NEPTUNE PLUS

SITE READINESS DOCUMENT

![ColorJet logo]
India's largest manufacturer of Digital Inkjet Printers

Prerequisites for NEPTUNE PLUS:

Contents:

1. Power Supply
2. Computer Requirements
3. Environment Requirements
4. Floor & Space

Power Supply

- Total Power Consumption is 2.7KW
  - **Machine:** 700 W
  - **PC:** 500 W
  - **Heater Pre:** 750W
  - **Heater Post:** 750W
- Uninterrupted Power supply of 220V, 16Amps (+ / - 10%), 50Hz
- **Exclusive Earthing**: It should not be shared with UPS and Building's common Earthing
- Printer and computer must share same exclusive Earthing
- 5 KW UPS should be installed for the machine or alternatively user may install 2 KW UPS and let the Heaters run on RAW 220 Volts.

Computer Requirements

- ### Minimum Requirements
  - **Processor:** Intel Dual Core
  - **RAM:** 4 GB or More
  - **Operating System**: MS Windows XP/7/Vista
  - **HDD/SSD:** Enhanced IDE 360 GB
  - **USB Port:** USB 2.0 Port or USB 2.0 Compatible
  - **Video Resolution:** Color monitor with 1024x768 16 Bit Resolution
  - Human Input Devices (Keyboard & Mouse)
  - An Interface Card and CD Rom R/W Drive

- ### Recommended Requirements
  - **Processor**: Intel Dual Core
  - **RAM:** 8 GB or More
  - **Operating System:** MS Windows XP/7/Vista
  - **HDD/SSD**: Enhanced IDE 360 GB
  - **USB Port**: USB 2.0 Port or USB 2.0 Compatible
  - **Video Resolution:** Color monitor with 1024x768 16 Bit Resolution
  - Human Input Devices (Keyboard & Mouse)
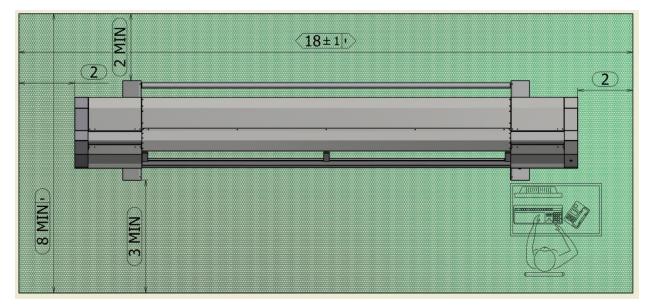 - An Interface Card and CD Rom R/W Drive

Environment Requirements

- Room temperature should be maintained in the range of 18 - 28 Degree Celsius with humidity 20 - 80% RH, **Please note:** Printer is equipped with dryers, it may raise the room temperature – A 10% additional load should be considered when designing the AC
- There should not be air draught in the room
- Closed dust-free room exclusive for Printer
- Light :
    o CRI 98%
    o LUX Min 200
    o Color : 5000K

Floor & Space

- **Room Dimensions** : LxWxH 5500 x 2500 x 3000 MM
- **Machine Dimension :** LxWxH 4510 x 1022 x 1355 MM
- **Packing Dimension** : LxWxH 5000 x 1500 x 1600 MM
- **Net Weight** : 470 KG

Site Layout of the Machine