







# HIGH TECHNOLOGY & EXPERIENCE

Advanced technology, experience consolidated over the years, the constant search for quality, flexibility and customer service, are the strong points of **Arvedi Tubi Acciaio S.p.A.**, a leader in welded tube for special applications.

With a production capacity of over 600,000 tpy, the Cremona-based company holds a considerable share of the market in the automotive, mechanical applications, heat transfer and pressure equipment, piping, industrial and civil constructions.

Its stretch-reducing mill and HFI welding lines, fitted with the most advanced automation technology, allow customer to be offered a vast range of products that can meet the strictest requirements and standards.

**ATA's** production range meets the requirements of three basic areas of application, namely special, energy and civil engineering and includes round tube and pipe in diameters from 17.2 to 355.6 mm. Square hollow section from 100x100 to 300x300 mm and rectangular hollow section from 120x80 to 400x200 mm in a range of wall thicknesses from 1,2 to 16 mm.







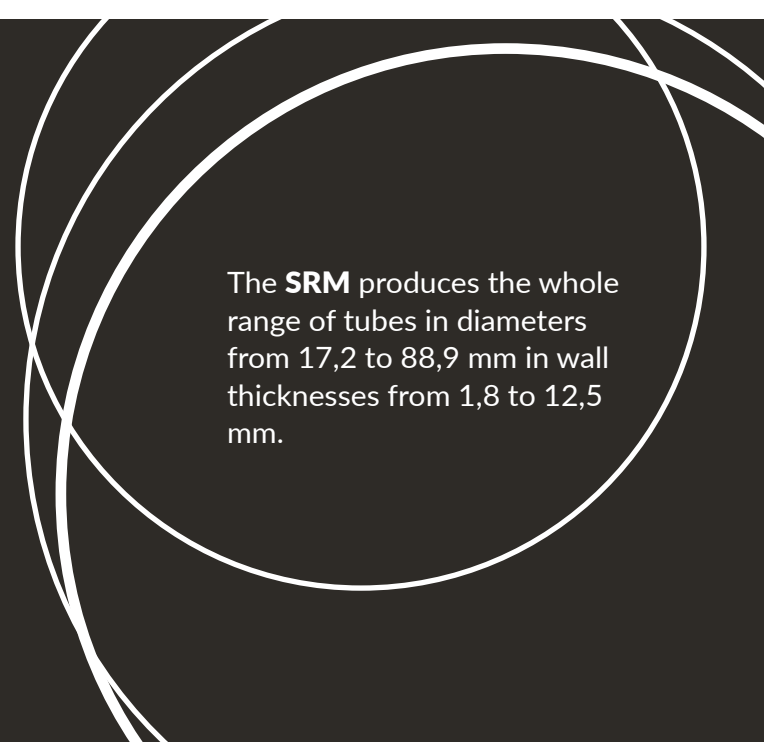
# HOT STRETCH REDUCED

**Arvedi** hot rolled tubes (**Arvedi LC**<sup>®</sup> and **GSM**<sup>®</sup>) are produced on the hot stretch-reducing mill, a unique plant that allows to obtain small and medium diameter tubes with the internal bead removed.

The plant dates back to 1973 when the stretch reducing mill (**SRM**) was installed downstream from a high frequency welding line (**HFI**), an absolute innovation in Europe.

Starting with black and galvanised gas and water pipe production with the trademark **Arvedi LC** (hot rolled), in the course of two years it was able to propose a new product, **GSM**, heavy wall hot reduced tube for specialist applications.

The excellent degree of workability, appreciated by users of **Arvedi LC**<sup>®</sup> and **GSM**<sup>®</sup> tube, is the result of a controlled hot reduction process which, besides supplying the tube in the normalized state, guarantees complete homogeneity of the material's mechanical and physical characteristics. The **SRM** produces the whole range of tubes in diameters from 17,2 to 88,9 mm in wall thicknesses from 1,8 to 12,5 mm.



The **SRM** produces the whole range of tubes in diameters from 17,2 to 88,9 mm in wall thicknesses from 1,8 to 12,5 mm.

## ARVEDI GSM<sup>®</sup> TUBES

The characteristics of homogeneity and workability of **Arvedi hot stretch reduced** tubes are enhanced in the heavy wall mechanical tubes (**GSM<sup>®</sup>**) where the ratio between wall thickness and diameter is pushed to ratios of over 30%.

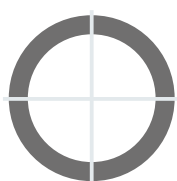
**GSM** tube presents a smooth internal surface without the welding bead, even for small diameter and heavy wall products, as it is rolled from a large diameter welded tube from which the bead has been removed. **GSM** is therefore suitable for cold drawing and for all mechanical processing's which require a good internal tube surface.

**The peculiarity of Arvedi process is due to the rolling of HFI welded mother shell on stretch reducing mill.** The Arvedi mother shell is not obtained from billet "piercing" (as for seamless process).

In addition, the Arvedi mother shell starts from a strip with limited thickness variations. **All these peculiarities guarantee superior geometrical characteristics, negligible and limited internal polygonality of tubes produced.**

Synergy with Acciaieria Arvedi allows it to develop new products made with special steels and aimed at specific projects. The production line from the steel to the finished and pre-processed tube responds with ideas and solutions, even personalised ones, to the most varied demands.

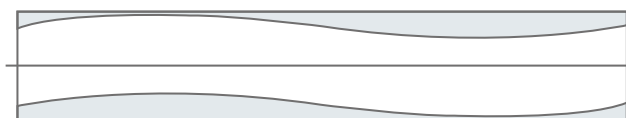
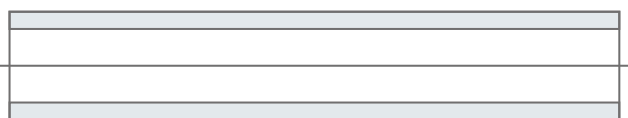
## ARVEDI LC<sup>®</sup>/GSM vs SEAMLESS



**CONCENTRIC**



**ECCENTRIC**



### **ARVEDI LC/GSM**

eccentricity absent or negligible both in the cross section and along the tube length

### **SEAMLESS**



# ROUND TUBES

## MANUFACTURING PROGRAMME

Tubes and pipes

mm	1,2	1,5	2,0	2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0	8,0	9,0
17,2			●	●	●	●									
19,0-20,0-21,3	●	●	●	●	●	●	●	●	●	●					
25,4	●	●	●	●	●	●	●	●	●	●	●				
26,4-26,9-28,0	●	●	●	●	●	●	●	●	●	●	●				
30,0-30,8-32,0	●	●	●	●	●	●	●	●	●	●	●				
33,7	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
35,5	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
38,0-40,0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
42,0-42,4		●	●	●	●	●	●	●	●	●	●	●	●	●	●
44,5-45,0		●	●	●	●	●	●	●	●	●	●	●	●	●	●
48,0-48,3		●	●	●	●	●	●	●	●	●	●	●	●	●	●
50,0-50,8-51,0		●	●	●	●	●	●	●	●	●	●	●	●	●	●
54,0-56,0-57,0		●	●	●	●	●	●	●	●	●	●	●	●	●	●
60,0-60,3		●	●	●	●	●	●	●	●	●	●	●	●	●	●
63,5-65,0		●	●	●	●	●	●	●	●	●	●	●	●	●	●
70,0-72,0-73,0		●	●	●	●	●	●	●	●	●	●	●	●	●	●
76,1			●	●	●	●	●	●	●	●	●	●	●	●	●
80,0-82,5			●	●	●	●	●	●	●	●	●	●	●	●	●
88,9-90,0			●	●	●	●	●	●	●	●	●	●	●	●	●
100-101,6			●	●	●	●	●	●	●	●	●	●	●	●	●
108,0				●	●	●	●	●	●	●	●	●	●	●	●
114,3-115				●	●	●	●	●	●	●	●	●	●	●	●
127,0					●	●	●	●	●	●	●	●	●	●	●
133,0					●	●	●	●	●	●	●	●	●	●	●
139,7					●	●	●	●	●	●	●	●	●	●	●
152,4					●	●	●	●	●	●	●	●	●	●	●
159,0					●	●	●	●	●	●	●	●	●	●	●
168,3					●	●	●	●	●	●	●	●	●	●	●
177,8						●	●	●	●	●	●	●	●	●	●
193,7							●	●	●	●	●	●	●	●	●
219,1							●	●	●	●	●	●	●	●	●
244,0							●	●	●	●	●	●	●	●	●
273,0							●	●	●	●	●	●	●	●	●
323,9								●	●	●	●	●	●	●	●
355,6											●	●	●	●	●

- HOT STRETCH REDUCED
- HOT STRETCH REDUCED + WELDED (COLD FORMED AS WELD / SEAM ANNEALED / HOT FINISHED)
- WELDED (COLD FORMED AS WELD / SEAM ANNEALED / HOT FINISHED)









# HOLLOW SECTION

## SQUARE & RECTANGULAR TUBES

imperial sizes (inches)

**Arvedi** round, square and rectangular structural tubings are cold-formed high frequency induction-welded tubings and made in pound-inch formats (imperial sizes) in conformance with standard **ASTM A500** or according to the customer's drawings or specifications.

**Arvedi** structural imperial size tubings are supplied in commercial or customized lengths, (with the option of removal of the internal bead) with plain ends in the following steel grades:

<b>standard:</b> Gr. B - Gr.C	<b>high strength low alloy (HSLA):</b> 50.000 psi & 60.000 psi minimum yield strength	<b>ultra high strength (UHSS):</b> 70.000 psi & 100.000 psi minimum yield strength
----------------------------------	--	---

and other steel grades with specific mechanical characteristics and / or to customer specifications. Tubing supplied are accompanied by a Certificate of Compliance or a Test Report (Material Certificate) as specified in the purchase order.

SQUARE	0,18	0,188	0,25	0,313	0,375	0,5	0,625	RECTANGULAR
4" x 4"	■	■	■	■	■	■		5" x 3"
4 1/2" x 4 1/2"	■	■	■	■	■	■		5" x 4"
	■	■	■	■	■	■		6" x 3"
5" x 5"	■	■	■	■	■	■		6" x 4"
5 1/2" x 5 1/2"	■	■	■	■	■	■		6" x 5"
	■	■	■	■	■			7" x 3"
	■	■	■	■	■	■		7" x 4"
6" x 6"	■	■	■	■	■	■	■	7" x 5"
			■	■	■			8" x 3"
	■	■	■	■	■	■		8" x 4"
7" x 7"	■	■	■	■	■	■	■	8" x 6"
			■					9 1/2" x 4"
	■	■	■	■	■	■		10" x 3"
	■	■	■	■	■	■		10" x 4"
8" x 8"			■	■	■	■	■	10" x 6"
			■	■	■	■	■	10" x 8"
			■	■	■	■		12" x 4"
			■	■	■	■	■	12" x 6"
10" x 10"			■	■	■	■	■	12" x 8"
12" x 12"						■		16" x 8"



# HOT FINISHED



### CERTIFIED STEEL

For the steel grades included in the standard **EN10210-1** **Arvedi LEONARDO** Hot Finished Hollow Sections supplies are CE certified and are accompanied by **EN10204 3.1** certificate and declaration of performance (in accordance with Regulation EU 305/2011).

### Arvedi LEONARDO

Hot Finished Hollow Sections is CE certified for construction products: **EN 10210 license no. CE 1608 CPR P063.**

**Arvedi LEONARDO** hot finished structural hollow sections are HFI welded tubes made in accordance with standard EN10210-1/2/3 as well as the special features of cold-formed welded tubes, such as:

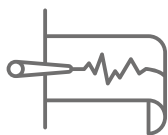
- precision, control and uniformity of geometry and dimensions,
- absence of eccentricity,
- close tolerances on wall thickness,
- precision on the corner radius,
- excellent surface finishing, both in terms of absolute roughness and surface scale (in line with the prescriptions of standard EN 10163-3 class D, subclass 3),
- customizable sizes and lengths.

**Arvedi LEONARDO** have all the benefits of hot finished tubes, such as:

- homogeneity of the technical characteristics: workability, weldability, ductility, plasticity and bendability,
- absence of residual stresses in the section corner areas and the tube welding area,
- suitability for weld on the corner over the whole Arvedi size range, overcoming the limits defined in Eurocode 3 (also for wall thicknesses > 12.5 mm);



**Arvedi LEONARDO**, thanks to the type of full body normalizing heat treatment:



are optimal for use in **building steel structures in seismic areas**



thanks to the extensive plastic field they **have a large capacity to absorb energy**, a characteristics with makes them ideal for the constructions, structures, and machinery subject to sudden loads, repeated loads, fatigue and vibrations



**are ideal for curving and bending** and generally have a high workability



# The perfection of **cold formed** with all the benefits of **hot finished**

## **WELDING ASPECT:**

welding and heat affected zone completely transformed;

- (optionally) inner seam can be removed upon request,
- control of the position of the internal welding seam, always at the center of the larger side

## **CORNER RADII:**

precise and tight corner profile,

- external radius  $< 2 \times T$   
(stricter than the standard requirement: radius  $\leq 3 \times T$ ).
- same thickness on the side and corner of the section;
- no residual stress, same structure, same hardness as the base material

## **SECTION SHAPE:**

zero eccentricity,

- uniform wall thickness and weight along the whole length of the single tube or hollow section and no differences between one and another

## **SURFACE:**

better surface aspect and finishing,

- scale-free,
- low roughness.





# PRECISION TUBES

## APPLICATIONS

### WELDED PRECISION TUBES

Starting from steel strips, produced by **Acciaieria Arvedi**, which guarantee constant mechanical characteristics and close wall thickness tolerances, **ATA** produces high frequency induction welded (HFI) precision tubes in conformance with standard **EN 10305-3** and in accordance with customer specifications.

These tubes, which have the most stringent prescriptions on dimensional tolerances are often processed with deep deformations and the obtained finished products are then frequently subjected to occasional loads or continuous fatigue stress.

Industrial parts, machinery such as rolls, moving structures and crane parts are examples of their applications.

### MOTHER SHELL FOR COLD DRAWING

**ARVEDI Mother shell for cold drawing** represent **ATA's** core business where it is the leading European company and the only independent supplier of these products.

These tubes can be produced as hot stretch-reduced or welded from black or pickled stripe, to standard **EN10305-3, EN10210, EN 10296** or to customer specification; they are made in a wide range of steel grades and in the full size range of diameters from 17 to 355,6 mm and wall thicknesses from 1.5 to 16 mm.

**ARVEDI** mother shell are suitable for cold drawing to obtain tubes with close tolerances and low roughness used in particular in the automotive sector and hydraulic and pneumatic industry.



# PRECISION TUBES

## APPLICATIONS

### ARVEDI AUTOMOTIVE TUBES

Integration upstream with **Acciaieria Arvedi** guarantees short supply times of the raw material and considerable production flexibility.

Integration downstream with **Metalfer Spa** and **Metalfer Automotive** offers the end customers the possibility of receiving the cut-to-size tube on a just-in-time basis.

The high frequency induction welded (HFI) precision tubes produced by **ATA** in accordance with **EN 10305-3** and / or in accordance with customer specifications are used in the car and truck components sector. **Arvedi Tubi Acciaio** is an appreciated supplier of the leading car manufacturers and their subcontractors. The quality management system at **Arvedi Tubi Acciaio** in Cremona is certified **IATF 16949**.

Thanks to a team composed of engineers and experts in the sector, it supports customers in the various project phases, from the choice of steel to the development of the product down to the launch of the finished series, guaranteeing efficient after-sales assistance.

Synergy between **Acciaieria Arvedi** and **ATA** leads to the development of specific steel grades dedicated to individual projects.

Once they are series, these grades are produced with innovative **ISP** and **ESP** processes with controlled thickness, mechanical and physical characteristics, properties appreciated by car manufactures which become constancy and uniformity of behavior under processing and then in performances on the vehicle.

Subsequent processing carried by the customers includes bending, hydroforming, cold and hot forming and mechanical processing for making small and large series of automotive parts such as axles, camshafts, stabilizing bars, chassis parts, engine and bodywork supports and reinforcements and safety parts.



# ENERGY AND POWER

## APPLICATIONS

### BOILER TUBES AND HEAT EXCHANGERS

**Arvedi** tubes for pressure applications are high frequency welded (HFI) products in alloy and non al-alloy carbon steels.

The excellent final characteristics are achieved using raw materials of constant and uniform quality from **Arvedi Acciaieria ATA**'s special production equipment which allows close dimensional tolerances to be respected.

The results are better workability and repeatability in the welding, rolling expansion and curving phases. These tubes are mainly used in industrial and domestic boilers, high and low temperatures heat exchangers and in applications for the conveyance of pressurized fluids in the chemical and petrochemical industry.

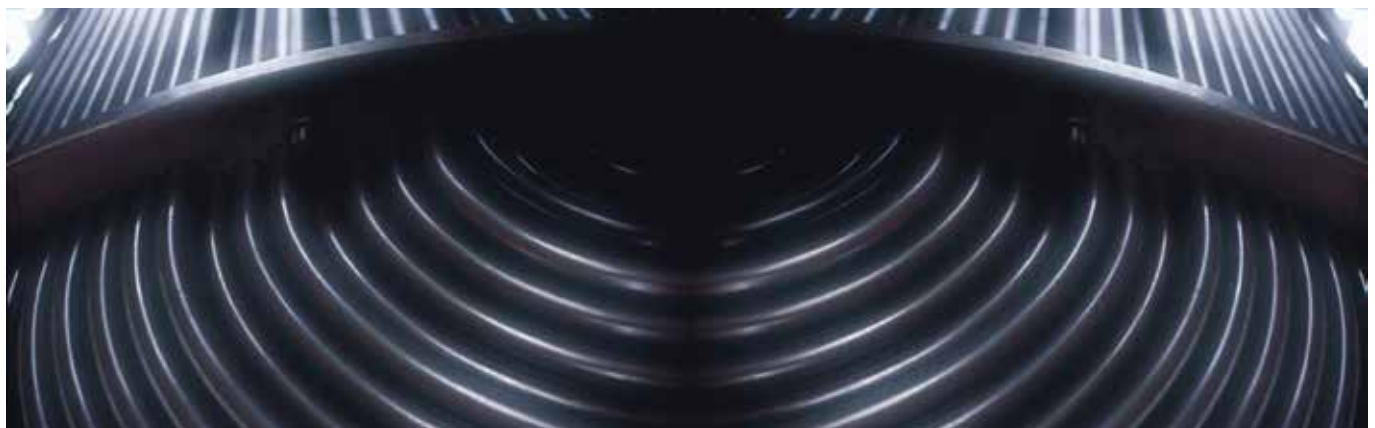
The reference standards are:

<b>EN 10217-1</b> for uses at ambient temperature	<b>EN 10217-2</b> for uses at high temperatures	<b>EN 10217-3</b> for fine grain alloyed tubes	<b>EN 10217-4</b> for uses at low temperatures	<b>ASTM A214</b> electrically welded carbon steel heat exchangers and condensers	<b>ASTM A178</b> electrically welded carbon steel tubes for boilers and heat exchangers
--	--	---	---	---	--

The tubes for pressure applications can be supplied in lengths up to 15 meters and in the following states:

welded and calibrated	seam annealed	normalized in a controlled atmosphere	hot rolled
-----------------------	---------------	---------------------------------------	------------

On request, in the order phase, it can be agreed to supply the tubes by completing the product documentation with **PED** (pressure equipment directive) certification in conformance with the requirements of **PED 2014/68/EU** or the certification **AD 2000 W4/TRD 102**.







# ENERGY AND POWER

## APPLICATIONS

### DISTRICT HEATING

**Arvedi** produces and supplies tubes for district heating in line with the provisions of standard **EN253** and stringent customer specifications.

**ARVEDI** tubes for district heating are welded tubes produced in accordance with the series of standards **EN10217** and can be supplied seam annealed or full body normalized, they are made in steel grades provided by the standards or in special steel grades, in accordance with customer specifications and ensure use in extreme conditions; depending on the application requirements the **ARVEDI** tubes can be supplied in lengths ranging from 6 to 16 meters.

As completion of product documentation **Arvedi Tubi Acciaio** can provide **PED** (pressure equipment directive) certification in compliance with the requirements of European Directive **PED 2014/68/EU**.

### WATER PIPE

**Arvedi Tubi Acciaio** uses high quality carbon steels characterized by excellent physical and mechanical properties.

The repeatability of these characteristics allows tubes to be obtained that are highly weldable and workable in the installation phase.

The water pipes are produced with (HF) longitudinal welding from hot rolled strip, comply with the prescriptions of standard **EN 10224** and can be coated externally with polyethylene and lined internally with epoxy varnish.

**Arvedi** water pipes are made and supplied in compliance with standard **EN10244** and CE certified and are accompanied by a declaration of performance (as per regulation EU 305/2011).



# GAS & WATER

## ARVEDI LC® TUBES

**Arvedi LC®** is the **Arvedi** trademark that identifies the production of tubes and pipes for the plumbing and heating sector obtained with a hot rolling process.

These tubes and pipes, in compliance with standard **EN 10255**, are used for plumbing and heating equipments.

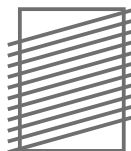
After the production process these tubes and pipes can be hot-dip galvanized **EN 10240** using lead-free zinc with a high degree of purity.



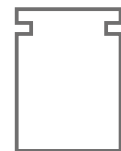
**Arvedi LC® tubes** can be supplied with the following end finishing:



plain end, square cut or beveled



external taper threads (EN 10226-1) without or with socket



grooved: suitable for using "Vitaulic"-type screwed couplings

**Arvedi** EN10255 galvanized tubes are approved for drink water consumption DIN-DVGW reg.num. NW-7101AT2461 and optionally are marked and certified accordingly this spec.



# GAS & WATER

## PIPING & SERVICES

The range of pipes for plumbing and heating systems is completed with tubes destined to industrial piping and services.

### ARVEDI ARCO® PREPAINTED PIPE

**Arvedi Arco®** is the Arvedi trademark that identifies the pre-painted pipes. Tubes are produced in accordance with standard **EN 10255/10208-1/10217-1**. The colour identifies the fluid being conveyed. **Arvedi** offers pre-painted tube which allows faster plant construction and delivery times as it avoids the installer having to paint the tubes on site. Characteristics such as resistance to attack by atmospheric agents, good adherence to bending and resistance to abrasion make these products suitable for various civil and industrial applications.



### ARVEDI CONDUIT



**Arvedi LC®** conduits are produced in accordance with standard **UNI 7683**. **Arvedi LC® AD-PE** are specifically destined to the conduit system for electrical installations of the explosion-proof type.

**Arvedi LC® AD-PE** tubes allow the construction of installations in accordance with the provisions of current legislation.

**Arvedi LC® AD-PE** conduits are bendable, without sharp edges, burrs or surface projections that can damage insulated conductors or cables.

**Arvedi LC® AD-PE** steel pipes, galvanized in accordance with EN 10240, are supplied in standard lengths of 6 metres with threaded ends (UNI 6125), with AD UNI 7684 socket onto one end, while the other end is protected with a plastic cap.





# ENERGY AND POWER

## APPLICATIONS

### LINE PIPE

**ARVEDI** line pipes are tubes destined for conveying pressurized fluids and are typically used in the civil and industrial oil & gas sectors. These pipes are supplied both bare and coated in polyethylene and are produced and supplied in accordance with standard **API5L** and **ISO3183**.

### OCTG CASING AND TUBING

**OCTG** tubes are used in wells and oil & gas production plants; these tubes are produced and supplied in compliance with standards **API5CT** and **ISO11960**. **ATA** produces **OCTG** tubes using high frequency induction welding (HFW) without the addition of filler metals.

Following welding:

- diameters up to 3"; are rolled in a hot stretch-reducing mill;
- diameters over 3 1/2"; are normalized along the weld area or full body normalized.

**Arvedi** tubes are produced in the following Group 1 steel grades:

- H40 / K55 / J55 / N80

A particular steel grade is also available:

"**J55 upgradable**"; developed in collaboration with **Acciaieria Arvedi**, suitable for upgrading to steel grades **N80**, **L80** and **P110**.

Production range of **API 5CT**:

LABEL diameter	OD		Wall thickness		Weight	
	Inch	mm	Inch	mm	lb/ft	Kg/m
1.050	1.050	26.7	0.113	2.87	1.14	1.70
			0.154	3.91	1.48	2.20
1.315	1.315	33.4	0.133	3.38	1.70	2.53
			0.179	4.55	2.19	3.26
1.660	1.660	42.4	0.125	3.18	2.09	3.26
			0.140	3.56	2.27	3.39
			0.191	4.85	3.03	4.51
1.900	1.900	48.3	0.125	3.18	2.40	3.53
			0.145	3.68	2.72	4.05
2.063	2.063	52.4	0.200	5.08	3.65	5.43
			0.156	3.96	3.24	4.70
2 3/8	2.375	60.3	0.225	5.92	4.50	6.74
			0.167	4.24	4.00	5.95
2 7/8	2.875	73	0.190	4.83	4.60	6.85
			0.254	6.45	5.80	8.63
3 1/2	3.500	88.9	0.217	5.51	6.40	9.52
			0.276	7.01	7.80	11.61
4	4.000	101.6	0.216	5.49	7.70	11.46
			0.254	6.45	9.20	13.69
4 1/2	4.500	114.3	0.289	7.34	10.20	15.18
			0.226	5.74	9.50	14.14
			0.262	6.65	10.70	16.36
			0.271	6.88	12.60	18.75



# GEOTECHNICAL SYSTEMS

## APPLICATIONS

### TUBES FOR CONSOLIDATION

Arvedi Tubi Acciaio is the European leader in the production of hot rolled tubes for the manufacture of self-drilling anchor systems, used for tunnelling, mining consolidation, for steep slopes and landslides stabilising.

The standard steel grades are **S355J2H, S355NH, S355 mod, S460NH, 28MN6, 34MNB5, 38MNB5.**

In collaboration with its customers' technical offices **ATA** studies and develops suitably customised and optimised steel grades and specific sizes in order to increase the workability of the anchors and obtain the best performances on site and in operation.



### EXPANDABLE ROCK BOLTING SYSTEM

These special profiles are produced according to customer requirements or according to **ATA** specification and can be supplied as weld based on tailored chemical analysis or full body normalized.

### MICROPILING

Micropiling is produced in compliance with standard **EN 10219** or **EN 10296** in commercial length bars, with the internal bead removed and with smooth ends in the following steel grades:



#### BASIC STEELS

S235  
S275  
S355J2

#### HIGH STRENGTH

S420MH  
S460MH

#### ULTRA-HIGH STRENGTH

S500MC  
S700MC

#### OTHER STEEL

grades with high mechanical characteristics:  
N80

For the steel grades included in the standard **EN10210-1** and **EN10219-1** supplies are CE certified and are accompanied by **EN10204** certificate and declaration of performance (in accordance with Regulation EU 305/2011).





# SYSTEM CERTIFICATIONS APPLICATIONS



	Certifications	Date first issued	Issue by
Quality	ISO 9001	26/01/1987	IGQ
	IATF 16 949	20/11/2001	IGQ
Environment	ISO 14001	12/05/2005	IGQ
Health & Safety	ISO 45001	31/12/2009	IGQ
Energy	ISO 50001	03/09/2014	IGQ



## PRODUCT CERTIFICATIONS



5CT - 0392  
5L - 0293



PED 2014/68/EU  
DRG-0036-QS-W  
54/2002/MUC-001



AMMM00001HV



1608 CPR P063  
EN10210  
1608 CPR P064  
EN10219  
1608 CPR P129  
EN12899  
EN10224  
EN10255



NW-7101AT2461



S-P-06004  
www.environdec.com



# ENVIRONMENT

## A CERTIFIED PASSION

**Arvedi Tubi Acciaio's** commitment to the environment is proven by its constant monitoring of emissions and strict compliance with local, regional and national standards and legal requirements. In 2005 it was among the first Italian companies to obtain **ISO 14001** certification and in 2022 it confirmed its carbon footprint awareness certification with its Environmental Product Declaration (EPD) relative to structural hollow sections.

It is certified according to **ISO 45001**, a management system which involves the ownership, management and all employees in a programme of continuous improvement to ensure worker health and safety.



To further reduce its impact on the environment, particular attention is paid to energy saving with the implementation of an energy management system, certified in compliance with **ISO 50001**, aimed at constantly improving energy efficiency.

Thanks to **ISO 9001** certification relative to the production of tubes for special applications and **IATF 16949** certification for automotive products together with a spirit of innovation aimed at improving production process performances, Arvedi Tubi Acciaio works to strengthen customer relations and constantly improve customer satisfaction with products and performances.

An important step in its development was the adoption of the Organisation, Management and Control Models in accordance with Italian Decree Law 231/01 and the definition of a Code of Ethics which clearly define the overall values which inspire **Arvedi Tubi Acciaio** and set out clear rules of behaviour for its professional activities.



# Finarvedi SpA

**Finarvedi** is the holding company of the **Arvedi Group**, the core business of which is composed of steelmaking activities with annual volumes of

over 5 million tonnes of products characterised by high quality and destined for the most demanding markets.

## Carbon steel

## Stainless steel

**Acciaieria Arvedi**



integrated into the Cremona supply chain and equipped with a metallurgical complex for cold rolling special steels of high added value

**Arvedi AST**



manufacturer and distributor of stainless steel coils and tubes and special carbon steel forged products

**Arvedi Tubi Acciaio**



manufacturer of welded carbon steel tubes

**iltainox**



operating in the stainless steel welded tube sector

**Metalfer**



manufacturer of cold drawn welded carbon steel tubes

**Arinox**



manufacturer of re-rolled stainless steel precision strip

**Arvedi Metalfer Brasil**



manufacturer of welded and cold drawn carbon steel tubes



# Leonardo

cold formed | hot finished | green heart

**GREEN MAKES DIFFERENCE**

**100% steel** from an **innovative process**



**Arvedi Tubi Acciaio**



**Arvedi Tubi Acciaio S.p.A**

Via Acquaviva, 3 Zona Porto Canale  
26100 Cremona (Italy)  
Tel.+39 0372 4091  
Fax +39 0372 413170  
sales@ata.arvedi.it

[www.arvedi.it](http://www.arvedi.it)