



Divisions of **ase** Industries, Inc.

## Company Profile



**23850 Pinewood  
Warren, Michigan 48091**

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## Our Quality Policy

***"To Provide Our Customers with Reliable and Durable Automated Parts Handling and Parts Washing Equipment that is Easy to Maintain, On-time and at a Competitive Price."***

*ase* Industries, Inc. is located at 23850 Pinewood, Warren, Michigan. This 45,000 square foot plant is fully facilitated with over 65 tons of crane capacity.

*ase* Industries, Inc. provides innovative design, quality and value, and is known for its unique level of response, flexibility, and customer service. A complete staff of employees is available to coordinate the overall design, production, installation, and start-up of your industrial parts handling, parts washing and weld & assembly systems needs.

*ase* Industries, Inc. is comprised of two divisions. These divisions include: Automation Service Equipment and Final Phase.

### Automation Service Equipment

Founded in 1972 as a privately held company, it grew to be a major supplier of automated parts handling and storage equipment and systems to the automotive power train plants. This division is involved with all types of conveyor products and material handling technology. Many applications have included the use of robotics, gantries and pick and place units in a variety of machine loading and product pack out applications.

### Final Phase

In October, 1989, *ase* Industries, Inc. acquired Final Phase, a company involved in the design and manufacture of automated parts washing equipment. Final Phase, founded in 1974, was a natural "fit" with *ase* in that it provided synergy and the ability to offer complete automation systems to the automotive industry that included not only parts handling equipment, but also parts washing equipment.

# Washers

FINAL PHASE offers more types of standard cleaning equipment than any other manufacturer including; multi-stage, flat belt, closed loop, rotary drum or screw, washing beam, batch and turntable – all available in single and multi stage. In order to meet more specific needs, Final Phase can economically modify standard capabilities at little more than standard price. Belt size, spray nozzle configuration, processing speeds and stage functions can all be varied to suit requirements. Final Phase is dedicated to keeping production processes moving and helping to bring costs down while at the same time, providing the most sensible approach to meeting environmental concerns.

## **Industrial Part Washers**

- Wash, Rinse, Rust Inhibit, Blow Dry
- Ambient or Heated: Gas, Steam, Electric
- Conveyor, Monorail, Drum, Basket



***Final Phase washers will provide the finishing touch to your production components.***

# Light Automation

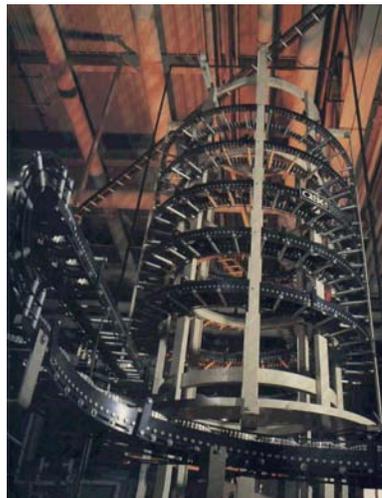
By using gravity to move your parts and products, an ASE light automation system helps you hold down your plant's power consumption, save on production costs and increase production—with an affordable initial investment. It could even pay for itself in less than a year.

Light Automation systems have to be as cost-effective as they are versatile. That's where ASE comes in—with adaptable systems that show sound production savings right from the start. ASE Light Automation is one of the most efficient, economical ways to help reduce labor costs and turn out more profitable products. Our roller-bearing and ride rail systems are gravity operated, and can be used independently, or as support or feed systems for power automation. They're constructed of light, yet durable blue steel, and are available in modular units—so you can adapt your system to changing products and production capacities.

## Light Automation

- Gravity (Blue Steel) Handling
- Elevators
- Palletized Systems

- Helical Storage Units
- Conveyors
- Storage Systems



*ase light automation is a simple, effective way to get a real increase in production without a big increase in production costs.*

# Heavy Automation

Heavy automation systems from *ase* are designed for the precise positioning and stability your products demand. They are built to stand up to tough working conditions, with minimum downtime and maintenance. Like our flexible, light automation systems, *ase* heavy automation can be integrated with your tooling and equipment. You can create a complete automation network to move your products from your start-up operation all the way through quality control. And like *ase* flexible, light automation systems, heavy automation can help you maintain part quality and create a safer, more productive work environment.

These heavy power conveyors are the result of years of experience with some of industry's most demanding manufacturers.

Available with hydraulic, pneumatic, or electric drive, they can easily handle bulky parts like engine blocks, cylinder heads, and drive shafts with incredible accuracy. Pallets and carrying devices can be custom-fitted to eliminate part-to-part contact. Heavy storage units can handle overflow without wasting valuable floor space, or leaving your machines idle.

With an *ase* heavy automation system, you'll know your products are being handled the most efficient way possible—by some of the most precise, durable, and cost-effective equipment in the world.

## Heavy Automation

-Machine Loaders  
-Accumulating Conveyors

-Machine Unloaders  
-Palletized Conveyors



***We know choosing a heavy automation system is no small decision. With *ase*, you'll feel confident you've made the right choice.***

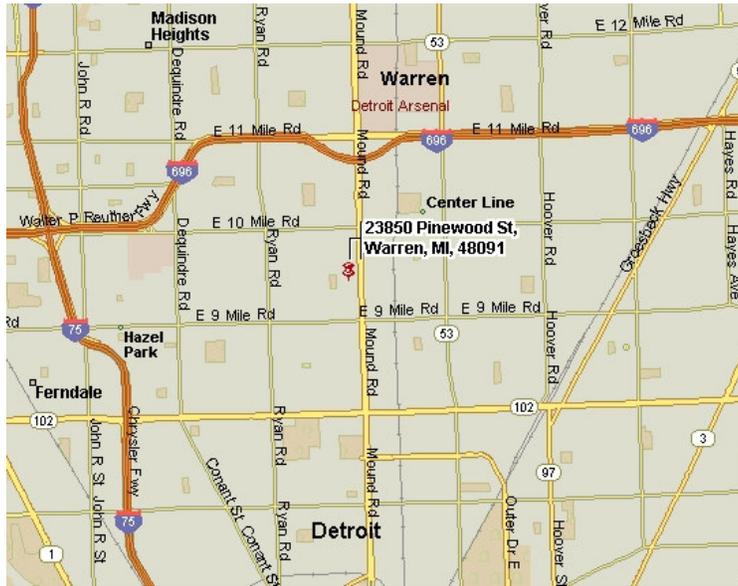
# Customers

ABB Flexible Automation  
Accurcast  
Acme Manufacturing  
Advanced Assembly  
Advanced Machine  
Advanced Robotics  
A.C. Spark Plug  
Americold  
American Axle  
American Pfauter  
Ann Arbor Machine  
Armalite  
Bendix  
Bentz Tool  
Borg Warner  
Briggs & Stratton  
Bryant Grinder  
Cambridge Brass  
Camshaft Machine  
Colt Firearms  
Copeland  
Cummins Engine  
Cummins Diesel  
Delphi  
Detroit Diesel Allison  
Detroit Broach  
Delco  
Dana Corporation  
Defiance Precision  
DaimlerChrysler  
Eaton Corporation  
Emtol  
Ford Motor Company  
Federal Mogul  
Federal Broach  
Fanuc  
Ferguson  
General Motors  
General Electric  
Ghafari  
Grinnell  
Hydra-Matic  
Harley Davidson  
Honda  
Harrison Radiator-Delphi  
Industrial Machine  
Inductoheat  
Ingersoll-Rand  
International Harvester  
ITT  
J.I. Case  
Johann A. Krause  
John Deere  
Kuka  
Kasper Machine  
Kingsbury  
Kelsey Hayes  
Kohler  
Lectron  
Liebherr Machine  
Litton  
Lipe Automation  
Link Belt  
Len Industries

Moore Handley  
Metal Dyne  
Midway Products  
Motor Wheel  
Maytag  
Micro Precision  
Nissan  
Newcor  
Novi Precision Products  
New Venture Gear  
Norton  
Niagra Piston  
Onan Corporation  
Olofesson  
Outboard Marine  
Orbitform  
Owens Corning  
Pittler  
Progressive Tool  
Power Transmission  
Process Equipment Co.  
R&B Machine  
Reef Gear  
Rochester Gear  
Rochester Products  
Rockwell  
Reliance Electric  
Rock Tool  
Roctel  
Roe Inc.  
Stanadyne  
Select Machine  
Simpson Industries  
Spectrum  
Surftran  
Saturn  
Skill Corporation  
Sealed Power  
Saginaw Machine  
Sheffield Gage  
Torrington  
Transgear  
Traxle  
Teledyne Precision  
Timken  
Tecumseh  
TRW  
US Broach  
United Technologies  
Utica Enterprises  
Visteon  
Verson Press  
Whirlpool  
Wilson Automation  
Wisne Design  
Westinghouse  
York  
Zollner Piston

**Directions from I-75:** East on I-696 about 4 miles; exit at Mound Road south.  
**Directions from I-94:** West on I-696 about 6 miles, exit at Mound Road south.  
Go south on Mound Road to Stephens Road (less than 1 mile).  
Turn right on Stephens. (Stephens is 9½ mile road)  
Take the first left turn onto Pinewood.  
ASE is on the southeast corner of Pinewood and Stephens.  
Enter ASE's parking lot from Pinewood.  
Visitor parking is within the fenced-in lot.  
Main building entrance is at the northwest front corner of the building.

Area map:



More detailed map:

