

## Carpenteria Almici's 100/16 t Charging E.O.T crane commissioned in Switzerland

Carpenteria Almici SpA, the Italian leading manufacturer of E.O.T. cranes for steel plants has once again chosen AIC to design and implement the electrical part of their 100/16 t charging crane for Stahl Gerlafingen AG - AFV Beltrame Group.

The overhead crane is designed for charging furnace by scrap buckets and it is designed to be controlled by an electrical equipment equipped with regenerative DC-BUS from Siemens, type SLM with redundant BUS module, S120 AC motor modules for handling & lifting units.

The automation control system is based on Siemens S7-1500 PLC while the HMI system is Siemens WinCC & ComfortPanel OP.

During the project Carpenteria Almici SpA took care of the supply of the crane while AIC scope of supply has included the complete engineering, manufacturing, cabling and testing of the internal power control room.

Before the shipping to the customer's plant, the whole control room and crane have been completely tested in the facilities of Carpenteria Almici SpA in Vobarno (BS) with the presence of the customer's technicians.

The final commissioning on site has been accomplished during the Christmas shut-down perfectly meeting the schedule of the job; the start-up of the meltshop has been concluded on the first useful day without any delay.



**About Companies:**

**AIC Group** is a technological partner with extensive experience and deep know-how and stands itself as a global power control supplier and system integrator designing, manufacturing, and implementing automation systems, process control, and mechatronic solutions for both greenfield and revamping projects. Focusing on the steel and metals industries for long and flat products, the Group provides cutting-edge technical solutions by handling complex project schedules and thus establishing satisfactory and remarkable partnerships through its 6 international offices.

More than 45 years of modernization for endless reliability processes.

**Carpenteria Meccanica Almici** founded in 1958, is a leader in the field of heavy and special lifting equipment, and is able to design, manufacture and install a wide range of various products. The company is also engaged in the design and manufacture of equipment for steel and metal structures.

**For more information:**

Katia Solvesi  
Head of Marketing of AIC Group  
Email: [katia.solvesi@aicnet.it](mailto:katia.solvesi@aicnet.it)  
Tel: +39 0365 826333

