

# L.H. Industries Offers World Class Solutions

Tomorrow's technology can be found today at L.H. Industries.

Located in Fort Wayne, Indiana, L.H. Industries specializes in building precision progressive dies and stamping, focusing primarily on the electric motor lamination and electrical connector businesses. With an emphasis on research and development, the company currently holds 17 patents on manufacturing laminations and die technology.



*L.H. Industries' attractive corporate headquarters located in Fort Wayne, Indiana.*

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**Bruce Emerick  
President and CEO  
L.H. Industries**

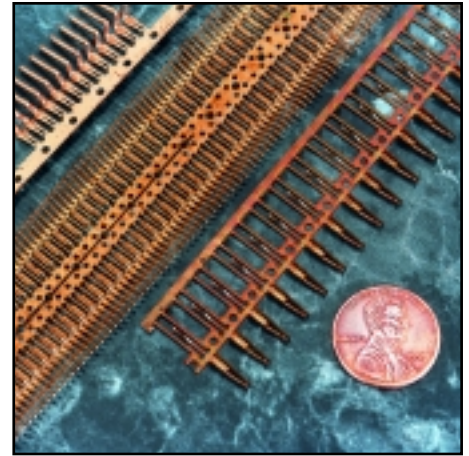
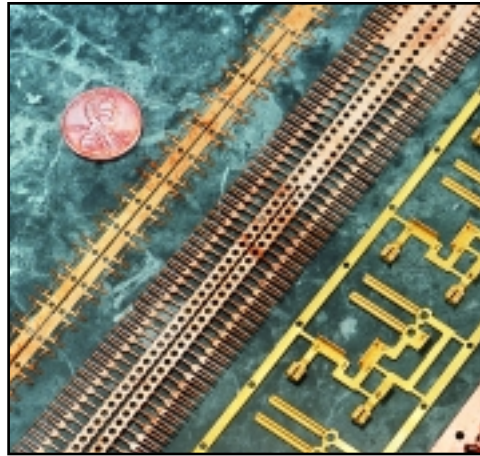


*A Minster PM3-300 press was recently installed at L.H. Industries' lamination stamping facility.*

"We're not just taking the things that other people developed and then doing the same things," L.H. Industries President and C.E.O. Bruce Emerick said. "We're actually leading the way."

L.H. Industries pioneered the "Autolok" interlocking technology, which enables manufacturers to produce rotor and stator cores that meet varied specifications of stack height and skew angle during the actual press operation. Currently the company is perfecting its "Varilok" technology which interlocks laminations of different sizes within the same operation.

"We've evolved into a world class company, and that's why we want world class Minster presses," Emerick said. "We feel strongly about the high level of quality our company has to offer, so we want to make sure the equipment we buy is the best available. That's why we choose Minster."



*Lamination stacks (left) and electronic connectors are examples of a few of the parts produced by L.H. Industries.*

Having started out as a tool builder and supplier of spare parts, L.H. Industries acquired its first Minster press in 1984 and began high-speed production of electrical connector parts.

But die building and stamping are just part of the total package provided by L.H. Industries.

“We don’t look at a job as a stamping job or a die job,” Emerick said. “We develop systems with the latest die technology, the latest die control technology and then figure in automated part handling and part checking systems.”

“Our dies are very sophisticated with electronic controls,” Emerick added. “You have to have accuracy. The parallelism has to be there, and the PM3 is very well suited to provide not only the accuracy, but the longevity that we need. It’s very important for complete die run-offs under production conditions. This insures die readiness at the customer’s site.”

“Our Minster presses have proven to be very durable,” Executive Vice President Brad Habegger said. “We have one press that has been running a six-out die since about 1986. We’ve been making 60

million parts a month on that press with very, very minimal maintenance.

“The die life is impressive,” Habegger added. “We have another Minster press running a 12-out carbide connector die, which has gone about 3.8 million hits before we had to sharpen the die.”

And with service, there’s never a wait.

“I think Minster is more proactive than most,” Habegger said. “They

offer training to our maintenance people so we can operate efficiently rather than wait for something to go wrong and then have Minster come here to fix it.”

L.H. Industries recently opened a die servicing facility in McAllen, Texas, and has been averaging about a 20 percent annual growth rate.

“We’re aggressively growing,” Emerick said. “We will continue to invest in the research and development and in the high quality equipment that will keep us on top.”



*Numerous Minster Pulsar presses stamp out electrical connector parts at speeds of up to 1200 strokes per minute.*