

PC3100 SERIES CONVEYORIZED DRYING SYSTEMS

The PC3100 series conveyor ovens are for heating flat work traveling horizontally. The series includes 20 and 30 inch models. This series of machines is applicable for many types of processes including preheating, drying, curing, etc. The conveyor on this series machine is stainless steel mesh with inverted dimples to carry the workpiece above the general plane of the mesh. The conveyor is driven by a variable speed motor. The conveyor speed is indicated on the control panel by digital indicators. The work is heated by long wavelength infrared energy emitted from IR panels above and below the conveyor. These panels are fast response to compensate for quick variances in the work load.

The PC3100 allows the panel to enter the HASL system warm, this reduces the heat loading in the solder pot and can make some fluxes more active. Preheating of high-mass circuit boards enables increased HASL production by minimizing solder pot dwell times.

ELECTRICAL SERVICE REQUIREMENTS

Circuit Breaker service is 2-phase configuration with a good Ground.

ITEM	200-240V 50/60HZ	380-415V 50HZ	440-480V 50/60HZ	POWER
PC3120 CIRCUIT BREAKER	70A	50A	50A	16kVA
PC3130 CIRCUIT BREAKER	100A	70A	70A	24kVA

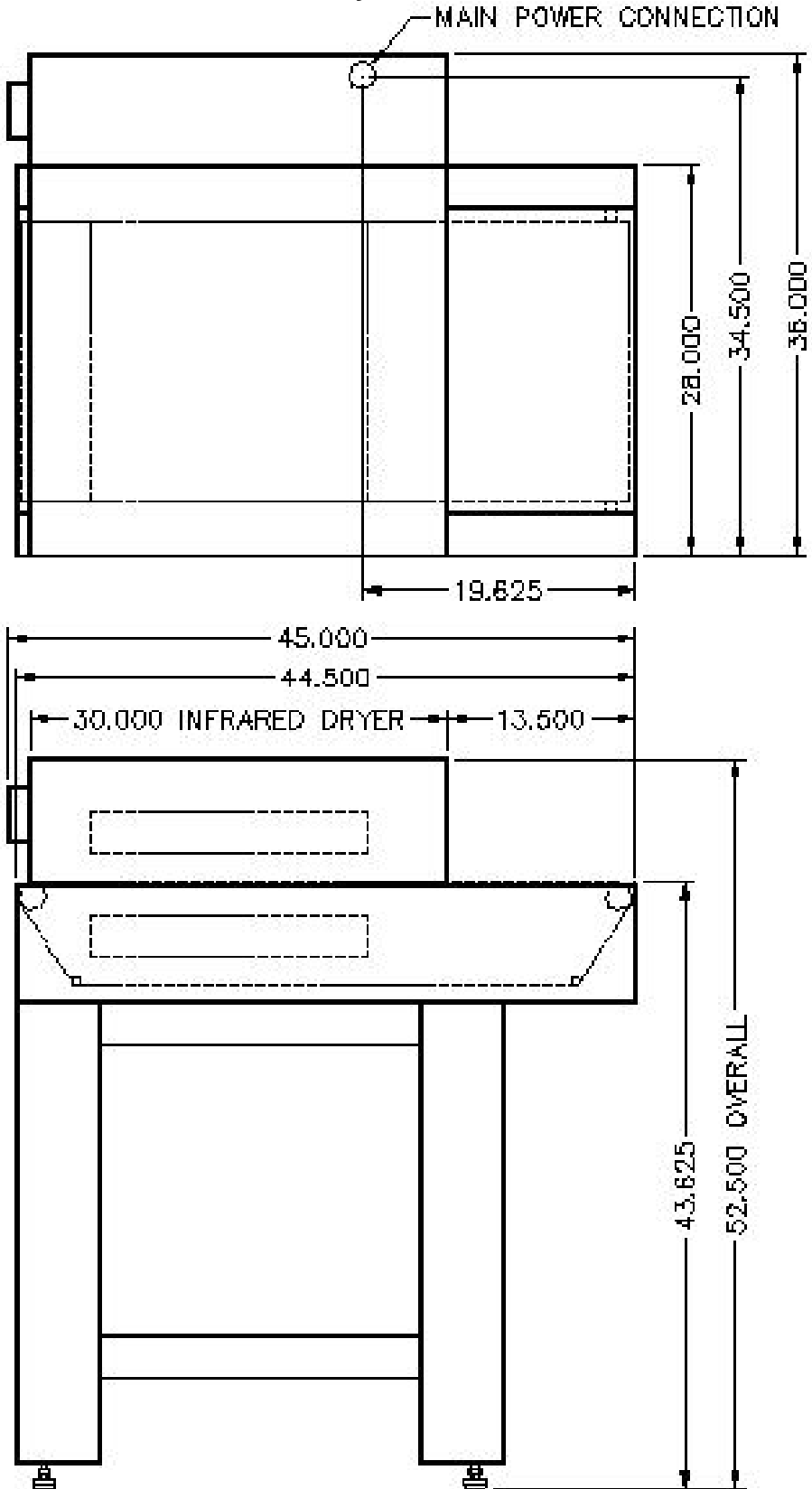
SHIPPING DATA

ITEM	CRATE SIZE	AIR FREIGHT CRATED WEIGHT	COMMON CARRIER CRATED WEIGHT
PC3120	66" x 63" x 66"	800 lbs.	1200 lbs.
PC3130	66" x 63" x 66"	850 lbs.	1250 lbs.

Note: Crating dimensions and weights are approximate and may vary within 10%.

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PC3120 Physical Dimensions



PC3100 SERIES CONVEYORIZED DRYING SYSTEMS

PC3130 Physical Dimensions

