

Ignite Possibilities

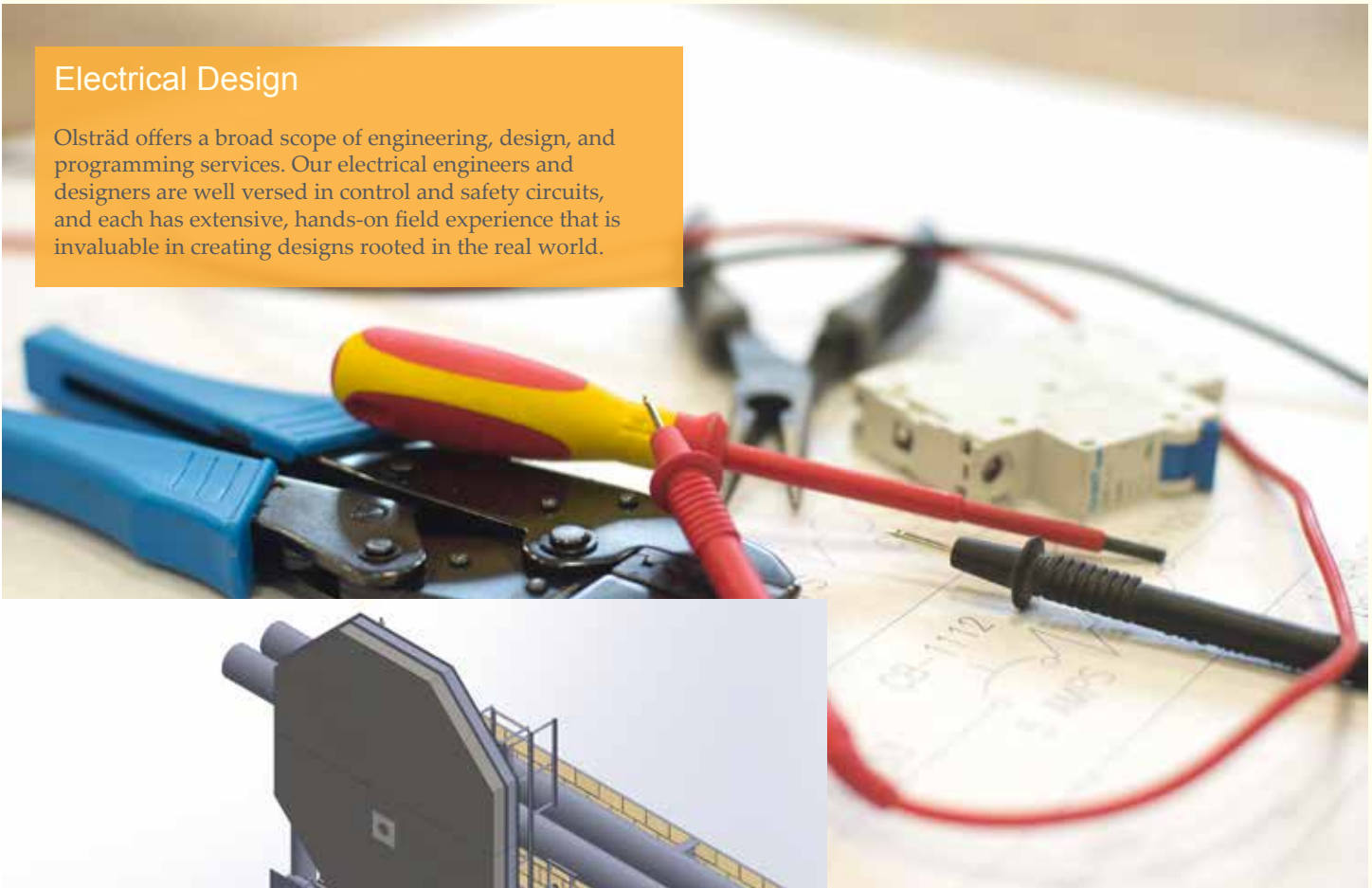
through Engineering

Electrical Design
Mechanical Design
PLC and Embedded Software
Combustion Systems
Machine and Facility-Wide Automation
System Integration

Olsträd Engineering Corporation

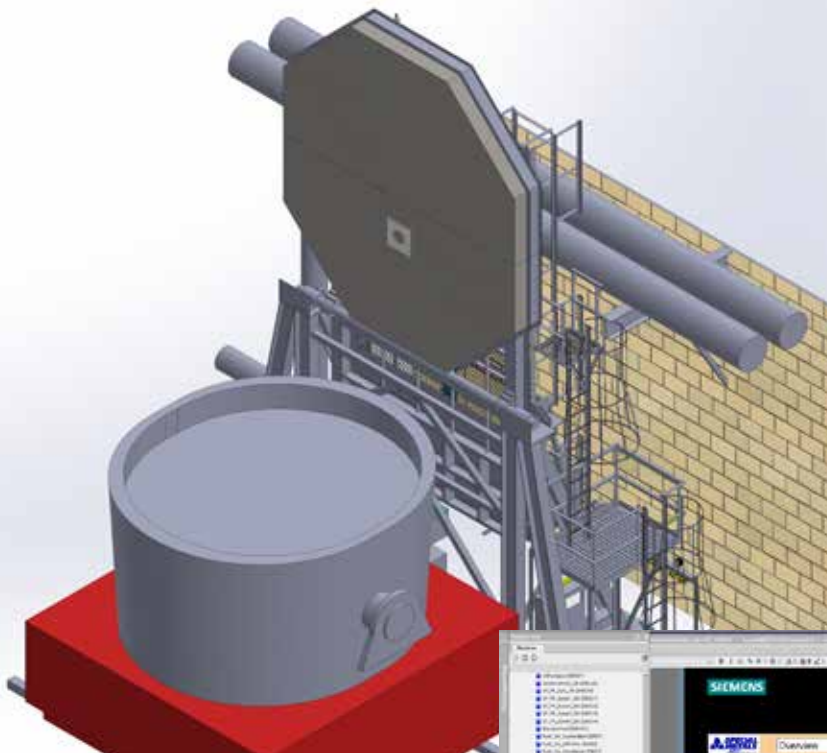
Electrical Design

Olsträd offers a broad scope of engineering, design, and programming services. Our electrical engineers and designers are well versed in control and safety circuits, and each has extensive, hands-on field experience that is invaluable in creating designs rooted in the real world.



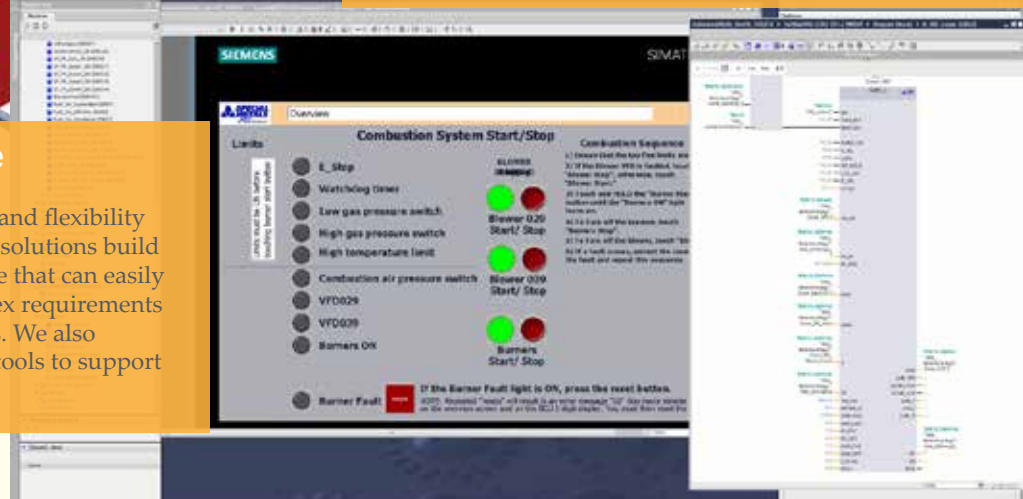
Mechanical Design

To be successful, manufacturing plants need just the right machine, tool, structure, or system to perform at an optimum level. Our mechanical engineers apply the latest design principles, using the latest design tools, to solve the toughest challenges. From the large and complex, such as ladle heaters and conveyor systems, to critical subsystems such as valve trains and pipework, to simple linkages and custom tooling, Olsträd has you covered.



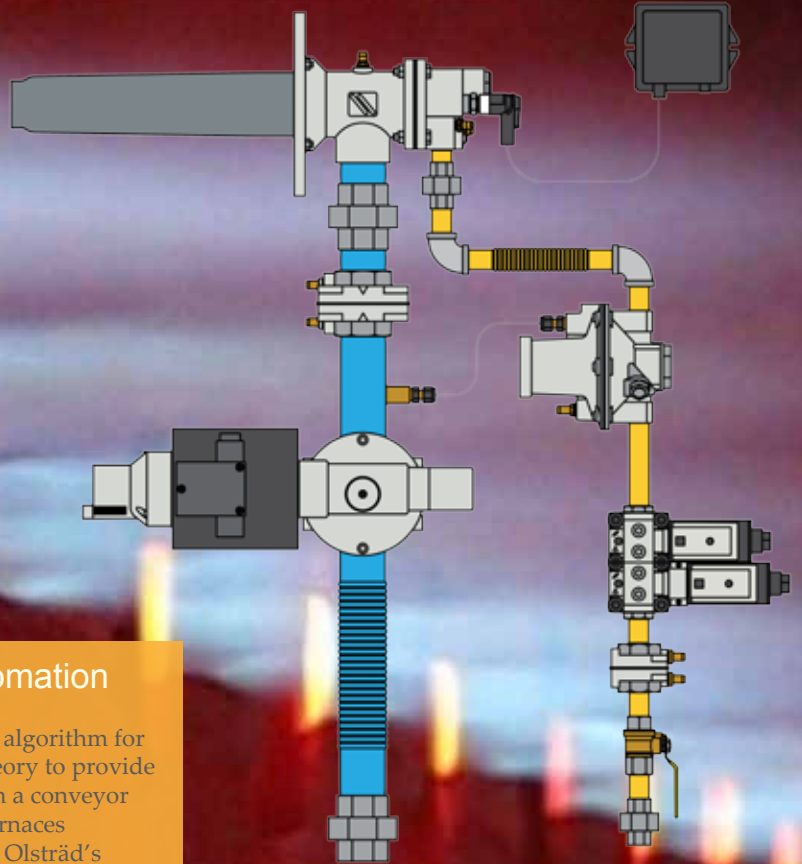
PLC and Embedded Software

Today's PLC processors offer more power and flexibility than ever before. Our engineered software solutions build on an extensive library of field-proven code that can easily be extended to cover even the most complex requirements — and we work with all major PLC brands. We also maintain the necessary infrastructure and tools to support legacy systems.



Combustion Systems

Safety and efficiency go hand in hand in a successful combustion system design. Based on your specification, we use heat transfer analysis, flow calculations, fluid mechanics, and proven, rigorous design techniques to deliver a combustion system tailored to your requirements.



Machine and Facility-Wide Automation

Whether creating a complex adaptive control algorithm for an automobile crash tester, using queuing theory to provide advanced tracking and sorting of packages on a conveyor line, or using PLCs to create 100% up-time furnaces for 24/7/365 aluminum melt-shop operations, Olsträd's automation systems are driving productivity gains for our customers.



Who We Are

Our diverse engineering team embodies a broad spectrum of age, discipline, and background. We offer any or all of our engineering services on a consulting basis, or we can build your solution from the ground up. The common thread that binds us is our love of a challenge. Call today to discuss your next project.

System Integration

Put our experience to work. Dozens of successful installations across diverse industries give Olsträd a unique advantage when approaching challenging projects. We can handle the engineering, specify and purchase components, provide programming, and ensure that everything is integrated for a complete system. We can also provide fabrication and assembly services. For a turn-key solution, we can install and service the finished products.



Expect Excellence

