



La référence pour vos problèmes d'usure

1- OUR SPECIALTY

Services Solu-tex Inc. (SSI) specializes in solving wear problems in several industries with ***lifetime gains from 2X to 15X***. (See the bottom of the page for the list of products by industries).

- MINES, QUARRIES, OIL SANDS
- CONSTRUCTION EQUIPMENTS
- CEMENT PLANT
- PULP AND PAPER
- Recycling, Forestry, Railways, Agriculture, Marine, etc.

SSI ADVANTAGES:

- Excellent materials from various partners in various countries. The majority of these materials have been tested by NRC (National Research Council of Canada).
- Excellent manufacturing processes (largest laser cutting and forming center in North America).
- Associations with several local partners to offer a fast and complete service at very competitive prices.

Our nanometric carbide overlay is now the reference as the best product available on the market for skips and many other pieces of equipment in mines.

Our cast chrome white iron (CWI) products are used in open pit mines in western North America. These mines have a production rate of 40,000 to 60,000 tons/day and obtain a very high parts life.

PRODUCTS IN STOCK:

- **AR450 and AR500 8' x 24' plates, manufactured by SSAB** with a new generation AR steel (better formability, weldability and impact resistance, with the same wear rate as Hardox). The energy efficiency of the manufacturing process allows offering very competitive prices.
- **Plates with different types of carbide overlay** including our renowned nanometric coating that resists extreme wear and impact.
- **Several types of welding electrodes and wires**, some of which are manufactured under our trademark.
- **Bimetallic Chrome White Iron (CWI) parts** (Wear buttons, Chocky bars, Bolt protectors, Waffer strips, Round bar, Heel shroud, etc.).
- **Liquid ceramics** compatible with drinking water, also protecting steel or concrete parts that are submerged against severe wear and corrosion.



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PRODUCTS AVAILABLE FOR MEDIUM-TERM PROJECT:

- **Bimetallic liner** made of thick wear resistant white iron with a high level of chrome or rubber.
- **600 BHN** induction-hardened **steel pipes or elbow.**
- **Cast Chrome White Iron (CWI) pipes** straight sections, branch (T, Y, lateral), elbows and reducers.
- **Pipes or elbows** with carbide or rubber coating.
- **Medium to Large casting** resisting high temperature and/or high abrasion and corrosion.
- **High performance concrete**(compressive strength after 24 hours > 50 MPa (7250 psi), synthetic aggregate for extreme wear resistance, quick set concrete without expansion(6 to 24 hours), hardening up to -10°C (14°F), high temperature resistant up to 1100°C (2012°F) and corrosion resistant.

NOTE: Many of these products have been supplied to the McInnis cement plant.

SERVICES AVAILABLE AT ANY TIME:

- **Research** on the international market **for wear products** hard to find.
- **Cutting** of various materials with **laser, high definition plasma and water**
- **Stud installation** on liners.
- **Multiples plasma drill tables**
- **Forming, Welding and welded assembly.**

2- PRODUCT LISTS BY INDUSTRIES

In order to better evaluate our products and services, here are the lists of our products by activity sectors:

- MINES, QUARRIES, OIL SANDS
 - Wear parts for mobile equipment, underground and concentrator :
 - Flexible or rigid liners for crushers.
 - Liners in nanometric carbide overlay, for skip elevator and other equipment subject to extreme impact and abrasion.
 - Chrome White Iron (CWI) liners with integrated locking system
 - SAG mill chute.
 - Grizzly.
 - Transfer chute.
 - Cyclones.
 - Excavators.
 - Apron feeder.
 - Vibrating feeders **(15X wear life)**.
 - etc.
 - Transport pipes, branch lines (T, Y, lateral), elbows, reducers and cyclones.
 - Pump housings, scrolls, turbines, sieves, rotary knives, etc.
 - Welding consumable :
 - Hardfacing, SS, cast iron, duplex steel, Stellite, nickel alloy, etc.
 - Quick setting cement (6 to 24h), liquid ceramic.

- CONSTRUCTION EQUIPMENTS
 - Wear parts for snow removal and earth moving equipment (snow blower, buckets, bulldozer, etc.)
 - Bimetallic Chrome White Iron (Chocky bars, Wear buttons, Edge shrouds, etc.)
 - Carbide wear parts.
 - AR450 et AR500 wear plates.
 - Screed plate (**~5X wear life**).
 - Casting repair services of malleable cast iron.
 - Welding consumable for crusher and other equipment :
 - Hardfacing, SS, cast iron, duplex steel, Stellite, nickel alloy, etc.



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- Quick setting cement (6 to 24h), liquid ceramic.
- CEMENT PLANT
 - Quick setting cement (6 to 24h), liquid ceramic
 - Transport pipes, branch lines (T, Y, lateral), elbows, reducers and cyclones.
 - Chute wear liner.
 - Welding consumable:
 - Hardfacing, SS, cast iron, duplex steel, stellite, nickel alloy, etc.
- PULP AND PAPER
 - Wear parts for :
 - Classifiers
 - Chain conveyors
 - Chutes, etc.
 - Shredders for wood and recycled wood
 - Hammer
 - Bimetallic hammer tip
 - Wide selection of standard or wear and corrosion resistant cast iron parts
 - Quick setting cement (6 to 24h), liquid ceramic.
- Recycling, Forestry, Railways, Agriculture, Marine, etc.
 - Shredders for wood and recycled wood
 - Hammer
 - Bimetallic hammer tip
 - Welding consumable :
 - Hardfacing, SS, cast iron, duplex steel, Stellite, nickel alloy, etc.



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DOCUMENTS ATTACHED TO THIS E-MAIL (pour nous rappeler notre choix de document à mettre)

- Corporative brochure (also available at solu-tex.com).
- Pipe and tank protection (rubber and ceramic)
- Chrome White Iron (CWI) wear parts.
- Cement, aggregates and concrete solutions.
- Data Sheet of our liquid ceramic.
- Price List RAEX 450 & 500 AR steel plate (by the manufacturer of Hardox 450 et 500).
- Price List of chrome carbide and nanometric carbide wear plates..

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