



**OILGEAR™**

# **SYSTEM ENGINEERING, DESIGN and FIELD SERVICES**

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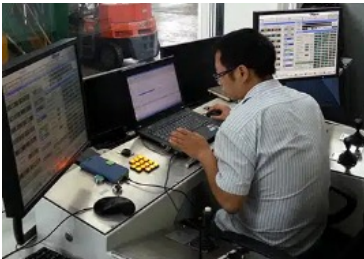
*Solve Complex Machine Operations  
Increase Productivity  
Improve Efficiency  
Increase Reliability  
Reduce Energy Consumption*

# OILGEAR ENGINEERING & DESIGN SERVICES



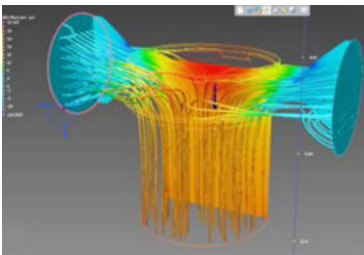
## **Custom Hydraulic Systems**

- Complete press upgrades
- Design, Build, Install, & Commission
- For new and existing applications
- Increase productivity
- Reduce downtime
- Reduce maintenance complexity



## **Electrical Controls**

- New control systems or retrofits
- Increase safety of personnel
- Increase production efficiency
- Incorporate live data acquisition / analytics
- Simplify / expand recipe management
- Ease troubleshooting
- VFD integration



## **Product Innovation**

- Solve unique problems
- Reduce energy consumption (Power on Demand)
- Computational Fluid Dynamics Analysis
- Active monitoring of components / system

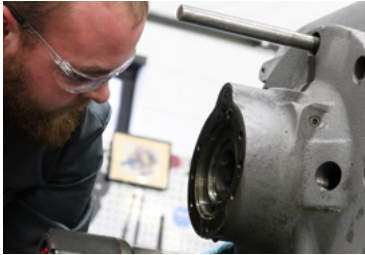


## **Manifold System Experts**

- Differentiated designs for robust applications
- Cleaner, leak free, and more reliable solutions
- Increased flow and safety margins
- Experienced in handling manifolds with both high pressures and large flow rates

# OILGEAR FIELD SERVICE

## Bringing Customers from Reactive to Proactive



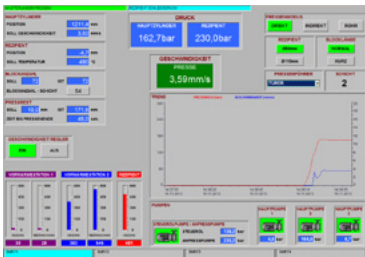
### *Press Audit*

- Health Check of electrohydraulic system
- Diagnostic readings of pressures & flows of system
- Analyze hydraulic components condition
- Fluid sample taken and condition analyzed
- Detailed report with findings & suggested actions



### *Preventative Maintenance Program*

- Analyze and repair leaks
- Analyze power system condition
- Review hydraulic system maintenance with facility personnel
- Review best practices with maintenance personnel
- Multi year agreement



### *Press Tune*

- Return press to as efficient OEM operation as system will allow
- Check pumps, valve, and actuators & adjust as needed
- Check HMI for alerts / codes and address as needed
- Resolve system shocks / pressure spikes via adjustments
- Review hydraulic system maintenance with facility personnel
- Optimize press cycle for production and machine life



### *Hydraulics Training*

- On-site convenience
- Classroom & Hands on training
- Trouble shooting guidance
- Real world training utilizing your schematics & press
- Basic and advanced training available





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