



## CNC System Experience

*We Can Take You There!™*

### DESIGN

The Boeing Company—Renton, Washington  
Retrofit of 757 Line Wing Riveter Control System  
CNC Control Used – Siemens 840D

The Boeing Company—Renton, Washington  
Qty (4) Retrofit of 757 Line Body Panel Riveter Control System  
Vision System for Rivet Inspection and Verification  
CNC Control Used – Bosch

The Boeing Company—Renton, Washington  
Qty (3) Retrofit of 757 Line Body Panel Riveter Control System  
CNC Control Used – Bosch

Odessa  
Machine Building Plant Precision Lathe & Mill  
CNC Control Used - GE FANUC 6T & 6M, 9T & 9M

Odessa  
Plasma Tools for Ship Yard  
CNC Control Used - GE FANUC 6M

### TURNKEY DESIGN/RETROFIT

Automotive Industry—Brazil  
Qty (1) Spin Forming Machines  
CNC Control Used – Siemens 840D

The Boeing Company—Auburn, Washington  
Retrofit of Taper Strip Mill CNC Control System  
CNC Control Used – GE Fanuc 320i

The Boeing Company—Everett, Washington  
Qty (6) Retrofit of 747 Line Wing Riveter Control System  
CNC Control Used – Allen Bradley 9/290

The Boeing Company—Everett, Washington  
Qty (5) Retrofit of 767 Line Wing Riveter Control System  
CNC Control Used – Allen Bradley 9/290

The Boeing Company—Everett, Washington  
Qty (6) Retrofit of 747/767 Line (AFDE)  
Automated Floor Drilling Equipment  
CNC Control Used – Allen Bradley 8400

The Boeing Company—Seattle, Washington  
Huge Skin Tape Laminating Machine Tool  
CNC Control Used - Siemens 840D

The Boeing Company—Auburn, Washington  
Qty (3) Retrofit of Cramic Router Control System  
CNC Control Used – Allen Bradley 8600

The Boeing Company—Portland, Oregon  
Retrofit of Burgmaster Vertical Milling  
Machine Control System  
CNC Control Used – Allen Bradley 8400

Automotive Industry—Kentucky  
Qty (1) Spin Forming Machines  
CNC Control Used – Siemens 840D

Automotive Industry—Michigan  
Qty (1) Spin Forming Machines  
CNC Control Used – Siemens 840D

Northrop Corporation—Alameda, California  
Qty (3) Retrofit of Body Panel Riveter Control System  
CNC Control Used – Allen Bradley 8200

Automotive Industry—Indiana/Mexico  
Qty (1) Spin Forming Machines  
CNC Control Used – Siemens 840D

Textron Aerostructures—Providence, Rhode Island  
Qty (2) Retrofit of Line Wing Retrofit Control System  
CNC Control Used – Allen Bradley 8200 CNCs and PLC5s

### SPECIALITY TOOL

Climax Portable CNC Machine Tool—Newberg, Oregon  
UUDCOMB J-Groove Machine  
CNC Control Used - GE FANUC I6i-MB

Climax Portable CNC Machine Tool—Newberg, Oregon  
UUDCOMB Pipe Crawler  
CNC Control Used - Siemens 802D