



### STANDARD FUNCTIONS

- Continuous ink jet printing
- Easy one button start-up and shutdown
- Auto-Flush Nozzle Function at shutdown
- Nozzle Clearing Functions
- Easy user friendly interface
- Remote PC control of 1 or several printers
- Airless diaphragm pump driven fluid system
- Automatic viscosity control
- Multiple language capable
- Reverse or inverted printing
- Shift codes, expiration date, counters & more
- 2D Matrix/Barcode, Logo and graphics printing  
Generate logos easily in Paint Brush®
- 2 serial numbers may be run simultaneously
- User defined fonts - flexibility in printing
- Large memory volume - 1000+ message storage
- Memory may be expanded with USB drive
- Download & Upload messages & logos via USB drive
- Non-stop operation during fluid replenishment
- Fault and warning display
- Positive air adaptable for extreme environments

### DATA COMMUNICATION

- Encoder connector
- USB connector
- NPN/PNP product detector connector
- RS485 data connector

### PRINT CAPABILITY

- Print 1 - 4 lines of text
- Single Line, 66um (5x5) - 1524 characters per second
- Twin Line, 53um (5x5) Up to 160 mpm / 525 fpm
- Message height 1.5 - 15mm
- Bold message up to 9x
- Variety of nozzles available:  
53u nozzle: high speed print up to 4 lines - S480-HS  
66u nozzle standard print up to 4 lines - S480  
66u nozzle pigmented print up to 4 lines - S480-P
- Standard fonts: 5\*5, 5\*7, 7\*9, 10\*16, 10\*12, 16\*24

### POWER SUPPLY

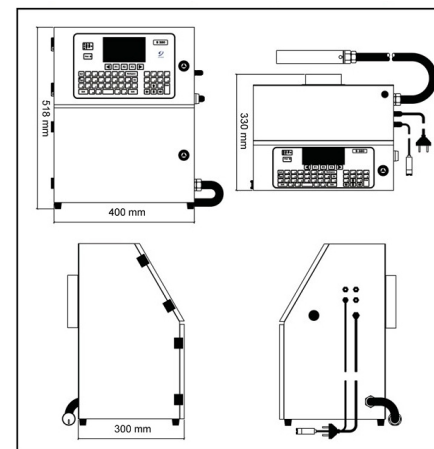
- 85-260V / 50-60HZ

### CONSUMABLES

- Unique hydraulic system design provides for one of the industries lowest make-up/ink consumption rates
- Make-Up Consumption (20C)  
4.5 ml/h Make-Up Consumption - 66um  
4.2 ml/h Make-Up Consumption - 53um
- Ink Consumption: (5x5, 1 line, per Liter)  
126 Million Characters - 66um  
151 Million Characters - 53um
- Variety of dye and color pigmented inks available

### WORKING CONDITIONS

- 4-45C / 41-113F
- Working humidity 30-90% non-condensing

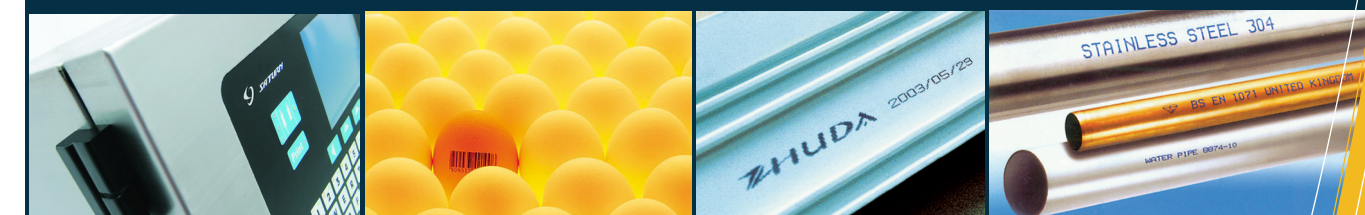


**S480 Class**  
S480 · S480P · S480HS



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### INNOVATIVE PUMP DESIGN

RELIABLE AND TOUGH, OUR AIRLESS HYDRAULIC SYSTEM USES A DIAPHRAGM PUMP WHICH MEANS YEARS OF MAINTENANCE FREE ISSUES VS. GEAR DRIVEN PUMP DESIGNS AND IS CLEANER AND LESS TROUBLESOME THAN PLANT AIR DRIVEN SYSTEMS.

THE PUMP DESIGN IN THE S480 CLASS OF PRINTERS GUARANTEES A CLEAN INK SYSTEM AND LOW USAGE OF MAKE-UP COMPARED TO OTHER OEM'S.



## Technology at work for you

HELPING COMPANIES MAKE THEIR MARK...AROUND THE WORLD!

The S480 Class of printers are an extraordinarily reliable, cost effective, versatile and easy to use line of industrial small character ink jet printers. The S480 Class provides a new level of reliability with its automatic nozzle flush function, industrial IP54 rated, stainless steel design and long lasting, maintenance free airless driven diaphragm pump.

Whether you need to print fixed or variable data, 2D Matrix/Barcodes, expiration dates, alpha-numeric text,

logos or other graphics onto rigid, flexible, irregular shaped, porous or nonporous substrates, the S480 Class of printers are a very economical and dependable solution for your coding application requirements.

The S480 Class of printers are easy to operate with their friendly user interface that lets you program and edit any dot in the matrix for maximum flexibility.

Large memory and USB port make downloading, uploading and storage of messages easy!



## flexible solutions for your marking needs

