

S 7 Range

Small character
ink-jet printing

S7 Supra

Offers twice as much



S7 Supra

- 4 lines (single-jet) to 8 lines (bi-jet) of variable characters
- Printing speed up to 5.5 m/s
- Design and printing of logos
- Wide choice of bar-codes
- Data Matrix code
- Up to 15 independent or linked counters
- Up to 6 postdates
- RS-232 or RS-422 serial connection for remote operation
- Parallel interface for message selection, plus other inputs/outputs
- "CurvePrint" mode

4

plug-and-play packs

- Single-jet or bi-jet heads
- Standard-height characters (G head) or small characters (M head)

Image
coding
solutions



A DOVER COMPANY

S7 Range

S7 Supra

*Single-jet or bi-jet,
stand-alone or
networked, S7 Supra gives
you maximum versatility.*

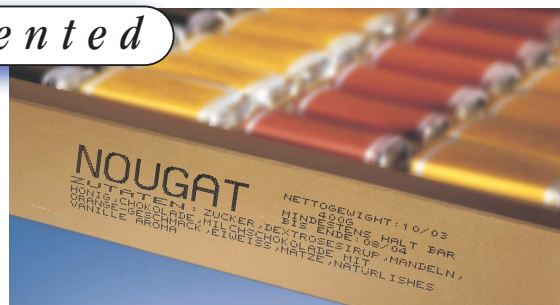


S7 Supra

Super-talented

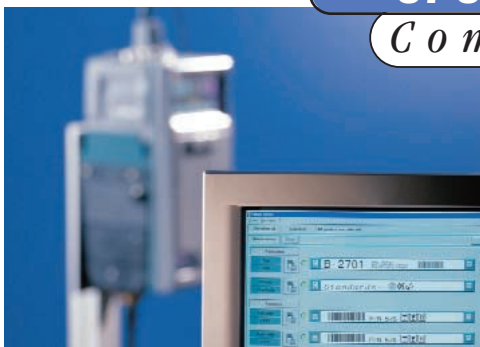
Equipped with a bi-jet head, S7 Supra allows you the choice of doubling the printing speed or doubling the number of message lines...
enhanced productivity is assured.

- Prints 4 lines of variable information in single-jet configuration, 8 lines in bi-jet configuration.
- Printing speed up to 5.5 m/s.
- Variable text, date, postdates or "best before" dates, time, and automatic counters.
- Design and printing of logos.
- Wide choice of bar-codes: Interleaved 2 of 5, Code 39, Code 128, EAN 128, EAN 13, EAN 8, UPCA, and UPCE.
- Data Matrix 2D code.
- Choice of two heads (G or M) for either standard-height or small character marking.
- Possibility of high-precision positioning (dot-to-dot) of lines within a matrix for greater flexibility in designing and positioning messages.



S7 Supra

Communicative



Stand-alone or networked, **communicating with S7 Supra is fast and easy.**

- Push-button start-up and shutdown.
- Fixed operator interface, with function keys identified by universal pictograms.
- Hand-held programming terminal for the line manager, with scroll-down menus and WYSIWYG (What You See Is What You Get) message display.
- Interfaces available in over 20 Western, Middle Eastern and Asian languages.
- Computer-driven operation thanks to an RS-232 or RS-422 interface.
- External message selection by parallel interface.
- Extra inputs/outputs for interconnection with other production equipment.

S7 Supra

Discreet

Twice as compact as other printers on the market, S7 Supra is a **real space-saver** and integrates easily into any production line.

- Height: 512 mm
- Width: 236 mm
- Length: 215 mm



- Also, the removable connection cassette – incorporating all the connections required for installation – makes it easy to move the printer from one production line to another... availability and productivity are optimized.



S7 Supra

Dependable

Thanks to its automatic ink-concentration and jet-speed control systems, S7 Supra provides **constant adhesion and perfect contrast**, in all conditions... for the highest quality every time.

- Unique, patented ink-concentration system that automatically adds ink or additive as needed.
- The constant, automatic ink-pressure adjustment in the hydraulic circuit means jet speed stays constant whatever the temperature variations.
- Better printing resolution thanks to the "CurvePrint" fonts (round shape characters).



S7 Supra

Easy going



Modular design and automated procedures make S7 Supra **very easy to use and maintain**...servicing is minimized, reliability maximized.

- Both ink and additive come in sealed cartridges, for clean, quick and easy handling.
- Two cartridge sizes are available to suit the requirements and constraints of any type of production.
- Automatic nozzle clearing procedures, and service help menus.
- Fully automatic rinsing, without handling.
- Designed in seven modules, replaceable by simple exchange to minimize servicing time.



S7 Supra

Well built

Leading-edge technology **increases durability**.

- All vital printhead parts are molded to eliminate maladjustment.
- The umbilical linking the head to the printer is compound-filled for flexibility and crush-resistance.
- Highly reliable electronic SMC (surface mounted components) board.
- Cast modules with high-resistance epoxy coating.



Printing capabilities

- Single-jet or bi-jet printhead allows up to 8 lines of information (4 lines per jet).
- Character heights: 5 dots, 7 dots, 9 dots, 11 dots, 16 dots and 24 dots.
- Character sets: Latin, Arabic, Hebrew, Greek, Cyrillic, Chinese, Japanese and Korean.
- Prints date, postdates (up to 6 different dates), time, shift codes, automatic numbering (15 independent or linked counters) and logos.
- Bar-codes: Interleaved 2 of 5, Code 39, Code 128, EAN 128, EAN 13, EAN 8, UPCA, UPCE.
- Data Matrix 2D code.
- Printing of "CurvePrint" fonts (option).

Operation

- Automatic start-up and shutdown.
- Operator interface: 128 x 32-pixel screen, menu keys and LED indicators.
- Hand-held programming terminal: 240 x 128-pixel screen, WYSIWYG message display and scroll-down menus.
- Up to 880 messages in memory.
- Logo design on the programming terminal.
- Languages available for operator/machine interface: English, French, Italian, German, Spanish, Portuguese (standard and Brazilian), Dutch, Swedish, Danish, Norwegian, Hungarian, Czech, Polish, Russian, Arabic, Hebrew, Japanese (Katakana), Chinese, Korean and Thai.
- RS-232 or RS-422 serial connection, parallel interface for message selection, plus other inputs/outputs.

Ink circuit

- Auto-diagnosis service help menu.
- Ink-concentration and jet-speed control systems.
- Automatic rinsing and flushing.
- Automatic nozzle clearing.
- Ink and additive in sealed cartridges: 0.42 or 0.8 liter options.

Other characteristics

- Weight: 8.3 kg.
- Temperature range: 5°C to 45°C.
- Elevation difference between head and machine: -1.5 m/+2 m.
- Humidity: 10% to 90% without condensation.
- Electrical power supply: 110V (+/-20%), 220V (+/-20%), with automatic switching.
- Power: 50VA, at frequencies from 45 Hz to 65 Hz.
- Protection: IP 54.

Full range of accessories

Head pressurization kit, product sensor, encoders, alarms, head and printer brackets, etc.

Head type	G (standard-height characters)	M (small characters)
Speed at nominal resolution	5.5 m/s	3.7 m/s
Character height	1.8 mm to 8.7 mm	1.2 mm to 5.3 mm
Nominal resolution	2.8 dots/mm	4.5 dots/mm

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



The Quality Management System of the factory where this equipment was manufactured has been certified ISO 9001/ISO 14001.



Imaje

A DOVER COMPANY

Imaje S.A.

Head office,
9, rue Gaspard Monge,
BP 110,
26501 Bourg-lès-Valence Cedex
France
Tel.: (33) 4 75 75 55 00
Fax: (33) 4 75 82 98 10
<http://www.imaje.com>

You make it, we mark it.