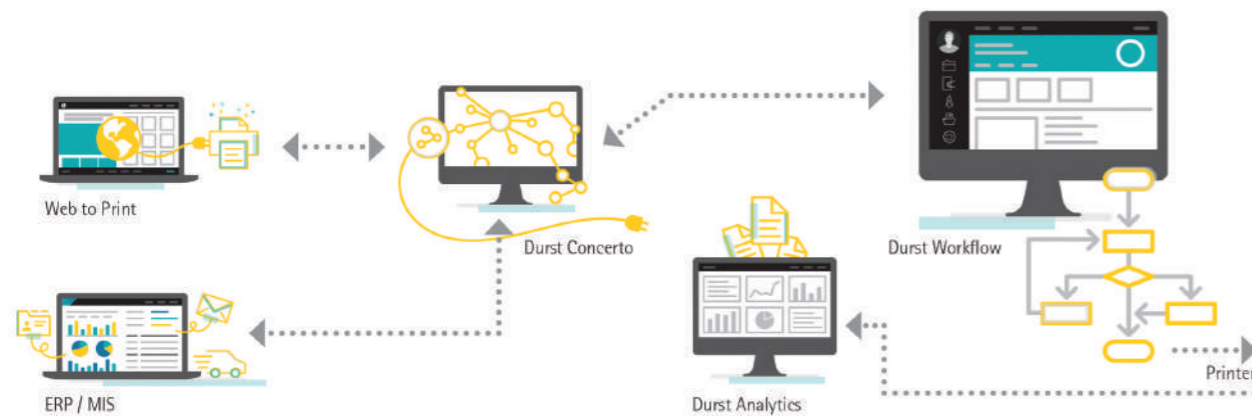
Tau 330E	
Max. speed	48 m/min 40 m/min (High Definition)
Print width	330 mm (13")
Print head	XAAR 1003
Print resolution	720 x 360 dpi 720 x 1260 dpi (High Definition)
N° of Colors	CMYK + White (optional)
Inks	Standard or High pigmented UV
Drop size	2-6 pl

# XJET DIGITAL WORKFLOW

The XJet hybrid press is powered by Durst Workflow: the perfect guide for a fast and smooth printing process, from print data preparation to final printed product and even more.

This system can be extended at any time with a range of modules for variable data printing, ink consumption calculation, high-speed RIP, grid charts and color book compilation and much more.

The Durst Concerto communication server permits the integration of external MIS/ERP systems as well as web-to-print portals.



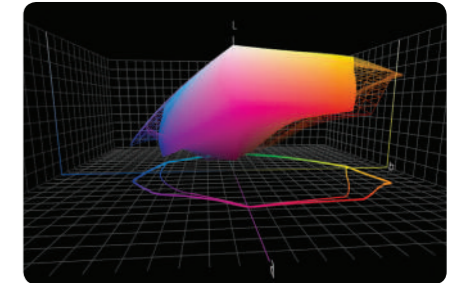
Color	Liter / 1000	€ / 1000	€ / m <sup>2</sup>
Cyan	21.4%	0.05530373	2.37806
Magenta	26.1%	0.07234580	3.15387
Yellow	54.0%	0.18638600	8.01460
Black	18.6%	0.05825988	2.50517
Ink Cost (1000)		0.37229541	16.05170
Total Costs of 1 Copies		0.00037330	0.01605

## Precise ink cost analysis

Durst Workflow is a user workplace solution for precise calculation of ink consumption as soon as a print job has been created. This permits to know in advance the cost of every job and optimize ink consumption.

## Automatic data preparation

Preparing the print data is quick and easy. Automatic options such as mapping and re-naming spot colors, producing cutting lines based on a defined shape, allowing for tonal corrections or giving areas a white background, can be applied easily to the print file. No additional graphics program is needed to open the file, thus saving time and boosting productivity. The customer's original data are always preserved and can be restored again if necessary.



## Production check-up and analysis

The new Durst Analytics provides users with a comprehensive solution for central monitoring of many printing systems. A user-friendly interface with personalized dashboards provides displays real-time information about the machine status including all current production parameters.



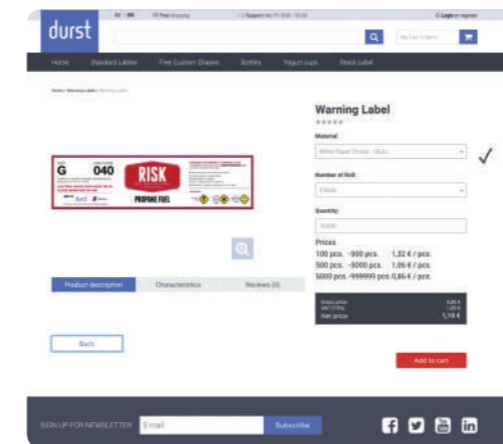
Durst Workflow Label  
Variable Data Printing



Variable Text and Images  
Variable Barcodes and Colors  
Printed with Tau 330 RSC  
1200x1200 dpi at 78m/min

## Variable data printing

Adobe illustrator plug-ins make it easy to add variable elements such as text, bar codes, images or colors to a print job. When creating a variable element as serial number, it is even possible to manage it without database. Variable text can be made up of one or several colors and can also be aligned to any required shape.



## Web to Print

Durst Web-to-Print is a commercial web portal that connects your customer directly to the printing press, where he can create and assess his order by himself. The system generates new customer jobs automatically, checks and prepares the print data and sends them directly to the printing press. Durst Concerto ensures the perfect integration between Durst Web-to-Print and Durst Workflow system, creating a powerful tool to control the online market and give your company a real competitive advantage.

# PRODUCTS & APPLICATIONS



A fully hybrid printing press gives you the opportunity to extend your product portfolio as much as you want. Your imagination and intuition will drive your business to a new level thanks to the flexibility and the reliability of the OMET XJet hybrid solution.

## TARGET MARKETS

WINE & SPIRITS

FOOD & BEVERAGE

HOUSEHOLD

INDUSTRIAL

HEALTHCARE

COSMETICS



## PRINTABLE MATERIALS

- PAPER AND FILM FACE STOCK
- UNSUPPORTED PAPER
- UNSUPPORTED FILM
- LIGHT CARTON
- ALUMINUM
- LAMINATES

# SERVICE & CUSTOMER CARE

## OMET & Durst.

### Teamwork makes dreams work.

We stand together for the efficiency of your system assuring all the necessary support before and after commissioning. Our well-trained technical personnel is happy to help you whenever you need and share with you their 360° knowledge of the machine. You can rely on a worldwide network of service available 24/7 to support you through remote diagnostic, telephone assistance and spare parts delivery.

Through the exclusive OMET "Customer 1st" service program, clients are provided with special service packages and after-sales contracts including priority phone support, preventive maintenance, spare parts discounts, and training.

