



Key Equipment List by Department

Circuit Board Express has a fully networked communication system with a centralized file server allowing all departments to access and share the same data.

Engineering Department

2 BARCO seats and 2 Lavineer Seats running BARCO and Lavineer software.

HP5000 Graphics Printer

EsherGrad 4000 DPI Photo Plotter.

Barco Crestent 40 Photo Plotter

Carnfedlf EG 75 PCB Film Processor with Silver recovery unit

Spartanics Artwork Punch

Dry Film Department

Colight 1630 8KW with Glass Frames

Colight 1530 5KW with Glass Frames

3 Dupont Riston hot roll dry film Photo Resist Laminators

Multine Core Punch

2 Chemcut model 547 Developers

Chemcut 30" stand-alone dryer

Lamination Department

Lauffer Pressen Vacuum Press 20x26" openings

Multiline Layup table



Toyota Hydraulic Lift

GCI Ice Wagon Chiller

Drilling/Fabrication Department

Excellon Mark VIE Drill System with 5 Air bearing Spindles, Laser tool check and tool management system.

Excellon EX 300 Driller/Router System with 3 60k spindles

3 Excellon EX 110 Driller/Routers with air bearing spindles.

Excellon Concept 4 Drill with 4 Air bearing spindles

Excellon Mark VI with 5 air bearing spindles.

Lohr Herman jump "V" Dual sided scoring machine

Plating Department

Deep Nickel Plating line

Soft and Hard Gold Plating lines

Immersion Gold Line (ENIG)

Immersion Silver

Immersion Tin

Desmear Line

Direct Metalization Line

Copper/tin Line

Cobra Bond Oxide Line

Unitcote HLS-175 Horizontal Hot Air Leveler

Vertical Strip line with thin core capability



Chemcut 547XL Horizontal Etcher

ATOtech XL1820-30 Tin Strip line

Screening Department

DSA-2000 Liquid photoimagable spray coater

NuBal ConveyORIZED tack dry oven

Vertical Final Cure Oven

Screening Department (continued)

Colight UV Curing System

2 Micro Adjustable Screening tables

Testing/Quality Control

Everett Charles 9090 double sided bed of nails tester

Hach DR/4000-u Spectrophotometer

Microderm Beta-backscatter Machine

Unitek unibond II board Welder

Caviderm Microcomputer

Microcraft EMMA 2000 moving probe tester

Mania-Barco Accumatch AOI