

Acciaieria**Arvedi**



Cold rolled steel



Acciaieria Arvedi, **through its new metallurgical complex** in Trieste, is able to offer its **cold rolled** products in a vast range of grades and sizes.

The Trieste work:

- Surface area: 60,000 m²
- Cold rolling production capacity: 1.5 million tonnes/year
- Pig iron production capacity: 1 million tonnes/year
- Intermodal logistic hub

The production lines:

- 1 x 5-stand cold rolling mill
- 1 skinpass
- 32 bell furnaces for static annealing
- 2 slitters



AcciaieriaArvedi Trieste work

Strong point of Arvedi cold rolled products

Quality the innovative hot rolling process in Cremona allows the procurement of coils with outstanding geometric characteristics for the production of cold rolled steels with unique features

Processability cold rolling at our Trieste works is able to maintain unchanged the fine grain, homogeneous structure of the base steel produced in Cremona and therefore its high formability characteristics

Flexibility our R&D department has developed a wide product mix in special steel grades and ultrathin gauges available in a minimum lot of just 1 coil

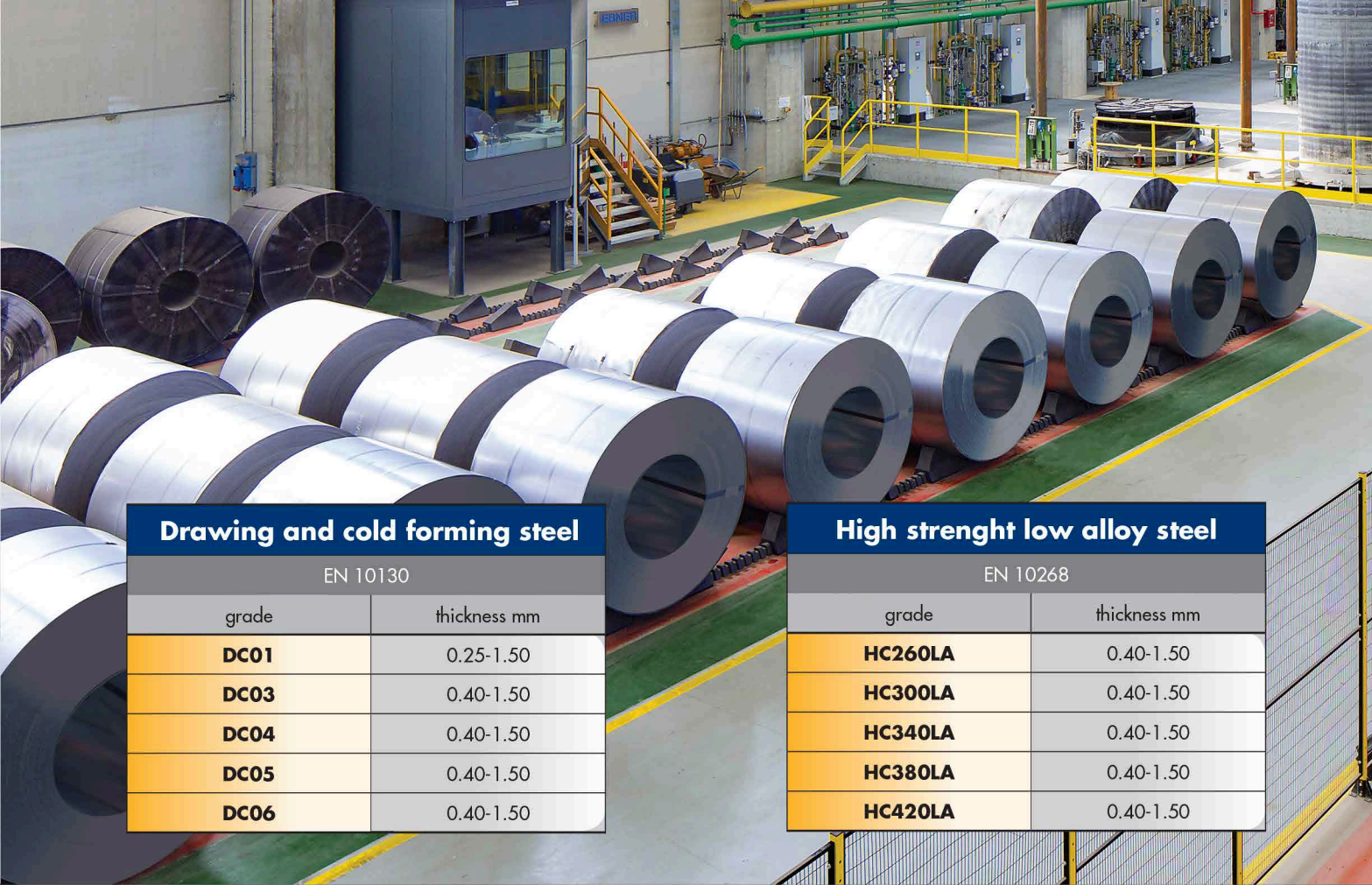
Assistance our technicians are available to study and search for the best solutions for making the end products

Surface clean and defect-free suitable for the most demanding applications

Close tolerances highly precise gauge, flatness and crown with particularly close and uniform tolerances

Reliability repetitive mechanical and geometrical characteristics homogenous for all supplies





Drawing and cold forming steel

EN 10130

grade	thickness mm
DC01	0.25-1.50
DC03	0.40-1.50
DC04	0.40-1.50
DC05	0.40-1.50
DC06	0.40-1.50

High strenght low alloy steel

EN 10268

grade	thickness mm
HC260LA	0.40-1.50
HC300LA	0.40-1.50
HC340LA	0.40-1.50
HC380LA	0.40-1.50
HC420LA	0.40-1.50

Main charatteristics of cold rolled steel

SURFACE ROUGHNESS	SYMBOL	µmetri
		µmetri
bright	b	$Ra \leq 0.4 \mu m$
semi-bright	g	$Ra \leq 0.9 \mu m$
normal	m	$0.6 \mu m < Ra < 1.9 \mu m$
rough	r	$Ra > 1.6 \mu m$

internal diameter

min mm	max mm
508	610

coil weight

min	max
14 kg/mm	20 kg/mm

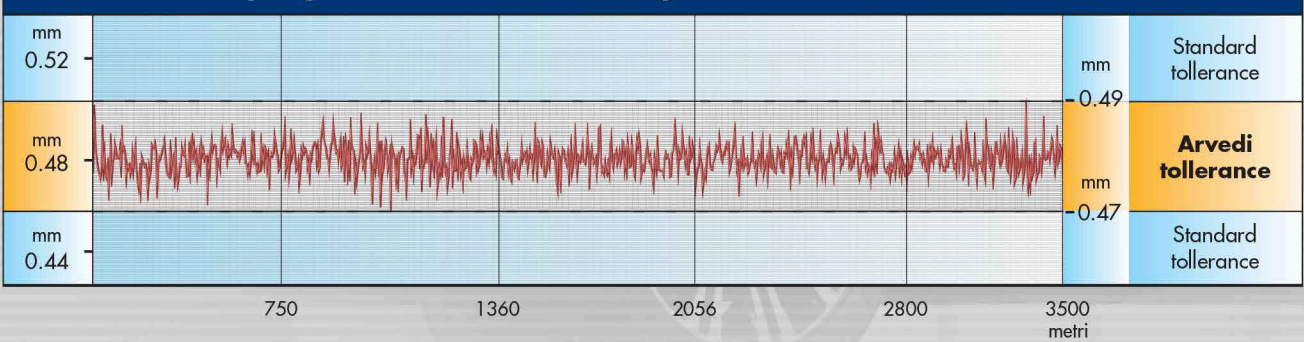
width mm

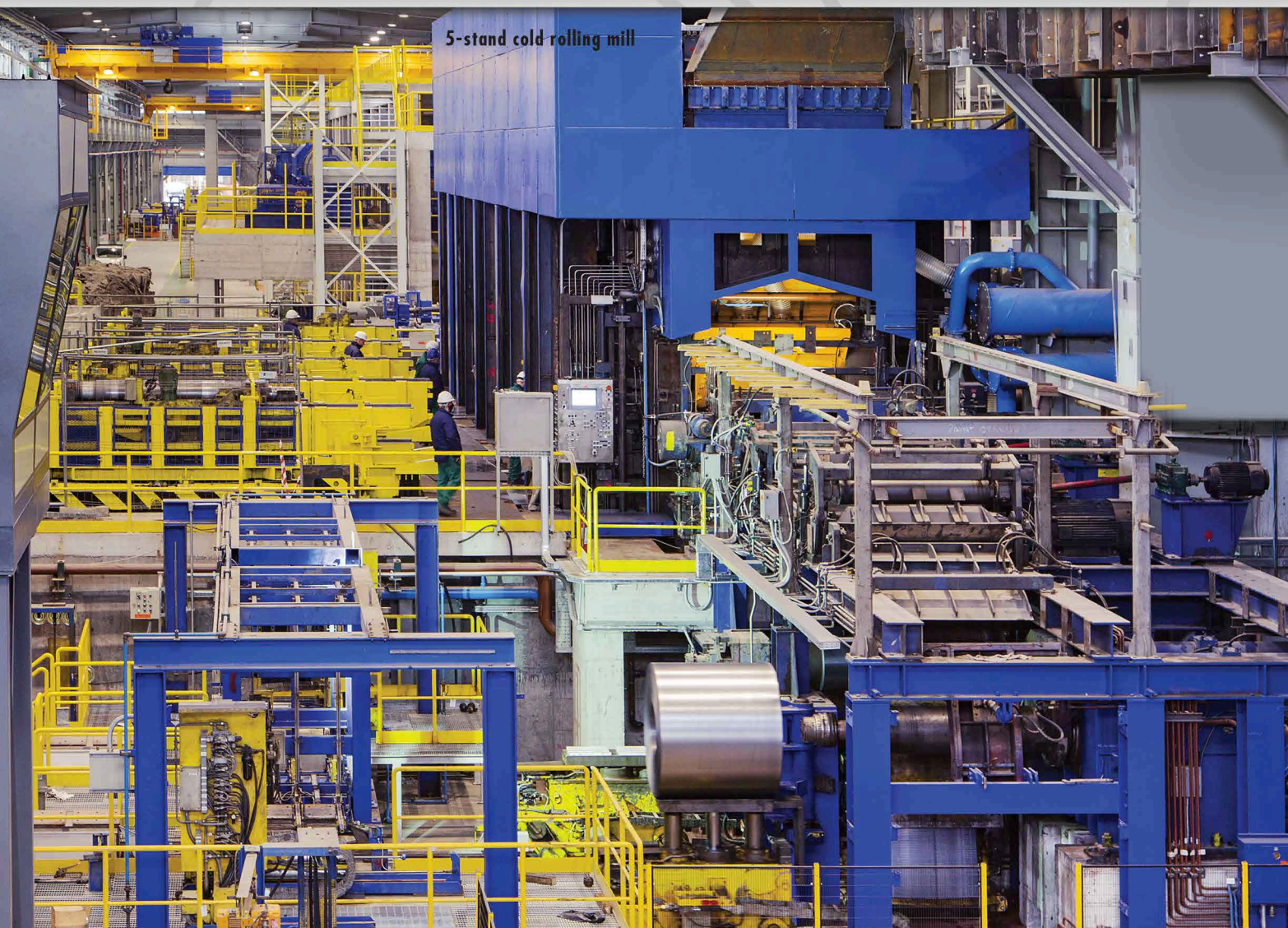
min	max
50	1550

thickness mm

min	max
0.25	1.5

Constant gauge for the whole coillenght Coil nr. 171000722 width 1500 Th. 0.48 Longitudinal Profile







Aerial view of the steelworks and the new finishing plants

Quality • Environment • Safety: always our guiding concepts

Acciaieria Arvedi's environmental and safety policies are based on the recognition of the importance of protecting the environment and health and safety at work.

The environment, health and safety at work and the relative results of these - as shown from the environmental management system certification in accordance with ISO 14001:2004 and OHSAS 18001:2009 - are considered an essential part of the company's management system.



ISO 14001

Istituto Italiano di Garanzia della Qualità and the company Del Norske Veritas Italy have certified the environmental management systems of Acciaieria Arvedi, Arvedi Tubi Acciaio and Iltis Inox designed according to ISO 14001.



Germanischer Lloyd
WZ 644 111

Licences, approvals and product certifications:

Type of certification

AD Merkblatt W 0/TRD 100

EC marking in conformance with Directive Steel for structural 89/106/CEE of the EC Council of 21/12/88

Authorisation decree DM 9/1/96 by the Public Works Ministry for construction steels.

Field of application

Field of application

Steel for structural applications as per EN 10025-2

Metallic constructions

by

TÜV

IGQ

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Printed on 20.10.2016