



Electronic Service Products

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|---------------------------------------|---|--|
| CNC Machine Repairs | • Electronic Technicians | Custom Automation Systems |
| Laser Alignments | | DNC program transfer systems |
| Ballbar Alignments | • Mechanical Technicians | Mechanical Alignment / Adjustment |
| Rotary Table Calibrations | • Computer / Network Technicians | Ballscrew / Bearing Replacement |
| Rotary Table Integrations | • Machinists | Custom Laser Turnkey Systems |
| Rotary Table Repairs | | CNC / PLC Programming |
| Power / Torque Monitor Systems | • Engineering Service | Custom Control Systems |

ESP specializes in repairs, retrofits and custom designs of all types of machines and controls. When deciding on a repair, retrofit or new design ESP provides all your needs. From the start of the project with design and layout considerations to complete turn key projects including: electrical, electronic, prints, hydraulic & mechanical specifications and installations. You can be assured that your project is closely monitored by our team of experts. Our oriented approach provides the most comprehensive process flow from start to finish.

There is no need to rely on multiple contractors: **ESP does it all.**

At ESP we staff all the people needed to complete your project:

Electronic Technicians

- CNC repairs CNC programming Component level repairs Laser calibrations
- Computer repairs Network integration and support Control Compensation Memory Upgrades
- DNC PLC Programming

Mechanical Technicians

- Ballscrew repairs Servo repairs Level machines Square machines
- Gib / Roller adjustment Rotary table repairs Bearing replacement
- Lube / hydraulic / coolant repairs

Machinists

- Lathe operations Bridgeport operations Custom mounts Motor mounts
- Rotary repairs Gear / pulley installation Welding In-house machine shop

Engineers

- Circuit design Mechanical prints Operator manuals Electrical / Electronic prints
- Rotary table NC conversion Servo specifications Hydraulic specifications
- Custom product design Accuracy Improvement / Restoration

When calling ESP for repair service, please provide as much information about your problem as possible. We will then put you in touch with the proper technician to solve your problem.

Please call to inquire about ESP's other services. We have the staff and solutions for all your needs. Our customers have all indicated that the one-company approach for support saves time and money.

ESP Experience

Machines

| | |
|---------------------|------------------|
| Devlieg | Tsugami |
| Haas | Bullard |
| Cincinnati Milacron | Monarch Cortland |
| Hitachi-Seiki | Boston Gear |
| Bridgeport | Brown & Sharpe |
| Matsuura | Burgmaster |
| Mazak | Warner & Swasey |
| Okuma | Lucas |
| K&T | Gisholt |
| KIA | Atlantic |
| Daewoo | Ingersol |
| Giddings & Lewis | Heald |
| Ex-Cell-O | Pluritec |
| Pensotti | Lapointe |
| P&W Triax | Excellon |
| LeBlond | Nakamura |
| DeHoff | Toyoda |
| Fadal | |
| Huffman | |

Controls

| | |
|--------------------------|-------------------|
| Fanuc cnc/plc | Cutler Hammer |
| Cincinnati Milacron | Jucker & Peace |
| Dynapath | General Numeric |
| Giddings & Lewis | Delta Tau |
| Vickers | Texas Instruments |
| MDSI | Bendix |
| GE 1050 | Mitsubishi |
| Allen-Bradley cnc/plc | Farrand |
| Direct Logic plc | |
| Heidenhain | |
| General Electric cnc/plc | |
| Siemens cnc/plc | |

Rotary

M&M Precision
Tsudakoma
Pratt & Whitney
High Performance
Walters
Eimeldingen
La Pointe

Drives

Kollmorgan
Siemens
Indramat
ABB
Fanuc
Inland
Reliance
Westamp
Westinghouse
Getty's
Allen-Bradley
Fuji Electric
J&P
Yuasa

Other Products

DNC data transfer systems
CNC time stamping monitors
Power Monitor systems (GE p11tf12)
Torque Non-destructive monitor systems
NC Rotary controls
Custom CNC / NC designs
PLC interface/ repairs

Custom Controls Made To Order

Laser cutting machine centers
Automated Inspection Systems
5-Axis Welders
Key / Lock Assembly
Broaching Machines
Circuit Board Machines
Torque Monitoring Systems
Vibration Monitoring Systems
Process Monitoring and Data Collection
CNC Shot-Peen