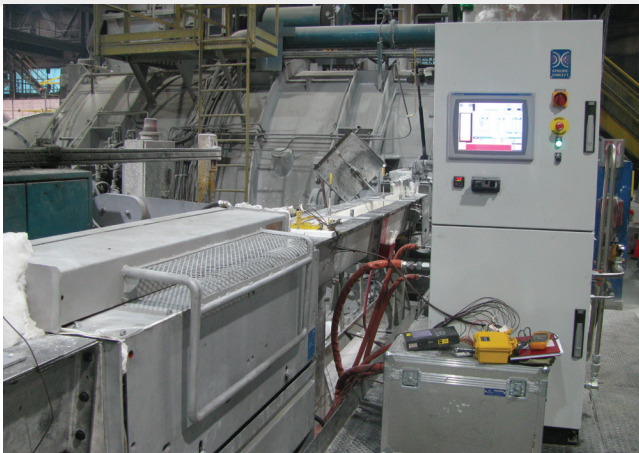


CASTPRO

PATENTED
TECHNOLOGY

— System used for precise in-trough cooling of metal upstream of casting machine



BENEFITS

- Increased production rate of continuous casting machine
- Increased temperature accuracy for casting of critical products
- Increased useful life of ingot moulds and sow machines
- Reduction of energy consumption and greenhouse gas emissions
- Possibilities of continuous furnace operation (remelting foundries)
- Simple integration; easy to adapt and install on upstream trough section
- Safe, with no possibilities of water leaks

TECHNICAL FEATURES

- Patented technology developed in partnership with Rio Tinto Alcan
- Fluidised-bed type cooling trough
- Cooling jacket allowing heat evacuation
- Control of cooling by zones
- Metal temperature control loop
- Control system with programmable logic controller and communication