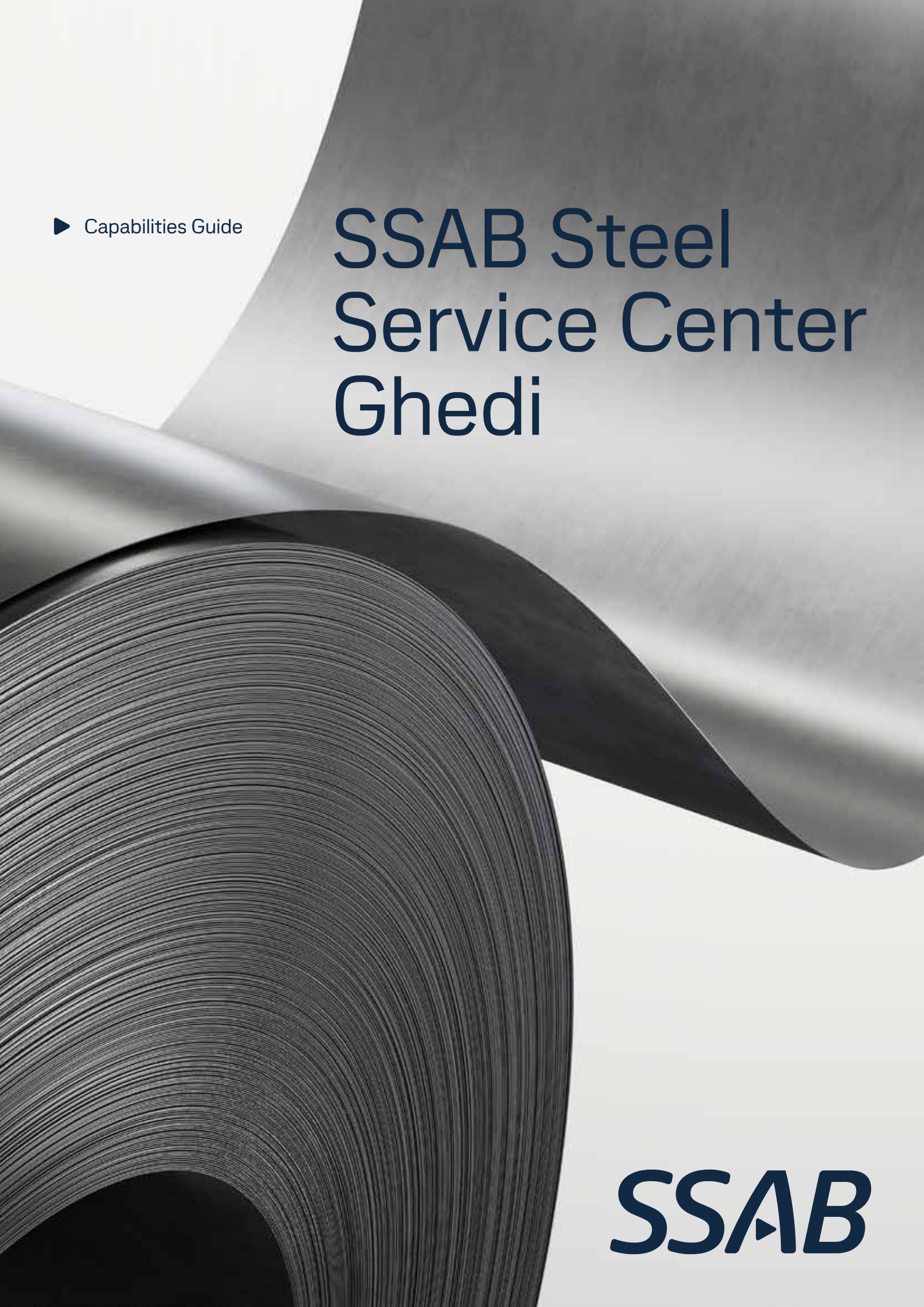


The background of the cover features a close-up, artistic photograph of a large roll of dark, metallic steel coils. The coils are stacked and curved, creating a sense of depth and texture. The lighting highlights the metallic sheen and the repetitive layers of the steel.

► Capabilities Guide

SSAB Steel Service Center Ghedi

SSAB

At the Steel Service Center in Ghedi, Italy, steel processing is carried out by highly skilled personnel, with rigorous checks at every stage of the process.

Our cut-to-length line can transform hot-rolled (HR) steel grades with a yield strength of up to 1,350 MPa, accommodating thicknesses up to 16 mm and widths up to 2,000 mm. Additionally, through an integrated system of subcontractors, we also provide services such as pickling, slitting, shear blanking, and the processing of cold-rolled and metal-coated cut-to-length materials.

The facility features a 13,000 m² covered area, out of a total of 25,000 m².



Production Capabilities

Material Types

- Hot Rolled Sheet (HRS).
- Hot Rolled Pickled & Oiled Sheet (HRPS).

Outgoing Material Dimensions

Length

- From 600 mm up to 12,400 mm.

Bundle Weight

- Up to 5,000 kg per bundle for lengths < 6,000 mm.
- Up to 10,000 kg per bundle for lengths ≥ 6,000 mm.

Maximum Height

- 500 mm (without wooden beams).

Packing Specification

- Bundles supplied with wooden beams and secured using steel straps.
- Applicable for sheet widths 1,250 mm and 1,500 mm.
- Label is manually inserted between sheets.

Standard Cutting Capabilities

Maximum Strength by Thickness

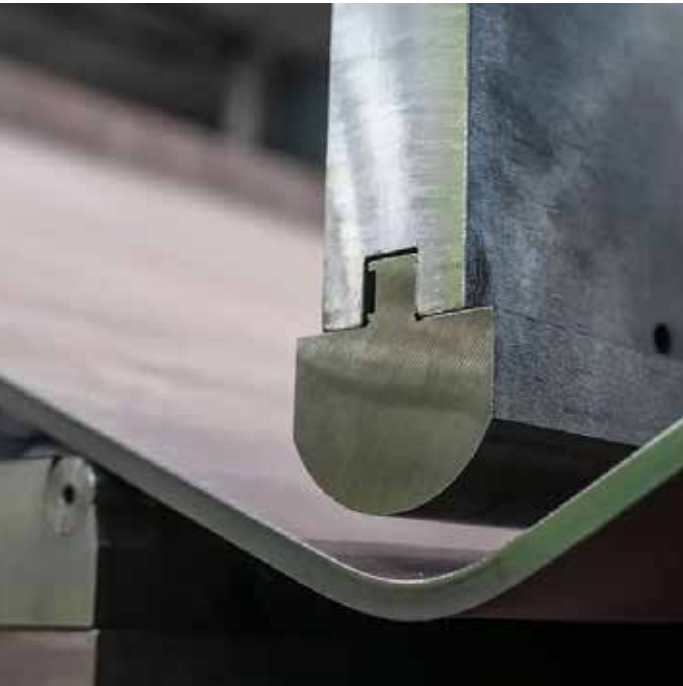
- Up to 1350 MPa
Thickness 2,0–6,5 mm.
- Up to 1250 MPa
Thickness 6,5–8,0 mm.
- Up to 700 MPa
Thickness 8,1–10,0 mm.
- Up to 500 MPa
Thickness 10,1–16,0 mm.

Additionally, through an integrated system of subcontractors, we also provide services such as pickling, slitting, shear blanking, and processing of cold-rolled and metal-coated cut to length.

Product range and tolerances

The tolerances for SSAB’s hot rolled strip products comply with the requirements of EN 10051:2010, and the improved offer is presented as fractions of EN 10051:2010 for easy comparison.

Other options for narrower or customer specific tolerances are available upon request. Tolerances down to 1/3 EN 10051:2010 are available after special agreement, with limitations depending on specific grades and dimensions.



EN 10051:2010 Tolerances on length for sheet/plate		
Nominal length	Tolerances	
/	Lower	Upper
/ < 2,000	0	+ 10
2,000 ≤ / < 8,000	0	+ 0.005 x /
/ ≥ 8,000	0	+ 40

Brand	Thickness	Max. flatness deviation in delivery condition	Max. flatness deviation after laser cutting
Strenx®	1/2 EN category D	3 mm/1 m	-
Hardox®	1/2 EN category D	3 mm/1 m	-
SSAB Laser®	2/3 EN	3 mm/1 m	3 mm/1 m
SSAB Boron	2/3 EN	6 mm/1 m	-
SSAB Docol®	acc. to EN 10051:2010	acc. to EN 10051:2010	-
SSAB COR-TEN®	2/3 EN	3 mm/1 m	-
SSAB Weathering	2/3 EN	3 mm/1 m	-
SSAB Domex®	2/3 EN	3 mm/1 m	-

Thickness tolerances EN 10051:2010

Steels with minimum specified Yield Strength Re ≤ 300 MPa (category A)

Thickness t [mm]	Width w [mm]		
	w ≤ 1,200	1,200 < w ≤ 1,500	1,500 < w ≤ 1,800
t ≤ 2.00	0.17	0.19	0.21
2.00 < t ≤ 2.50	0.18	0.21	0.23
2.50 < t ≤ 3.00	0.20	0.22	0.24
3.00 < t ≤ 4.00	0.22	0.24	0.26
4.00 < t ≤ 5.00	0.24	0.26	0.28
5.00 < t ≤ 6.00	0.26	0.28	0.29
6.00 < t ≤ 8.00	0.29	0.30	0.31
8.00 < t ≤ 10.00	0.32	0.33	0.34
10.00 < t ≤ 12.50	0.35	0.36	0.37
12.50 < t ≤ 15.00	0.37	0.38	0.40
15.00 < t ≤ 25.00	0.40	0.42	0.45

Steels with minimum specified Yield Strength 300 < Re ≤ 360 MPa (category B)

Thickness t [mm]	Width w [mm]		
	w ≤ 1,200	1,200 < w ≤ 1,500	1,500 < w ≤ 1,800
t ≤ 2.00	0.20	0.22	0.24
2.00 < t ≤ 2.50	0.21	0.24	0.26
2.50 < t ≤ 3.00	0.23	0.25	0.28
3.00 < t ≤ 4.00	0.25	0.28	0.30
4.00 < t ≤ 5.00	0.28	0.30	0.32
5.00 < t ≤ 6.00	0.30	0.32	0.33
6.00 < t ≤ 8.00	0.33	0.35	0.36
8.00 < t ≤ 10.00	0.37	0.38	0.39
10.00 < t ≤ 12.50	0.40	0.41	0.43
12.50 < t ≤ 15.00	0.43	0.44	0.46
15.00 < t ≤ 25.00	0.46	0.48	0.52

Steels with minimum specified Yield Strength 360 < Re ≤ 420 MPa (category C)

Thickness t [mm]	Width w [mm]		
	w ≤ 1,200	1,200 < w ≤ 1,500	1,500 < w ≤ 1,800
t ≤ 2.00	0.22	0.25	0.27
2.00 < t ≤ 2.50	0.23	0.27	0.30
2.50 < t ≤ 3.00	0.26	0.29	0.31
3.00 < t ≤ 4.00	0.29	0.31	0.34
4.00 < t ≤ 5.00	0.31	0.34	0.36
5.00 < t ≤ 6.00	0.34	0.36	0.38
6.00 < t ≤ 8.00	0.38	0.39	0.40
8.00 < t ≤ 10.00	0.42	0.43	0.44
10.00 < t ≤ 12.50	0.46	0.47	0.48
12.50 < t ≤ 15.00	0.48	0.49	0.52
15.00 < t ≤ 25.00	0.52	0.55	0.59

Steels with minimum specified Yield Strength 420 < Re ≤ 900 MPa (category D)

Thickness t [mm]	Width w [mm]		
	w ≤ 1,200	1,200 < w ≤ 1,500	1,500 < w ≤ 1,800
t ≤ 2.00	0.24	0.27	0.29
2.00 < t ≤ 2.50	0.25	0.29	0.32
2.50 < t ≤ 3.00	0.28	0.31	0.34
3.00 < t ≤ 4.00	0.31	0.34	0.36
4.00 < t ≤ 5.00	0.34	0.36	0.39
5.00 < t ≤ 6.00	0.36	0.39	0.41
6.00 < t ≤ 8.00	0.41	0.42	0.43
8.00 < t ≤ 10.00	0.45	0.46	0.48
10.00 < t ≤ 12.50	0.49	0.50	0.52
12.50 < t ≤ 15.00	0.52	0.53	0.56
15.00 < t ≤ 25.00	0.56	0.59	0.63

Flatness tolerances EN 10051:2010

For continuously hot-rolled low carbon sheet/plate of steels with a specified minimum yield strength Re ≤ 300 MPa (category A) the deviation from flatness shall not exceed the tolerances given in the table below. Closer flatness tolerances shall be agreed at the time of enquiry and order
Flatness guarantees only apply for cut to length sheets.

Tolerances on width for sheet/plate with a specified minimum yield strength Re ≤ 300 MPa (category A)

Nominal thickness t [mm]	Nominal width w [mm]	Tolerances on flatness	Special tolerances on flatness
t ≤ 2.00	w ≤ 1,200	18	9
	1,200 < w ≤ 1,500	20	10
	w > 1,500	25	13
2.00 < t ≤ 25	w ≤ 1,200	15	8
	1,200 < w ≤ 1,500	18	9
	w > 1,500	23	12

For continuously hot-rolled low carbon sheet/plate of steels with a specified minimum yield strength 300 MPa < Re ≤ 900 MPa (categories B,C and D) the deviation from flatness shall not exceed the tolerances given in the table below. Closer tolerances for categories B and C shall be agreed at the time of enquiry and order.

Tolerances on width for sheet/plate with a specified minimum yield strength 300 MPa < Re ≤ 900 MPa (categories B, C and D)

Nominal thickness t [mm]	Nominal width w [mm]	Tolerances on flatness category		
		B	C	D
t ≤ 25	w ≤ 1,200	18	23	Shall be agreed at the time of enquiry and order
	1,200 < w ≤ 1,500	23	30	
	w > 1,500	28	38	

Stock

- 13,000 m² covered area, out of a total of 25,000 m².
- At least 20 cold, hot, black and pickled high-strength steel grades.
- 200 combinations grades/thicknesses/width in stock up to 1,350 MPa yield strength.

Sheets product range

Quality	Surface	Width [mm]	Length [mm]	Thickness [mm]																
				1.00	1.50	2.00	2.50	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	12.00	15.00	18.00	20.00	25.00
S235JR	black	1,500	3,000																	
S235JR	black	1,500	4,000																	
S235JR	pickled	1,500	3,000																	
S355J2	black	1,500	3,000																	
SSAB LASER 250C/ S235J2C+N	black	1,500	3,000																	
SSAB LASER 250C/ S235J2C+N	pickled	1,500	3,000																	
SSAB LASER 355C/ S355J2C+N	black	1,500	3,000																	
SSAB Laser 355MC Plus	pickled	1,500	3,000																	
SSAB Laser 420MC Plus	black	1,500	3,000																	
SSAB Laser 420MC Plus	pickled	1,500	3,000																	
SSAB Laser 420ML Plus	black	1,500	3,000																	
SSAB Boron 30	black	1,500	3,000																	
SSAB Boron 30	black	1,500	4,000																	
Strenx® 700MC E	black	1,500	3,000																	
Strenx® 700MC E	black	1,500	3,000																	
Strenx® 700MC E	black	1,500	3,000																	
Strenx® 700MC E	black	1,500	6,000																	
Strenx® 700MC E	black	1,250	3,000																	
Strenx® 700MC E	black	1,250	6,000																	
Strenx® 700MC Plus	black	1,500	3,000																	
Strenx® 700MC Plus	black	1,500	6,000																	
Strenx® 700MC Plus	black	1,500	8,000																	
Strenx® 960 Plus	black	1,250	3,000																	
Strenx® 960 Plus	black	1,250	6,000																	
Strenx® 960 Plus	black	1,500	3,000																	
Strenx® 960 Plus	black	1,500	6,000																	
Strenx® 960 CR	cold rolled	1,250	6,000																	
Strenx® 960 CR	cold rolled	1,250	7,500																	
Hardox® 450	black	1,500	3,000																	
Hardox® 450	black	1,500	6,000																	
Hardox® 450	black	1,500	8,000																	
Hardox® 450 CR	cold rolled	1,500	3,000																	
Hardox® 450 CR	cold rolled	1,500	8,000																	
Hardox® 500 Tuf	black	1,500	3,000																	
Hardox® 500 Tuf	black	1,500	6,000																	
Hardox® 500 Tuf	black	1,500	8,000																	



SSAB Ghedi

– A Legacy of Growth and Integration

SSAB Ghedi is a cornerstone of SSAB's presence in Italy, shaped by decades of strategic development and progressive integration within the Group.

The site's history began in 1988 with a joint venture between Tunnpålt and Bresciacoils, establishing the foundation for steel service activities in the Brescia area. A decisive milestone followed in 1995, when Tunnpålt acquired full ownership of Brescia coils and opened a greenfield Steel Service Center in Ghedi, marking the birth of the site as a dedicated hub for processing and logistics.

A key consolidation took place in 2013, when the Hardox Lamiere office in Parma, owned by SSAB Oxelösund, was transferred to Ghedi, positioning the site as a central commercial and service location in Italy. The Group's expansion continued in 2015 with the acquisition of Rautaruukki.

Today, SSAB serves the Italian market through the premises in Ghedi, hosting the SSAB Europe Division and SSAB Special Steels Division by conducting both Service Center activities and direct sales. Thereby, SSAB Swedish Steel S.p.A. represents a strategic center for service, sales, and customer support. The site reflects SSAB's long-term commitment to operational excellence, integration, and customer proximity in the Italian market.



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