

Polo Turbo

SITE READINESS DOCUMENT

Prerequisites for PoloTurbo

Contents

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

Power Requirements

- Total Power Consumption is 7KW
 - **Machine Load:** 1.2KW
 - **Heater Load:** 5.8KW
- Uninterrupted Power supply of 220V, 40Amps (+ / - 10%), 50Hz.
- 32A MCB required for heater power and 16A for Machine Power
- Ground resistance should be less than 10 Ω
- Printer requires a single-phase power and a good dedicated ground connection
- A separate earth connection should be provided to the machine
- The distance of the PC from the machine should not be more than 2-3 feet

Computer Requirements

- **Minimum requirement**
 - Intel i5 processor
 - 4GB RAM
 - Win7 64bit or Windows 10 OS
 - Human Input Devices (Keyboard & Mouse)
 - HDD/SSD : SATA 500 GB
 - 1 USB 2.0
 - Color monitor with 1024x768 16 bit Color
- **Recommended requirement**
 - Intel i5 processor
 - 4GB or more RAM
 - Win7 64bit or Windows 10 OS
 - Human Input Devices (Keyboard & Mouse)
 - HDD/SSD : SATA 500 GB or more
 - 1 USB 2.0 Port or USB 2.0 Compatible USB 3.0
 - Color monitor with 1024x768 16 bit Color

Environment Requirements

- Room temperature should be maintained in the range of 18 - 28 Degree Celsius with humidity 20 - 60% RH.
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 :
 - CRI 98%
 - LUX Min 200
 - Color : 5000K

Floor & Space

- **Machine Dimensions** : 4960mm x 950mm x 1580mm (LxWxH)
- **Packing Dimension** : 5150mm x 1175mm x 1790mm (LxWxH)
- **Room Dimension** : 6960mm (L) X 4950mm (W) X 3500mm (H)
- **Machine Net Weight** : ~1200kg
- **Machine Weight with Iron Packing** : ~1350kg
- **Machine Weight with Wooden Packing** : ~1500kg

