

# Raising production quality and output

*From press sizes of 750 to 100,000 tons, Siempelkamp LP can modernize, repair, and maintain presses to OEM standards*

Siempelkamp LP provides equipment modernization, maintenance programs, engineering support, and repair services that enable its customers to realize measurable gains in throughput, productivity, and equipment longevity

## THE SHAPE OF PARTNERSHIP

### Protecting your equipment investment

You've invested significantly in your press equipment, and it just makes sense to continue with its upkeep by working with the acknowledged industry leader in the design and manufacture of presses: Siempelkamp.

Only Siempelkamp LP is backed by the deep and experienced engineering resources of Siempelkamp GmbH & Co. KG in Germany. Our North America-based technicians are factory trained in all aspects of equipment functionality and can comprehensively facilitate your equipment upgrades or refurbishments, whether for Siempelkamp presses or those of other manufacturers.

### Maximize uptime with optimized maintenance programs

With so much riding on your equipment's productivity, a proper maintenance sequence is critical to reliable and predictable operations. Siempelkamp LP is your go-to source in the design of planned maintenance programs and maintenance training programs. Whether you prefer to have your own engineers manage it or have us handle the maintenance for you.



Before



Ring rolling modernization



50,000-ton press refurbishment

After

### Where to go for responsive service

We understand that when your equipment is down or not running to expectations, that you need help on the way quickly. That's why we are staffed to provide emergency service engineering support, with the goal of putting a Siempelkamp engineer onsite within 24 hours.

### Tell us how we can help

Contact Siempelkamp LP to learn more about how we can raise your production quality and output.



## Siempelkamp

Siempelkamp  
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**Leadership in Technology**

# Capabilities

## Service offerings include:

### Emergency service engineer support

### Remote troubleshooting packages

### Planned maintenance programs

### Maintenance training programs

### Equipment modernizations

- Electrical controls
- Hydraulic systems

### Mechanical modernizations/ improvements

- Finite element analysis (FEA) on equipment that no longer has OEM support
- Replacement castings and forgings
  - Exact replacements
  - Redesigned components offering design improvements

### Technological (quality control) modernization

- Vision control (3D camera)
- Live feedback to control PLC
- Design and install SCADA
- Design and install advanced reporting system

### Tie rod replacements

### Additional press functionality

- Swing arm tools
- Centering arms
- Lower die slides
- Upper die slides
- Die storage magazines
- Die cross shifting tables
- Upper rotating dies
- Automated die clamping

### Spare parts support

### Servicing all types of presses

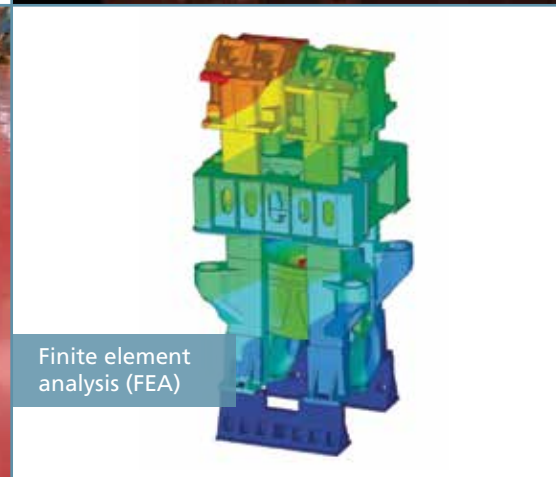
- Open die forging presses
- Closed die forging presses
- Radial/axial ring rolling machines
- Dishing presses
- Hydroforming presses
- Side member presses
- Heat exchanger presses



Siempelkamp foundry



New tie rods



Finite element analysis (FEA)



Machining new press components



New electrical controls



## Siempelkamp

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