

# Cost of Operation and Maintenance

## Section 1

1. Abrasive:

The actual cost depends on the type of abrasive used, the number of guns, and the desired surface finish.

2. Compressed Air:(Estimated formula for usage)

- Air consumed by unit: 40cfm 80-90 psi
- Number of hours the machine is operated: 8 hours

**Example:** (cost calculator)

60 minute (1 hour)

X40 CFM

2400 CF per hour

X 8 hours of operation

19,200 CF per 8 hours

X .05 cost of 1000 CF

\$ .96 cost of 19,200 of compressed air per 8 hours of operation (one 40 CFM gun).

3. Replacement of wear parts:

Parts that require periodic replacements are:

- Inserts
- Hoses
- Agitator jets
- Slurry strainers
- Pumps

4. Electricity (Need to Know)

- Source voltage
- Cycles
- Amps Draw