



► Capabilities Guide

SSAB Steel Service Center Montreal

SSAB

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We process SSAB wear plates and high-strength steels into new and retrofit solutions for industries across eastern Canada and the US. From mining and material handling to agriculture, forestry, recycling, and construction, we help extend equipment life with Hardox® and Duroxite® and boost structural performance with Strenx® steel.

Custom steel processing for Original Equipment Manufacturers

At SSAB Steel Service Center Montreal, we are experts in best practices for cutting, drilling, machining, and welding Hardox® wear plate, Strenx® structural steel, and Duroxite® overlay to your exacting OEM specifications.

Oxyfuel/plasma cutting

TABLE SIZE: 10' x 50' (3x15m)

1 PLASMA HEAD: cuts from 1/8" to 1-1/2" (3 to 38mm) thick plates

5 OXYFUEL HEADS: cut from 3/4" to 5" (19 to 127mm) thick plates
Underwater cutting available

Plasma cutting

TABLE SIZE: 10' X 50' (3x15m) for dry cutting

2 PLASMA HEAD: cut from 1/8" to 1-1/4" (3 to 31mm) thick plates

3-Axis plasma, 2-Axis oxyfuel, and machining center

TABLE SIZE: 10' x 50' (3x15m) for dry cutting

1 PLASMA HEAD: cuts from 1/8" to 2" (3 to 50mm) thick plates

3 OXYFUEL HEADS: cut from 2" to 6" (50 to 152mm) thick plates
Underwater cutting available
MACHINING: from 3/8" to 6" (9.5 to 152mm) thick plates

Waterjet machine with 5-Axis Cutting Head

TABLE SIZE: 10' x 26' (3 x 7.9m)

2 HEADS: cut from 0.164" to 4-1/2" (4.16 to 114mm)

Fiber laser, 6kW

TABLE SIZE: 8' x 60' (2.4 to 18.3m)

LASER: cuts 0.0787" to 0.5" (2 to 12.7mm)

Welding

MIG/FCAW/SAW processes Stud welding
HARDFACING: Duroxite® and tungsten overlays 3rd party certification to CWB 47.1 standards for welders, welding supervisors and engineers, and welding procedures.

CNC machining center

TABLE SIZE: 47.2" x 118" (3000mm x 1100mm)

Double column machining center - 3 axis



30kW Laser

TABLE SIZE: 10' x 26' (3m x 7.9m)

LASER: cuts 0.0787" to 2" (2 to 50.4mm)

Innovative steel solutions that keep you moving



► Certified Experts



Consulting

Our wear specialists provide advice on material choice and design of wear solutions.



Simulation

Use new technology for predicting wear through computer simulation while the products are still in the design stage.



Optimization

We can optimize productivity and reduce downtime of your entire wear-affected flow.



On Site Visits

By evaluating your wear situation on site we can recommend the most suitable wear solutions.



Calculation

Find the ultimate material choice for your specific wear circumstances with our comprehensive software, Hardox® WearCalc.



Installation

Wear parts installation and repair work on site is part of our scheduled and emergency services.

Explore SSAB's Digital Apps

Mobile apps and desktop tools that help you calculate potential. From estimating wear and evaluating the benefits of upgrading to high-strength steel to optimizing welding and scanning steel to verify its origin.

Scan the QR code to check out SSAB's gallery.

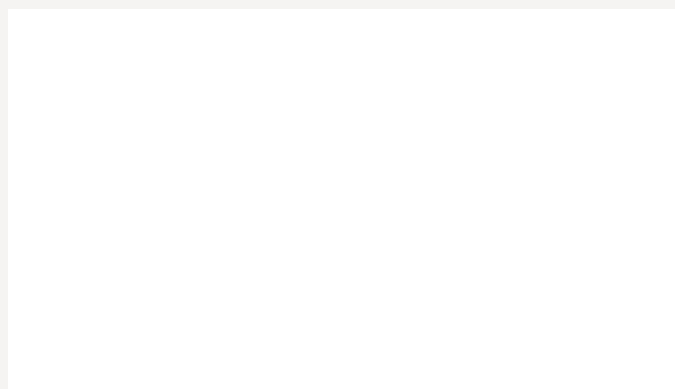


Apple App Store and Google Play

About Us

Discover how SSAB Steel Service Center Montreal transforms high-strength steels into smarter, longer-lasting solutions.

Scan the QR code and let our steel power what's next for you.



SSAB Steels

HARDOX[®]
WEAR PLATE



STRENGTH[®]
PERFORMANCE STEEL



DURORITE[®]



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