

Ergonomic Manufacturing Solutions

■ Pneumatic Fluid Power

■ Control Safety

■ Leak test

■ Low Fluid Handling

■ Ergonomic Solutions

In the primary areas of work station design and lifting and positioning applications we can provide equipment to boost productivity through ergonomics. Utilizing hoists, balancers and lift tables along with required mechanical, air operated or vacuum fixtures we can specify and supply components or turnkey systems for your requirements to lift, transfer and position material.

Frequently this equipment will interface with a work cell on the manufacturing floor. We can provide work stations and assembly equipment for you to integrate into your process or we can provide completely tooled stations ready to aid you in the assembly operations.

Industrial Manipulators

- Ergonomically designed, operator controlled
- Multi axis machines
- Weight capacities to over 1000 lbs.
- Ceiling or floor mounted
- Custom end effectors designed for efficient positioning and handling of parts

Lift Tables

- Many styles, deck sizes, heights and capacities
- Hydraulic or pneumatic operation
- Turntables, tilt lifts, palatizers
- Custom designs available

Enclosed Track Cranes and Jibs

- Pre-engineered, modular systems
- Electric or air festoon for bridge and runway
- Capacity to 4000 lbs., width to 34 feet, length as required
- Ceiling or floor supported

Hoists, Lifters and Balancers

- Air hoists, electric hoists, cable hoists, vacuum lifters and balancers
- Many configurations and capacities for use with enclosed track cranes and jibs

Work Stations

- Height adjustable mechanical fixture bases on casters
- Standard electrical package with options available
- Standard pneumatic package with options available

Tooled Work Stations

- Turn-key work stations tooled to customer specifications

Assembly Automation Components

- Pneumatic and air/oil press, components or complete systems with controls ready for tooling
- Vibratory feeders
- Screw driving equipment
- Turn Key systems by integrators utilizing a wide range of Components and technologies

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| Pneumatic Fluid Power Machine Control Safety Leak Testing Low Pressure Fluid Handling Ergonomic Manufacturing | | | | | |
|---|---|---|---|------------------------------|---|
| | | | | ■ American Lifts | lift tables |
| | | | | ■ Anver Corporation | vacuum material handling equipment |
| ■ | | | ■ | Ark-Plas | miniature plastic fittings and tubing |
| ■ | | | | Atlas | N.F.P.A., I.S.O., Mill, Welded, Electronically controlled cylinders |
| | | | | ■ Bal-Trol | air balancers, lift assists and drop stops |
| ■ | | | | ■ Burton Press Co., Inc. | small production presses |
| | | | | ■ CM Industrial Products | overhead light rail systems, hoists, hoist |
| | | | ■ | Colder Products Company | quick couplers and components for flexible tubing |
| | | | | ■ Drum Runner | drum handling equipment |
| ■ | | | | Duramaster | N.F.P.A. interchangeable aluminum cylinders |
| ■ | | | | Dynamco, Inc. | miniature valves, air logic components, and fittings |
| ■ | | | | Exair | vortex tubes, air amplifiers & knives, cabinet |
| | | | | | coolers and static elimination equipment |
| | | | ■ | FasTest | quick connectors for leak test applications |
| ■ | | | ■ | Frelin Wade | flexible plastic tubing and accessories |
| ■ | | | | Greenco | cable cylinders |
| | | | | ■ Industrial Feeding Systems | vibratory parts feeders, and accessories |
| ■ | | | | LaMan | filtration systems for compressed gasses |
| ■ | ■ | | ■ | Legris, Inc. | push to connect tube fittings, function valves and tubing |
| | | | | ■ Linear Assembly Systems | custom assembly systems & conveyors |
| | | | | ■ Magnetic Systems, Inc | magnets for separation, material handling and fixturing |
| ■ | ■ | | | ■ Mead Fluid Dynamics | air valves, cylinders, production aids |
| ■ | | | | Norgren | pneumatic actuators and accessories |
| ■ | | | | ■ OHMA Systems | welding and piercing cylinders |
| ■ | | | ■ | Pneumadyne | miniature pneumatic valves & fittings |
| ■ | | | ■ | Poly Conn | plastic fittings and tubing and accessories |
| | | | | ■ Positech/Conco | industrial manipulators and articulated jib cranes |
| ■ | ■ | | | Ross Controls | pneumatic valves, accessories and FRL's |
| ■ | ■ | ■ | | Stewart Ergonomics | two-hand non-tie down controls, leak test instruments |
| | | | | ■ Visumatic | screw feeding and nut driving systems |
| | | | ■ | Z-Man Corporation | snap action pinch valves for large and small diameter tubing |

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