

Acciaierie e Ferriere di Caronno Pertusella

Riva Acciaio
Caronno Pertusella



Forni Elettrici

The history

The first production plant to be built by Emilio Riva was completed in just seven months after the wheat was cut in July 1956.

The Riva furnace had a 20t capacity at a time when most electric furnaces in Italy only reached a capacity of 15t.

By 1960 three more furnaces of the same size were installed. In 1961, at the height of Italy's economic boom, the policy of expansion and technological upgrading led to the construction of a new, 50t furnace which started production in 1962.

It was in the vanguard of technology at the time and brought the overall capacity of the five furnaces in Caronno to 600 t/ day.

However, the hallmark of this development was the installation of the first curved continuous casting line in Italy in 1964.





It produced billets (see pp. 21-22) and was a bold decision for the times, however, it was soon seen to be a winner, giving Riva & C. a technological advantage over competitors, acting as prime mover in the application of continuous casting, and enabling the company to enter the forgers' billet market.

The Caronno steelworks thus became the prototype of the minimill, with a production plant and engineering mode) that was to radically change the profile of the steelmaking industry.