Division Head Office

Lisle

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Lisle, Illinois 60532 Toll Free: 877-594-7726 Tel: 630-810-4800 Fax: 630-810-4600

Production Facilities

Mobile

SSAB North American Division 12400 Highway 43 North Axis, Alabama 36505 Toll Free: 888-592-7070

Tel: 251-662-4400 Fax: 251-662-4360

Montpelier

SSAB North American Division 1770 Bill Sharp Boulevard Muscatine, Iowa 52761 Toll Free: 800-340-5566 Tel: 563-381-5300

Fax: 563-381-5300

Houston

SSAB North American Division 13609 Industrial Road, Suite 114 Houston, Texas 77015

Tel: 713-341-7700 Fax: 713-455-0668

St. Paul

SSAB North American Division 2500 West County Road B Roseville, Minnesota 55113-3873 Toll Free: 800-383-9031

Tel: 651-631-9031 Fax: 651-631-9670

Toronto

SSAB North American Division 1051 Tapscott Road Scarborough, Ontario M1X 1A1 Toll Free: 888-576-8530

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Commercial Contacts

Montpelier

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Houston

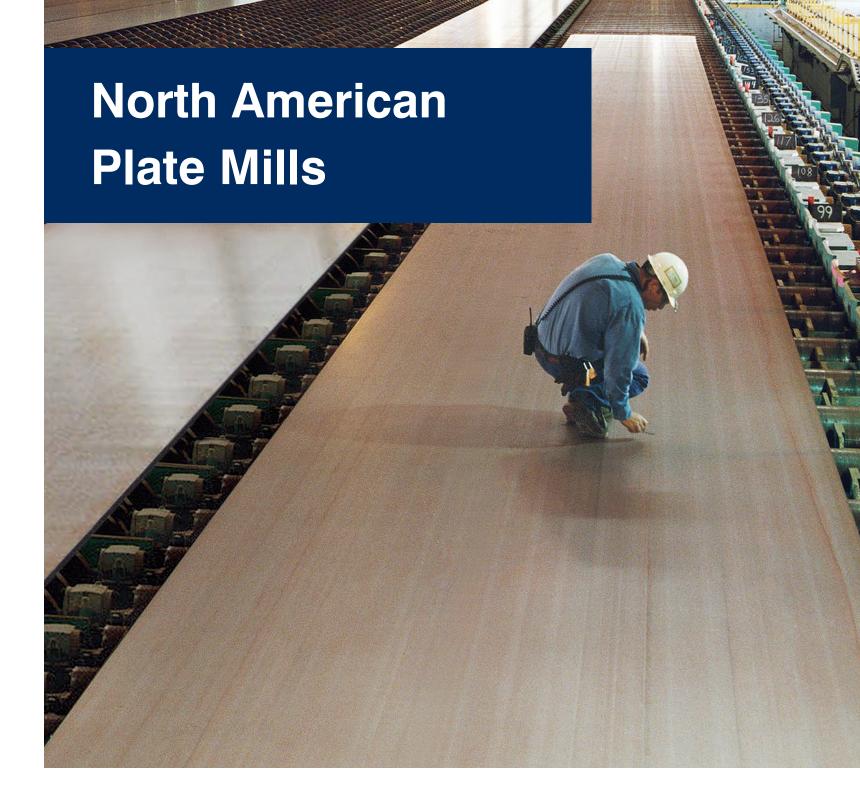
Toll Free: 877-722-2589 Tel: 281-949-1023 Fax: 281-949-1065

St. Paul

Toll Free: 800-383-9031 Tel: 651-631-9031 Fax: 651-631-9670

Toronto

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SSAB

SSAB's facilities at Mobile, Alabama and Montpelier, Iowa represent the world's finest in-line plate mills.

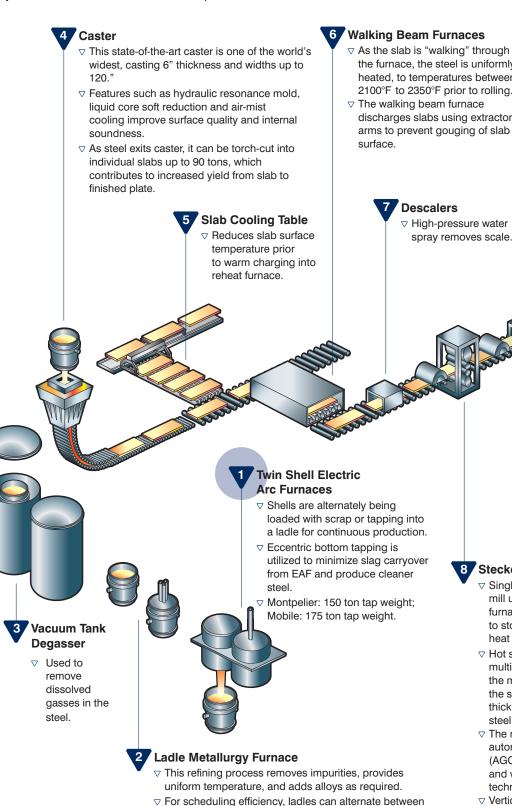
For coil and plate customers, the SSAB North American steelworks represent cost-effective sources for high-quality steel in a wide range of sizes — steel of exceptional flatness and superior surface quality on two sides.

Consider these impressive figures. Each facility has a 1,250,000 ton annual capacity. We're capable of producing plate up to 120" wide and 80' long, in thicknesses 3/16" to 3", as well as coil up to 96" wide and 37.5 tons, in thicknesses 0.12" to 0.75". With numbers like these, there's nothing "mini" about these mills. Chalk it up to experience; we've been making flat rolled steel utilizing Steckel technology for more than fifty years.

But a superior product doesn't mean much without the service to back it up — which is where our friendly service reps come in. They do everything they can to ensure you get exactly what you want, exactly when you want it. Of course, it helps to have our in-line continuous process that can take scrap to finished steel in just over 4.5 hours. And we're centrally located in the Midwest and Southeast, with rail, river and road access for fast. economical delivery. If you're looking for a steel producer that's on your side, you've found it in SSAB.

Anything But Your Run-Of-The-Mill Plate Mills

Take a look inside the world's first in-line plate mills: SSAB's facilities in Montpelier, Iowa and Mobile, Alabama. From melt shop to shipping bay, you'll find the latest technology and procedures for making steel of exceptional quality with unmatched efficiency. In fact, our in-line, continuous process takes scrap to ready-to-ship steel in just over 4.5 hours. It's a remarkable process that deserves a closer look.



refining and heating.

6 Walking Beam Furnaces

- the furnace, the steel is uniformly heated, to temperatures between 2100°F to 2350°F prior to rolling.
- ∇ The walking beam furnace discharges slabs using extractor arms to prevent gouging of slab

9 Flying Crop Shear

> ∇ Steel is cut into "mother" plates up to 240 feet long.

12 Hot Leveler

∇ Rollers flatten plate

to 1/2 ASTM flatness

plates up to 3" thick.

tolerances or better for

13 Disk-Type

Cooling Bed

beds to prevent

gouging of the

bottom surface.

14 Static Shear

Shear cuts heavy

plate up to 2" thick for

plate length to ensure

lengths of up to 80'.

□ Laser velocimeter is

used to measure

cutting accuracy.

11 Down Coiler

7 Strip is wound using an adjustable wrapper to prevent surface damage. Coils exit the process here.

▽ Coils can weigh up to 75,000 pounds and 1250 P.I.W.

Laminar Cooling

∇ On-line accelerated cooling (OLAC) uses water to reduce plate temperature quickly and uniformly to enhance physical properties with less alloy additions.

8 Steckel Mill

- ∇ Single-stand reversing mill uses Steckel furnaces on each side to store steel and retain heat during rolling.
- ∇ Hot steel slabs make multiple passes through the mill stand to reduce the steel to the final thickness and refine the steel microstructure.
- ∇ The mill features automatic gauge control (AGC), work roll bending and work roll shifting technology.
- ∇ Vertical edger allows improved width control and edge quality.

16 Cold Plate Leveler ∇ This second set of rollers is designed to ensure 1/2 ASTM flatness tolerances or better for plates up to 1" thick. 17 Heavy Plate Piler ∇ Single and twin stack 19 Stack Cooled Plate piling for 5/8" to 2" gauge. ∇ Plate slow cooling ensures hydrogen-free 18 Plate Bundle steel for heavy gauge Conveyor plates. ▼ Transfers plate □ Bed uses rotating to shipping disks to roll (rather than drag) plates across air-cooling 15 Rotary Shear **20** Burning Bed ∇ Montpelier's edge trimmer

21 Slitter

¬ Heavy gauge > 2" to 3" thick plates are burned to length.

∇ Mobile is designed for similar edge trimming.

is able to provide a sheared

edge up to 5/8".

¬ Montpelier's 96" wide slitter can cut coil multiples up through 5/8" thick. (Not shown.)

22 Blast and Paint in Mobile

Normalized and Quenched & Tempered Heat Treatments in Mobile

Grades Available

C1006-C1045, vacuum degassed 4140,

Structural Steel ASTM A36, A514, A572, A588, A633, A656, A709 (up to HPS-70W), A871

Pressure Vessel ASTM A285, A414, A516, A517, A537

38W-60WT, 50AT, 70AT

Proprietary Grade ST 100XF

AR200 AR400F

Offshore API 2MT1, 2W-50, 2H-50

Shipbuilding ABS, Lloyds

Oil Well Casing (Skelp) API-5CT H40, J55, L80, P110

Line Pipe Specifications (Skelp) API-5L Grade B to X-80