



CNC MACHINERY CHECKLIST

Dust Collection Specifications:

- CNC requires 3150 cfm
- 7.5 Hp industrial dust collector - min. requirement
- Dust collection piping from collector to CNC Machine
- 20' Flex Hose 10" diameter required for CNC inlet to dust piping inlet
- (2) Hose clamps required
- Footprint for dust collector = approx. 3' x 12'
- Height = approx. 10'
- Delivery date scheduled _____

Electrical Specifications:

- Electrical voltage 208/230/440V 3 phase
- CNC requires approx. 60 amps
- Vacuum pump requires approx. 60 amps
- Dust collector requires approx. 30 amps
- Quick disconnects are recommended for each machine
- Shielded flex conduit cable is recommended for each machine
- Is energy management solution needed for electrical?

CNC Machine Specifications:

- Spot CNC Machine in shop by marking location
- Machine footprint = approx. 15' x 22'
- CNC dust inlet height = 9' 6"
- Control cabinet footprint = 2' x 4'
- Start-up tooling package available
- Refrigerated air dryer recommended
- Compressed air required, 105 psi, 12 cfm - 5 Hp min.
- Rigging of machine into facility
- Delivery date Scheduled _____, 5 Day Installation
- Bay doors required = min. 8' width 8' height

Vacuum Pump Specifications:

- Spot vacuum pump in shop by marking location
- Pump footprint = approx. 3' x 7' x 5' height
- 30' flex hose 4" diameter included
- Requires (2) 4" diameter hose clamps
- PVC schedule 40 recommended for any additional piping
- 3" PVC piping required to ventilate pump exhaust
- Delivery date Scheduled _____, Forklift required

CNC Machine Items to Consider

- CNC tooling start-up package = approx. \$3,500
- CNC rigging of machine into facility = approx. \$1,000
- Dust collection system 10 Hp = approx. \$5,500
- Dust collection piping & flex hose = quoted based on specs.
- Remote start/stop of dust collector/vacuum pump = quoted based on specs.
- Casters & frame work for CNC control cabinet approx. \$750
- Refrigerated air dryer system = approx. \$1,250
- Compressed air system = approx. \$4,500
- Electrical systemwork = quoted based on specs.
- Schmalz material handling system = approx. \$12,500
- Scissor lift material handling system = approx. \$4,500