



TALON INDUSTRIES

S480 Series
480 · 480P · S480HS

Flexible In Any Environment

The S480 Series with its advanced technology and design continuously checks and monitors temperature in its operating environment.

This allows the S480 Series to automatically adjust viscosity in order to maintain optimal operating conditions, ensuring maximum printhead performance resulting in consistently clear and crisp images, text, and graphics.

Think Before You Ink!

Talon manufactures an extensive line of CIJ fluids for the S480 Series. Our product offering includes dye based inks, pigmented inks, UV invisible security inks and thermochromic inks. Reliable, lower cost, high quality inks is our specialty.

Think before you ink!

Think Talon Industries!



S480 Technology

The S480 Series of printers are an extraordinarily reliable, cost effective, versatile and easy to use line of industrial small character ink jet printers. The S480 Series of printers provide a new level of reliability to the customer. All S480 printers come standard with an automatic nozzle flush function, an industrial IP54 rated stainless steel design and an incredibly durable, long lasting airless fluid management system that is virtually maintenance free.

Whether you're printing requirements demand fixed print or variable data, 2D Matrix/Barcodes, expiration dates, alpha-numeric text, logos or other graphics; the variety of S480 printers and consumables will allow you to print your data onto to rigid, flexible, irregular shaped, porous or non-porous substrates at a very economical cost.

The S480 Series 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 connection make downloading, uploading & storage of messages easy!

Make Your Mark!

Talon Industries, Inc. directly manufactures and supplies high quality inks, make-up fluids, solvents, cleaners, hot melt inks, labels, ribbons, parts and printing systems. Talon Industries is a direct supplier of these products, as well as a service provider, to companies worldwide.

Talon's ink manufacturing is second to none. In fact we offer one of the broadest lines of inks, make-up fluids, solvents and hot melts to choose from in the industry. This allows Talon to support virtually all major printer technologies available today, offering our customers a reliable single source provider for all their marking needs.

Talon Industries, Inc. exists to provide our customers with a reliable and lasting partnership in the marking and coding business sector. The future of Talon Industries will continue to build on quality and commitment; for both our customers and an ever changing industry.

Quality products and service for a fair price should be the standard, not the exception.





S480 Innovative Design

• Advanced Hydraulic System

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.

• Clean Ink System

The design of the S480 fluid management system guarantees a clean ink environment. Our closed ink system keeps environmental contaminants out which in turn provides excellent print quality and stability.

• Low Fluid Consumption Rate

Due to our unique and innovative fluid management system, the S480 Series allows for extremely low evaporation rates. This means the S480 has one of the lowest ink and make-up consumption rates in the industry.



Standard Functions

- Easy One Button Start-up / Shutdown
- Auto-Flush function at shutdown
- Nozzle Clearing Functions
- Simple User Interface
- Automatic Viscosity Control
- Stainless Nozzle Design
- Airless Hydraulic System
- Large Memory Storage
- Download Messages via USB Drive
- Reverse or Inverted Printing
- Text, Graphics, Logos & 2D-Barcodes
- Industrial IP54 Stainless Design
- Shift Codes, Expiration Dates & More
- Multiple Language Capability

Print Capabilities

- 1 to 4 Lines of Text
- Single Line 5x5, 66 micron - 666 fpm
1524 Characters per Second
- Single Line 5x5, 53 micron - 780 fpm
2031 Characters per Second
- Message Height 1.5 - 15mm
- Fonts:
5x5 · 5x7 · 7x9 · 10x16 · 12x16 · 16x24
- Bold Message up to 9X
- Standard, High Speed, Pigmented

Consumables

- Ink Consumption (5x5, 1 line, per Liter)
126 Million Characters - 66 micron
151 Million Characters - 53 micron
- Make-Up Consumption (20C)
4.5 ml/h - 66 micron
4.2 ml/h - 53 micron

Data Communication

- Encoder
- USB Drive
- NPN/PNP Photoeye
- RS485/232 - Remote PC

Power Supply

- 85-260V / 50-60HZ

Working Conditions

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

