

The background features a minimalist graphic design composed of several intersecting steel plates. The plates are rendered in different shades of grey and black, creating a sense of depth and industrial texture. They intersect at various angles, forming a complex geometric pattern that covers the entire page.

► Capabilities Guide

SSAB Steel Service Center Vancouver

SSAB

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We produce wear parts made of Hardox® wear plate, Strenx® structural components made of Strenx® performance steel, and Duroxite® overlay products used by heavy-duty industries requiring long-lasting solutions in rugged environments. In addition to making parts and assembly kits for OEMs, we also do repairs, upgrades, and re-engineering of mining buckets, mill crushers, and other critical, heavy-duty, wear-prone components.

Driving productivity with SSAB Steels

SSAB Steel Service Center Vancouver delivers wear solutions across Western Canada and the U.S. Pacific Northwest. Backed by the Hardox® Wearparts network, we provide repairs, rebuilds, and supply from our rail-accessible facility—helping you maximize uptime and performance with SSAB steels.

Flame (oxy) cutting

TABLE SIZE: 53' x 10' for dry cutting

TABLE TYPES: Dry table

CUTTING CAPABILITIES: Up to 8" thick

NUMBER OF TORCHES: 4 x Alfa torches

TOLERANCES: +/- 1/16"

Plasma cutting

(Machine 1)

TABLE SIZE: 10' X 53'

CUTTING CAPABILITY: Up to 2" thick

NUMBER OF TORCHES: Plasma (1), Oxy (3)

TOLERANCES: +/- 1/16"

(Machine 2)

TABLE SIZE: 10' X 48'

CUTTING CAPABILITY: Up to 1.5" thick

NUMBER OF TORCHES: Plasma (1)

TOLERANCES: +/- 1/16"

(Machine 3)

TABLE SIZE: 10' X 53'

CUTTING CAPABILITY: Up to 1.5" thick

NUMBER OF TORCHES: Plasma (1), Oxy (1)

TOLERANCES: +/- 1/16"

Welding

MIG/FCAW/SMAW 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: 60" x 30"

SPINDLE SPEED: 10,000 rpm/15HP/300Nm

TOLERANCES: +/- 0.001"

Additional expertise

REPAIRS, REBUILDS, AND RE-ENGINEERING: Complete CAD Department with FARO 3D Scanning

FORMING, LASER, WATERJET, SHOT BLASTING: Offered as a service

from outside service providers



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 Vancouver 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

STRENX®
PERFORMANCE STEEL

DURDXITE®



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