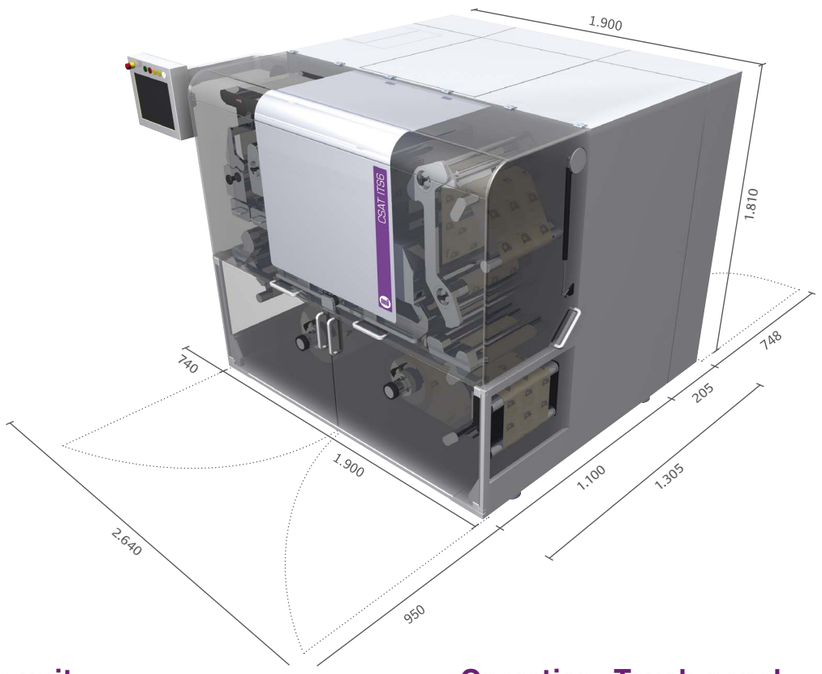
CSAT ITS6 - Specifications



Printing unit

- Print technology: UV DOD inkjet (piezo technology)
- Print width: 210 mm (8.27 in)
- Colors: 4 primary colors (CMYK)
- Physical print resolution: 600 x 600 dpi
- Ink drying: UV-LED
- Cleaning: Automatic printhead cleaning
- Print speed: Max. 48 m/min (157.48 ft/min)

Substrates

- Material / surface: Continuous or pre-die cut label material made of paper or plastic/ aluminum/ composite foils
- Width: Max. 220 mm (8.66 in)

Operation: Touch panel

- Data formats: PDF and TIFF image files are supported
- Data management: Job selections and specific settings are entered directly on the touchscreen

Dimensions of printing unit (L x W x H)

- 1,900 mm x 1,305 mm x 1,810 mm (74.80 x 51.38 x 71.26 in)
- Length with monitor arm: 2,640 mm (103.94 in)

Options

- Color line scan camera to check images, codes, and text
- Corona treatment
- Antistatic bars (winding and unwinding sides)
- External rewinder and unwinder
- Digital front end (DFE) incl. workflow and color management

We reserve the right to amend the design and/or specifications of our products without notice.

Markem-Imaje CSAT GmbH
Daimlerstraße 32
76344 Eggenstein-Leo.
GERMANY

Tel: +49 721 973 15 0
csat.markem-imaje.com

markem·imaje
a DOVER company
CSAT

To learn more, visit csat.markem-imaje.com

Photos: Al Karevy Photography
B1

CSAT ITS6 | MODULAR. DYNAMIC. EFFICIENT.

Digital printing system for labels and flexible packaging

From imprinting simple barcodes to full-area printing of high-quality labels

CSAT ITS6 prints the widest possible range of materials. Its print quality sets new standards in DOD inkjet printing and its speed easily matches that of surrounding production processes.

CSAT ITS6 combines the benefits of digital printing – such as flexibility, variability, as well as the option of integrating into existing production and process controls – with excellent cost-efficiencies for short and medium runs.

The particular strengths of CSAT ITS6 include its straightforward and reliable operation. Most maintenance processes – such as cleaning printheads – are fully automatic. The machine is fully encapsulated and meets even the strict quality assurance standards of the life science industry.

Experience and innovation. CSAT ITS6 printing systems benefit from the experience of Markem-Imaje CSAT, its understanding of the true meaning of quality, and the innovative energy of the company's fledgling digital division. When developing its printing systems, Markem-Imaje CSAT makes a point of entering into close dialog with users from an early stage. This delivers adaptable digital printing systems that are ideally equipped for the markets' long-term requirements.

Redefine the possible℠

markem·imaje
a DOVER company
CSAT

CSAT ITS6

CSAT ITS6

High resolution and speed

Physical resolution in CMYK:
600 x 600 dpi

Print speed up to 48 m/min
(157.48 ft/min)

Coordinated with the substrate

Substrate-optimized inks for versatile direct printing

Easy ink changes without interrupting printing

Integrated surface optimization: Web cleaning and Corona

Pin/Final Curing via UV LED

Optimized processes

Start/stop technology: Printing with no gaps or material losses

Encapsulated machine for added safety and protection against dust

100% print inspection (optional)

Easy operation

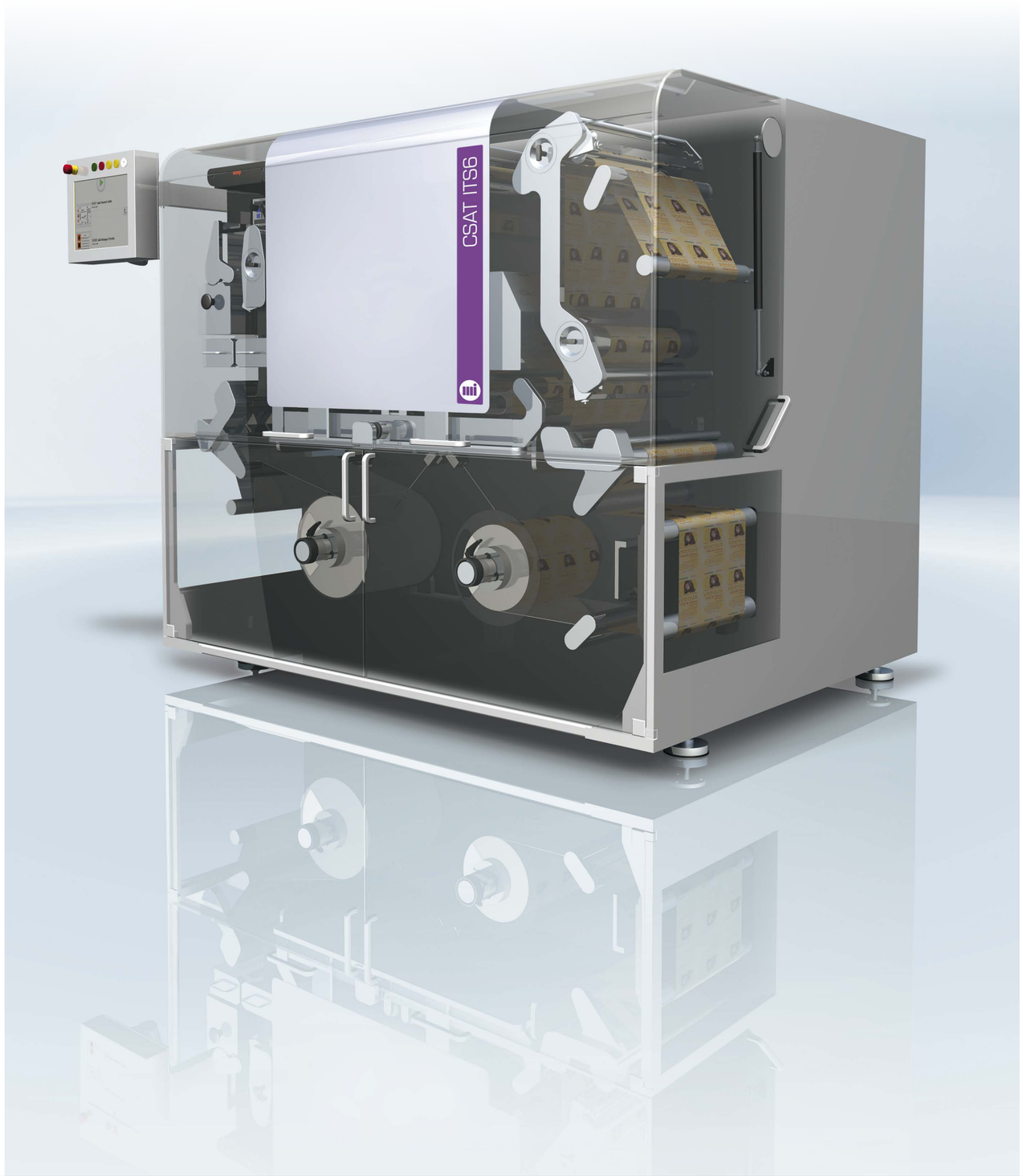
Straightforward operation thanks to large touchscreen

Automatic cleaning of printheads

Compact and powerful

Small footprint

Reel diameter: 600 mm (23.62 in)



A matter of principle: Cooperative, transparent

CSAT ITS6 is series produced, but each system is also made to measure and individually equipped for its specific use. When configuring your CSAT system, we work closely with you and take into account your specific printing system requirements. As a result, you get exactly what you need – nothing more, nothing less, and nothing different.

If needed, Markem-Imaje CSAT can also develop an appropriate workflow solution for you and, if necessary, integrate it into your production process. The same applies to connecting the press to your production line.

Markem-Imaje CSAT modular portfolio covers everything from equipping your machine and integrating it into your production environment to a full range of services.

We focus on ensuring transparency and dialog with our customers. As a result, you know from the outset which services you need or are useful and which are not. You have a complete overview of all the options and can weigh up the best cost-benefit ratio for your company. You decide which equipment and services to choose.

The printing system

CSAT ITS6 is a flexible all-rounder that prints all the usual label materials along with a number of more unusual ones – from paper and plastic/metal foils to specific material combinations. It also processes substrates that are pre-printed, coated, or have other kind of surface finishing.

The standard configuration of CSAT ITS6 systems includes a web cleaning system designed to optimize the surfaces of the material to be printed. Corona is readily available to provide enhanced surface conditions for unique substrates.

Premium print results are ensured by the high performance printheads with advanced DOD UV inkjet technology. Other benefits of CSAT ITS6 include contactless printing and LED UV pin and final curing process. Intermediate drying adds to the already consistently high quality of the print images.

The UV inks used are perfectly coordinated with the material to be printed and the intended use, which ensures a visually perfect and durable print image for numerous applications.

The printing system is either supplied as a standalone machine or can be connected directly to the production line – depending on the most expedient and efficient solution for your workflows.

A large touchscreen is used to operate the printing system and manage the print jobs. Its clearly arranged user interface ensures straightforward, user-friendly operation.

All CSAT ITS6 systems benefit from powerful control software that makes for easy print job management and can be incorporated into your company's ERP system in whole or in part.

CSAT ITS6 meets the highest quality standards. The printing system is designed in line with the latest GAMP, cGMP, and FDA regulations, which also makes it suitable for chemical and life science applications.

CSAT ITS6 optimizes your production and packaging processes.