



OVERVIEW

Optidrive keeps it cool in Italy!

Global Solutions...

wireless control for hundreds of applications

with Invertek Drives the solutions start here!

- easy to use and incredible performance
- leading edge design and technology
- highly committed to innovation
- products you can rely on
- global support and suppliers

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COMPANY

BELTRAME GROUP

Steel foundry

Italy

The water cooling systems in one of the most prestigious steel foundry's in Europe now rely on Optidrive variable speed drives to keep production running.

48 Optidrives are used to control water pumps in the cooling systems on six continuous casting lines in the Beltrame Group foundry in Italy. Optidrive Plus 3^{GV} and Optidrive Plus VTC, with its innovative energy saving features, were specified in a range of sizes up to 22kW.

Innovative energy saving features

Optidrive Plus 3^{GV} uses 3^{GV} technology to deliver 200% torque down to 0.0Hz, allowing this unique open loop product to be used without any feedback device in many traditional closed loop applications. Designed specifically for fan and pump applications the Optidrive VTC maximises energy saving with its sleep mode feature and an automatic energy optimiser function, which reduces the motor voltage to match the load.

The Optidrive's were supplied to Beltrame by Invertek Drives' Sales partner in Italy, Siei Peterlongo electric S.p.A.

Enrico Rebuffi at Siei Peterlongo confirms:

"For this application Optidrive units need the ability to work in harsh environments up to 50°C, whilst maintaining totally reliable performance for continuous operation, 24 hour per day. Easy to wire, offering very fast and simple commissioning, and meeting EMC requirements without the need for external filters made sure that Optidrive was the first choice for this application."

The Beltrame Group is one of Europe's leading producers of commercial steel rolled sections and special bars for shipbuilding and earth-moving machines. Founded at the end of the nineteenth century by the Beltrame family, the company has a proud heritage. This includes a highly prestigious subsidiary, Laminés Marchand Européens's, which has been working in the steel and iron market since the middle of the nineteenth century.

With production capacity of 3 million tonnes through nine plants strategically located near to the main product catchment areas throughout Europe, the Beltrame Group boasts comprehensive European coverage.



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