



Cold formed welded tubes

Hollow Sections

Acciaierie d'Italia owns **three production units** for hollow sections, strategically located. A first plant is in Racconigi, to serve the markets of northern Italy and abroad. A second plant is in Salerno to serve mainly the markets of southern Italy, with the possibility of shipping by sea due to the proximity to the commercial port. A third plant is in France (Senas) and is dedicated to central and northern Europe market.

The production units are specialized in the production of cold-formed electro-welded hollow sections (**circular, square, rectangular, and special profiles**) using the coils supplied by the Group's plants.

The hollow sections are in fact produced from **black coils, pickled or hot-dip galvanized** ones, with remetallization of the weld.

Hollow sections are used for iron engineering and in various installations for structural purpose.

Some examples are **scaffolding, agricultural and earthmoving machinery, industrial carpentry, greenhouses, vineyards, micropiles** for construction, **window frames, photovoltaic** structures, and **styling elements**.

Several advantages result from the structural use of hollow sections due to resistance to operating loads, for carriability and for the suitability to truss and frames assembly.

In addition, the hollow sections allow a considerable lightening of the structures as well as allowing the passage of electrical cables and hydraulic pipes.

Facilities

Production Site:	Racconigi	Salerno	Socova
Profiling Lines (nr.)	7	4	3
Slitter (nr.)	3	-	1
Production capacity (tons/year):	260.000	100.000	100.000

Dimensional Range

	Racconigi	Salerno	Socova
Thicknesses (mm)	1,5 - 8,0*	1,2 - 4,0*	1,5 ÷ 4,0*
Diameters (mm)	20 ÷ 219*	20 ÷ 152*	25 ÷ 152*
Length (mm)	5.000 ÷ 13.000**	4.000 ÷ 12.000	4.000 ÷ 15.000
Max pack weight (Kg) (6 mt)	2.000	2.000	1.500

*Thicknesses and diameters can change depending on the steel grade.
**Maximum length depending on profile.

Main reference quality standard

Applications	Standard	Steel Grade
Structural Pipes	EN 10219	S235; S275; S355
Precision tubes	EN 10305/3-5	E155; E190; E195; E220; E260 E275; E320; S355

Certifications according to the international regulations

Quality Management System UNI ISO 9001:2015.
Certificate of Production Control and Declarations of Conformity “CE Mark” (EU Regulation 305/2011 ex Directive 89/106 / EC)
for structural profiles standard UNI EN 10219-1: 2006.