

HERDIZ Construction can help you - in a few steps - implement a program of cost reduction and continuous improvements in welding, resulting in lower cost of production and higher benefits in your current operation, better competitive conditions, growth and sustainability.

- Visit to facilities and definition of objectives.
- Estimate and approval.
- Exchange of technical-economic information.
- Improvement report.
- Implementation.

# Cutting and Welding Economics

In the 21st century, the welding industry is defining its vision and strategic objectives on the problems and opportunities it will face from 2020. Welding-based businesses need technological developments that enable fast and flexible manufacturing. Strategies to improve welding economy include changes in investment decisions. By implementing Information Technologies, manufacturers will be able to incorporate integrated techniques into manufacturing processes and take advantage of cost-cutting benefits. Improvements in energy efficiency and environmental compliance in the welding industry will also bring benefits to productivity.

- **Cost and Productivity:** Achieve more cost-effective welding operations, increase productivity and performance to the maximum by improving the welding process and the end product.
- **Technologies and Processes:** Improve the use of technologies associated with welding processes in manufacturing operations, introduce virtual qualification of welding designs, manage to integrate welding throughout the factory, move to an "architecture machining or automation in welding technology and exchange solutions with other welding industries.
- **Quality Standards:** Produce welds and manufactures of the highest possible quality based on technologies and processes rather than people. Accurately predict the structure and service life of manufactured products. Eliminate conditions that lead to defects. Take advantage of the flexibility of welding codes and standards.
- **Material Performance:** Use the most advanced and appropriate cost-effective material for each application, develop welding technologies simultaneously with the development of new materials.
- **Education and Training:** Attract more trained people to the workshop. Train more welding specialists and certify welders.
- **Energy, Environment, Health and Safety:** Reducing energy use in pre- and post-heating operations, making welded manufacturing with an environmental concern by ensuring a safe and healthy working environment for Workers.
- **Cost Reduction:** Implement comprehensive weld cost reduction, advance increased use of process automation, implement welding integration and weld knowledge in Total Manufacturing planning.