History

Somin s.r.l. was established in Cologno al Serio (Bergamo) in 1992, following its owner's fifteen years of experience in the assembly sector. It quickly specialised and grew, first in Italy and later in Europe, in the iron and steel assembly industry thanks to massive investments in human resources, focusing on continuous employee training that guaranteed a tightly bonded work team, highly motivated on the company’s goals.

Over the years, Somin has become a leader in the assembly sector: the company’s technicians and operators are highly flexible to meet complex customers demand, best completing ideas and system projects, even large ones.

Mission

Reliability, innovation, professionalism and skill: these are the 4 cardinal points that has made Somin s.r.l. an esteemed company on the European level for many years.

Reliability because customer who choose the Cologno company know that they can count on professionalism in all operating phases up to system delivery, complete with all mechanical parts. Innovation because the search for the best solutions, the continuous experimentation and development of new techniques are part of this company’s DNA.

Professionalism because every customer knows he is followed by qualified personnel in every step, able to suggest the best solutions to any problem.

Skill because the extensive experience in this sector makes Somin s.r.l. management a total guarantee for any type of application.

since 1992
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Renato Bissa and his work team have extensive experience in the iron and steel industry. The chairman has always relied on teamwork, conveying his know-how and skills to his team over the years to create true added value for Somin s.r.l.

Fanatic about engines, Bissa has transformed the small crafts business into a large industry in a short period of time, making a name for himself on the international level.

Engineering department

The department studies and develops customer requests. Engineers and designers, with special computer programs, are able to plan and create each production cycle phase, from planning to operations.

Furthermore, the engineering department, thanks to the use of last generation technology tools, supports assembly operations in full autonomy with essential surveys such as topographic one to the more specific service fluid contamination surveys.
Galvanisation lines

Thanks to the 20 years experience, Somin s.r.l. can assembly complete galvanisation lines assuring a high level of quality both mechanical, structural and piping assembly.

Taranto (IT) 2007 Assembly galvanizing line HDGL2.
Genova (IT) 2010
Assembly galvanizing line CGL4.

Novi Ligure (IT) 2009
Assembly galvanizing line CGL4.

Genova (IT) 2007
Assembly of a new heat galvanizing line.

Torino (IT) 1998
Disassembly in Turin and reassembly in Taranto of an electrolytic galvanizing line.

Cremona (IT) 2011
Assembly galvanizing line HDGL3

Novi Ligure (IT) 2009
Assembly galvanizing line CGL4.
Metal pickling lines

Somin s.r.l. can assemble complete pickling lines, assuring a high quality of the different parts of the plant, above all in the construction and assembly of the PP and FRP pipes which require particular shrewdness.
Cremona (IT) 2009
Assembly pickling line for coils.

Novi Ligure (IT) 2009
Mechanical and structural assembly of an entry section of pickling line.

Genova (IT) 2009
Assembly pickling line for coils.

(LIBYA) 2005
Assembly pickling line for coils.
Lamination system

The growing experience allows Somin s.r.l. to assemble different kind of lamination system, as coils, aluminium, rolling and wire rod laminations.
Brescia (IT) 2008
Assembly of billets lamination train

Caserta (IT) 2013
Assembly alluminium mill.

BELGIUM 2012
Assembly alluminium mill.

Udine (IT) 2007
Revamping of billets lamination train.
Somin s.r.l. can deliver and assembly acid regeneration system, without limits of dimension and tipology.
Genova (IT) 2007
Assembly acid regeneration plant.

Taranto (IT) 2006
Assembly acid regeneration plant.

(LIBYA) 2005
Assembly acid regeneration plant.
Continuous casting system

Somin s.r.l. can assembly and modernize varied kinds of continuous casting system (number of casting lines and kind of final product). Thanksto the experience that has grown during the years, Somin s.r.l. can assure high level of quality during the assembly of all the machines and their components.
Milano (IT) 2007
Assembly continuous blooms casting line.

Brescia (IT) 2014
Revamping of a bloom continuous casting line.

Milano (IT) 2007
Assembly continuous blooms casting line.
Factory building

Somin s.r.l. can design, delivery and assembly different kind of factory buildings such as industrial, commercial, civil and agricultural ones.

Novi Ligure (IT) 2000  Supply and assembly of a coils warehouse.
Genova (IT) 2008
Supply and assembly of an extension of existing building.

Taranto (IT) 2011
Supply and assembly covered of existing building.

Taranto (IT) 2006
Supply and assembly covered of existing building.
Furnaces

Somin s.r.l. deliver and assembly different kind of furnaces, such as walking beam, pusher furnaces and any type without size limits.
Graz (AUSTRIA) 2005
Supply and assembly of 50 ton/h billet pusher furnace.

Messina (IT) 2006
Bogie hearth furnace assembly.

Udine (IT) 2005
150 ton/h bogie hearth furnace assembly.

Clabeq (BELGIUM)
Assembly annealing and quenching furnaces.

Graz (AUSTRIA) 2005
Supply and assembly of 50 ton/h billet pusher furnace.
In these years Somin s.r.l. has been specializing in the structural and plant engineering modernization of various blast furnaces. To meet every customer’s requirement.
Taranto (IT) 2009
Revamping of Blast Furnace nr. 4.

Taranto (IT) 2014
Demolition, supply and assembly of new Gas Depuration plant of Blast Furnace nr. 1

Taranto (IT) 2014
Revamping of Blast Furnace nr. 1.
Thanks to the high ductility and elasticity of the production department in meeting the demands of our customers, Somin s.r.l. produces electrostatic filters of various types and sizes.

Siena (IT) 2006
Supply and assembly electrostatic filter

Poland 2013
Supply and assembly electrostatic filter.
Somin s.r.l. is able to provide the complete revision of machineries and installations.

Pre-revamping
Welding machine for continuous sheet metal processing line upstream from the revamping process.

Post-revamping
Welding machine for continuous sheet metal processing line downstream from the revamping process.

Pre-revamping
Shear machine for continuous sheet metal processing line upstream from the revamping process.

Post-revamping
Shear for continuous sheet metal processing line downstream from the revamping process.
Manufacturing department

A technologically advanced department, qualified personnel and advanced equipment. Somin’s workshop is an organized production department, characterized by a continuous cooperation between engineers and operators, aiming to achieve the highest levels of quality while respecting the deadlines imposed by customers.

Caronno (IT) 2007

Construction and pre-assembly of vacuum dedusting system.
India 2014
Supply Venturi Throats.

Dalmine (IT) 2010
Construction and assembly perforator FTM.

France 2014
Supply flattener.

Brescia (IT) 2012
Supply and installation crusher.

Taranto (IT) 2014
Construction and pre-assembly cone of Blast Furnace.

Taranto (IT) 2014
Construction and assembly of cooling channel for Blast Furnace.
The issues of safety at work have always had an important role within the Somin s.r.l., instructing all the figures interested and involved in the production process to be leaders in injury prevention.

The great flexibility of this machine is the ability to perform multiple tasks such as drilling holes and threads as well as the ability to perform various operations also on the pipes.

Plasma cutting

System with the possibility of cutting metal sheets from a thickness of 1 mm up to 40 mm (carbon steel), from 1 mm up to 35 mm (stainless steel).

Oxy fuel cutting system: with the possibility of cutting metal sheets from a thickness of 8 mm to 120 mm.
Somin s.r.l. is able to provide a complete design, development and detailed drawings of buildings, structures, machinery and plant piping pandering to the needs and demands of customer, thanks to sophisticated 3D modeling systems.

Construction and assembly of cooling channel for Blast Furnace

Design and development assembly drawings, executive and detail to line dedusting fumes for Blast Furnace.
Design and development drawings for carpentry, ducts and casings for Gas depuration plant.

Design and development drawings and detail to the shed for storage billets.

Design and development drawings and detail to a shed used for storage coils.
Design and development drawings piping for cooling system.

Design and development drawings for piping rolling line

Design, construction and installation maintenance walkways of tension leveller.
Instruments

See below the principal instruments of Somin’s propriety.

**Total station leica TCA 1021 • 3”:**
Instruments sensitivity 0,1 mm.

**Particle counter hydac FCU 2110:**
Oil contamination detection NAS/ISO.

**EXPRESS alignment XA 1-0753:**
Instrument sensitivity 0,01 mm.

**SKF TKSA 60:**
Instrument sensitivity 0,01 mm.

**Particle counter hydac FCU 1310-4-U:**
Oil contamination detection NAS/ISO.
Particular tools

See below the principal particular tools of Somin’s propriety.

Flushing ring 3000:
flow 800 Lt/min.

Flushing ring 2500:
flow 1500 Lt/min.

Hydraulic torque hidratight wrench:
from M36 to M150 until 700 BAR.

Hydraulic torque bolttech wrench:
from M27 to M64 until 700 BAR.

Inductor fag:
until 400 mm of diameter.

Flushing ring 1000:
flow 500 Lt/min.
Somin s.r.l. during his twenty years experience in the construction and assembly industry has always operated increasing the education and training of its human resources to enhance the overall professional culture of the company and create a qualified and efficient working group.

A team that has allowed the company to achieve real and lasting results, and now Somin s.r.l. works and provides services in line with the highest quality standards.

Since 2011, to prove the quality achieved, the company has a quality management system certified by TUV Rheinland according to UNI EN ISO 9001:2008 as well as a welding management system certified also from TUV Rheinland in accordance with UNI EN ISO 3834-2.

From July 1, 2014, according to the Regulation 305/2011 of the European Union, the Harmonized Standard EN 1090-1 has become compulsory, addressed to manufacturers of steel structures or aluminum structures, or parts of these, in order to place on the market such components in Italy and in the European Economic Area. The manufacturer is required to implement a Factory Production Control (FPC) certified by a notified body and able to allow the CE marking of structures and kits intended for marketing. Within the term, Somin has achieved the certification to the harmonized standard EN 1090-1: 2009, which has been added in this way to the other certifications of the company.

As required by national legislation in the field of technical standards for construction, Somin s.r.l. has been credited to the Central Technical Service of the Superior Council of Public Works as a Center of Steel Transformation.
Is ongoing the certification of Somin Srl in accordance with VCA*2008/5.1 regulations.
Customers

• ARCELOR
• ARVEDI
• AWS CORP.SRL
• CMI SA
• CMI UVK
• CONCAST AG
• DANIELI CENTRO COMBUSTION
• DANIELI FROHLING
• DANIELI MORGARDSHAMMAR
• DANIELI WEAN UNITED
• DREVER INTERNATIONAL SA
• DUFERDOFIN
• FERRIERE NORD
• ILVA SPA
• ITALCEMENTI SPA
• KEY TECHNOLOGIES
• LAMINAZIONE SOTTILE SPA
• REDEX SA
• RIVA ACCIAIO SPA
• SMS INNSE
• SIEMENS METAL TECHNOLOGIES SRL
• TECHINT
• TENARIS
• TENOVA

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