CIM System Requirements

Power Requirements
20 Amps circuit per station with electrical outlets near system’s location. The power distribution is best done on installation according to final layout of the system. 3 phase 220 VAC 15 amps for the conveyor motor.

Air Requirements
80 to 100 PSI clean and dry (max 6% moisture, min 5 CFM) Outlets near system’s location.

Exhaust for Laser Engraver
Outside exhaust required. One 4” (102mm) connection requiring 250 CFM air flow and high-pressure blower capable of 6 inches of water (425m³/hr at 1.5kPa).

Computer Requirements (Minimal)
- Main computer: Pentium Dual core with 2GB RAM*, 200 Gigabyte HD, one serial port, WinXP or win 7, 17” monitor and anti-virus software.
- Station computers (One per station): Pentium Dual core with 2GB RAM*, 200 Gigabyte HD, one serial port, WinXP or win 7, 17” monitor and anti-virus software.
- SuperProlight: Pentium Dual core with 2GB RAM*, 200 Gigabyte HD, one serial port, WinXP or win 7, 17” monitor and anti-virus software **Full size PCI card slot.**
- PLT-3000: Pentium Dual core with 2GB RAM*, 200 Gigabyte HD, one serial port, WinXP or win 7, 17” monitor and anti-virus software **Full size PCI card slot.**

**All the system computers should be networked and it is recommended to network the rest as well. Network used should be Ethernet type either pier-to-pier or using a server. Protocols must be TCP/IP. If connected to an outer network please make sure that the traffic on the system’s computers is not very high (using a switcher if needed).**

Training
It is recommended that the person who would be in charge of the system is allocated beforehand. This person should be available throughout the training period. The system is heavily based on computers and a good knowledge of computers and programming would be helpful.