CELSA Group continues to entrust Fives for furnace contracts

CELSA Group, one of the largest manufacturers of steel long products, placed two contracts for reheating furnaces to Fives.

The first order is for a new Stein Digit@l Furnace® to be installed in the CELSA France plant located in the municipalities of Boucau and Tarnos, New Aquitaine region. This plant is specialized in the production of steel billets from the recovery of scrap. The walking beam furnace with 120 ton-per-hour capacity will reheat billets of different sections and length to serve a new rolling mill. The Stein Digit@l Furnace® features the best available technology, including complete digital on/off control and heat curve control for optimum combustion, as well as AdvanTek® burners. AdvanTek® burners is a steelmakers’ choice for a green footprint and reduced energy consumption, with the lowest NOx emissions – less than 50 ppm. Commissioning is scheduled in autumn 2020.

The second project covers revamping of the existing Stein Digit@l Furnace® at CELSA Barcelona, Spain. The existing walking beam furnace of 250 tons per hour capacity is designed to reheat beam blanks for a medium section mill located in Castellbisbal. The revamping aims to extend a product range by processing larger and heavier beam blanks from the original weight of 7.5 tonnes to 10.5 tonnes. The project includes replacement of mechanical equipment: new roller tables, kick in and kick off machines on the charging and discharging side together with all the ancillary equipment. Fives is also responsible for the modifications of electrical equipment. The work will start in summer 2020, during scheduled maintenance shutdown of the plant.

New contracts will bring the total reference of Stein Digit@l Furnace® to more than 100 for hot strip mills, plate mills and long products.

Both projects will be executed by Fives Steel Spain, a Fives’ subsidiary responsible for mechanical engineering and supply of long product reheating furnaces, strip processing line horizontal furnaces, degreasing and pickling equipment, as well as complete colour coating lines.
About Fives in Steel

In Steel, Fives’ goal is to help steelmakers enhance their performance and the subsequent competitiveness. As a solution provider for reheating furnaces, cold rolling workshops and complete strip processing lines, Fives has developed reliable & innovative technologies. It offers a range of expert service, from the layout of a facility to upgrade services, including the design and manufacture of mechanical, thermal, automation and digital technologies.

About Fives

As an industrial engineering Group with a heritage of over 200 years, Fives designs and supplies machines, process equipment and production lines for the world’s largest industrial players in various sectors such as steel, aerospace and special machining, aluminium, automotive and manufacturing industries, cement, energy, logistics and glass.

The effectiveness of its R&D programs enables Fives to design forward-thinking solutions that anticipate industrials’ needs in terms of profitability, performance, quality, safety and respect for the environment.

In 2019, Fives achieved €1,999 million of sales and employed close to 8,600 people in about thirty countries.

Press contacts:

**Fives – Steel & Glass:**
Natalia Artemieva
+7 495 745 56 47
natalia.artemieva@fivesgroup.com

**Fives:**
Claire Mathieu-Andre
+33 1 45 23 76 21
press@fivesgroup.com