

MATERIAL HANDLING SYSTEM

- (1) Rapid Flex Enclosed Track Material Handling System.
- (1) Variable Speed Control face mounted on control panel. (Toshiba V.F.D.) .
Unit has digital display on the face of the control panel with up/down speed control on the face of the panel as well.
- (1) Lube-Con automatic chain lubrication system with "shot dispense" controls.
Includes reservoir, lines and automatic dispense heads.
- (1Lot) Chain attachments positioned at 8" O.C. 75 lb. capacity each.
- (1) TEFC Inverter duty rated conveyor drive motor.
- (1) Complete conveyor drive assembly.
- (1) Conveyor take-up assembly. Approximately 260' if enclosed track to chain.

MASTER CONTROL ENCLOSURE

- (1) Double door master control panel.
- (1) 600 Amp disconnect for I.R. Oven.
- (1) 250 Amp disconnect for rest of powder system.
- (1) Internally mounted Omron PLC for system controls.
- (1) Toshiba V.F.D. for conveyor speed control.

All motor starters, relays, contactors and fuses included.

ELECTRIC RADIANT POWDER CURING OVEN

Overall length: 24'.

Heated 1st stage (electric tubular in-tank heating units).

Stage #1 Reservoir Capacity – 450 gals. (Heated)

Stage #2 Reservoir Capacity – 340 gals. (Ambient)

Stage #3 Reservoir Capacity – 340 gals. (Ambient)

All controls are face mounted on master control enclosure.

Automatic fill selector switch.

Automatic air blow off switch for part drying.

Stage #1 on/off switch for immersion heater control.

Individual Stage on/off selector switches.

Part present photo eyes on washer to turn washer on/off depending on parts being present).

All controls face mounted on master controls enclosure.

ELECTRIC RADIANT POWDER CURING OVEN

- (1) Electric Radiant oven with individual I.R. heaters mounted to enclosure framework.
- (32) Black body electric I.R. heaters (16) per oven side.
- (3) Individual Temperature control zones.
- (1) Manual/Automatic control selector switch.
- (1) Part recognition system turns oven on/off depending on parts being present for curing.

All oven controls are face mounted on the system master controls enclosure.

DEIMCO POWDER SYSTEM

Powder Booth Openings – 16" x 40" (could be expanded).

- (2) Pneumatic reciprocators with gun bar attachments.
- (1) Up-line Part Recognition System.
- (1) Automatic gun triggering system.
- (1) Powder recovery model.
- (1) Manual powder application gun and control and stand.
- (2) GEMA Optimanager electronic controls with stand.
- (2) GEMA automatic powder spray guns (Optigun).
- (8) Powder hoppers with pumps and hose sets.
- (1) Lot spare parts misc. related equipment.
- (1) Stainless steel Deimco powder spray booth with photo eyes for part present gun firing control system.
- (1) Manual operator station at exit end of enclosure.
- (4) 80/20 cartridge filters.
- (1) UV/I.R flame detection system booth mounted.
- (1) Complete powder system controls all face mounted on system master control enclosure.

Note: Complete system occupies a "footprint" of less than 1200 square feet.

All prices quoted on AS IS/WHERE IS basis.

System removal, loading, trucking and re-installation services area available upon request.