

Steel technologies

Iron & Steel

The global steel industry continues to evolve. The pressure placed on steel-producing operations is unprecedented. Customers demand higher-quality steels at lower prices, while shareholders expect exceptional financial results. Steel operations are faced with challenges to increase productivity and quality, while cutting operating costs and energy consumption.

We understand these pressures and work closely with our clients to help meet their challenges and exceed expectations. In addition to the services offered through our iron and steel group, the steel technologies group offers proprietary technology to our clients to enhance their operations. We help our customers meet their goals of improved quality and productivity, lower operating costs, and reduced energy consumption.

The steel technologies at Hatch have been developed to fulfill specific needs of our clients, which were not being readily met in the marketplace. Some of these technologies include:

- CRISP™ (Continuous Reduced Iron Steelmaking Process)
- Furnace non-destructive testing and condition monitoring services (iron and steelmaking)
- Hinged Ladle Lid (steelmaking)
- Coilbox™ (hot strip mill)
- FFF gauge control, mill stability, and width control system (hot strip mill)
- MacroEtcher™ (casting quality control)
- Coating mass control systems (Galvanizing/GALVALUME®)

Our Steel Technologies Group has the skills to work with clients in all stages of the project from the early stages of concept development and project justification, through to detailed engineering, manufacture and commissioning.

Learn more about how Hatch can provide you with robust and practical direction in your steelmaking journey. Visit hatch.com.

Contacts

David Rudge
+1 905 855 7600
Steel-technologies@hatch.com



The Coilbox™ technology was initially developed and commercialized by Stelco's technology group, Steltech, which is today part of Hatch Technologies. Hatch is widely considered to be the Coilbox™ technology expert in the global hot strip mill community.



Hatch has expertise in many steel technologies including CRISP™ (Continuous Reduced Iron Steelmaking Process).