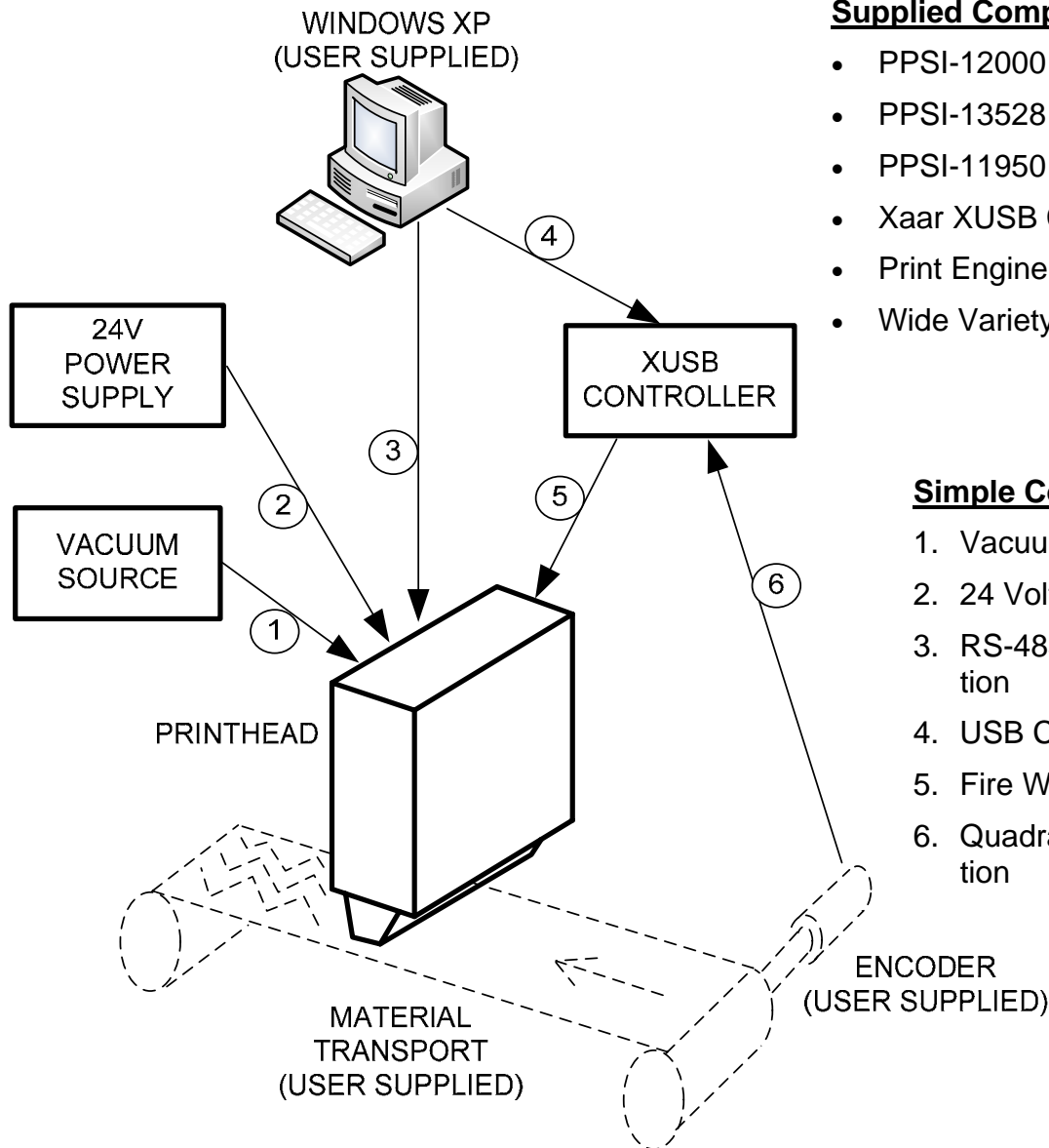


PPSI-12400

OEM printing system based upon the Xaar-1001 piezoelectric inkjet printhead

Complete system for adding inkjet printing to OEM equipment.



Supplied Components

- PPSI-12000 Printhead
- PPSI-13528 Vacuum Supply
- PPSI-11950 24V Power Supply
- Xaar XUSB Controller
- Print Engine Software Components
- Wide Variety of Tested Inks

Simple Connections

1. Vacuum Connection
2. 24 Volt Power Connection
3. RS-485 Ink Supply Connection
4. USB Connection
5. Fire Wire Connection
6. Quadrature Encoder Connection

The PPSI-12400 system provides a simplified path for Original Equipment Manufacturers to add state of the art inkjet printing to a wide variety of OEM equipment. The OEM supplies the material transport system and the Windows XP computer system. The PPSI-12400 system includes the hardware and software to add inkjet printing to OEM equipment. The pre-integrated PPSI-12400 system allows OEMs to avoid much of the complexity and cost of integrating inkjet printing while benefiting from the state of the art Xaar 1001 printhead. The system can be applied to a wide variety of equipment including digital web presses, packaging machinery and industrial product decoration equipment.



PROTOTYPE AND PRODUCTION SYSTEMS INC.

13000 Hwy 55 Plymouth, MN. USA 55441 763-557-9348

www.prototype.com

PPSI-12400

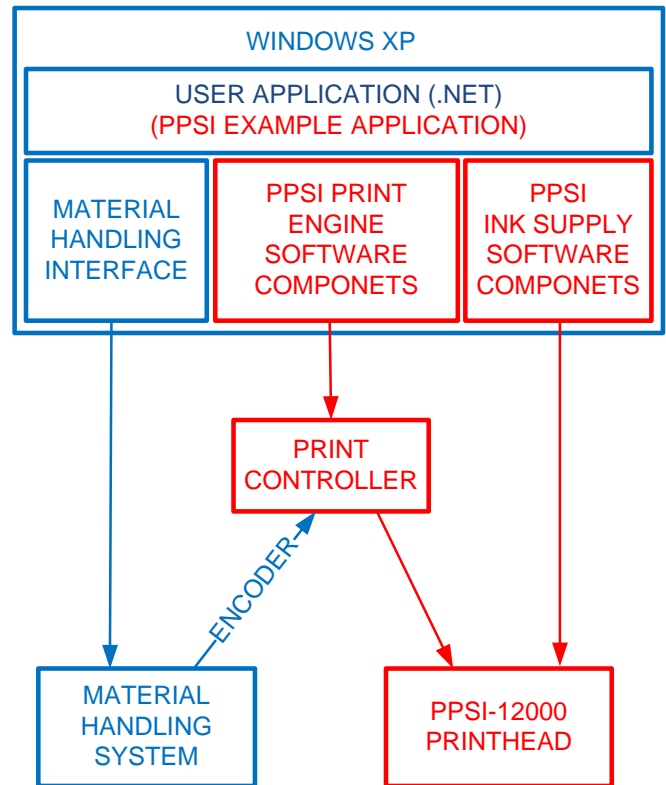
OEM printing system based upon the Xaar-1001 piezoelectric inkjet printhead



Target Applications

- Digital Web Press OEMs (monochrome or color)
- Industrial Product Decoration
- Packaging Machinery OEMs
- Photo-resist Printing
- Medical Laboratory Diagnostic Equipment
- PCB Legend Printing
- Special Industrial Applications

- Simple integration onto a wide variety of equipment
- PPSI-12000 with Xaar 1001 printhead and integrated ink supply
- 360 dpi, 6 picoliter to 42 picoliter drops
- 70.5mm print width, 1000 nozzles
- 406mm per second (16 inch/second) print speed
- Supports registration of multiple ink-jet arrays for color applications without time consuming tuning of individual array position (via the unique Xaar-1001 mounting system)
- Software Components that allow OEMs to easily integrate printing into their own software applications (PPSI supplied software components shown in red below)



CONTROL SOFTWARE ORGANIZATION

Industrial OEMs know their applications, material handling requirements and what users expect to see in the user interface. The PPSI-12400 system allows these OEMs to leverage this application knowledge while adding state of the art inkjet capability to their equipment.



PROTOTYPE AND PRODUCTION SYSTEMS INC.

13000 Hwy 55 Plymouth, MN. USA 55441 763-557-9348

www.prototypesys.com