HARDOX®
WEARPARTS

WEAR SOLUTIONS THAT WORK

The cure for uptime challenges in mining

NO TIME TO GAMBLE IN MINING

Whether you are mining above or below ground, high wear resistance is vital to reach high productivity and uptime.

CALL THE SHOTS YOU CAN

Nature decides the mineral content for you. The world market decides the price for you. Good thing there are productivity and maintenance issues for you to decide on.

A proactive approach to wear management enables you to bring costs down.

MASTERS OF UPTIME

It's our business to keep you up and running as cost-efficient as possible.

We produce and install wear parts, provide optimized wear monitoring and management solutions, and take care of maintenance both on and off site.

Every Hardox Wearparts center has a workshop with skilled craftsmen, and production resources to ensure your wear parts and repair work meet the highest standards.

MATERIALS

Our wear parts are manufactured using the optimum material for your needs:

Hardox® wear plate has a unique combination of hardness and toughness, making it both wear and crack resistant.

Strenx™ performance steel is a high strength steel in the 600 to 1300 MPa range, ideal for building strong and light steel structures.

Toolox® engineering ξ tool steel is the hardest prehardened tool steel in the world, yet easy to machine into tooling and engineering components.

Duroxite™ overlay products take durability to the extreme, particularly when exposed to sliding wear from small and hard particles.

CONSULTING

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

SIMULATION

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 software WearCalc.

SERVICES

You can order a tailor-made wear solution that ensures maximum performance and service life.

INSTALLATION

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

PARTS AND SERVICES FOR OPEN PIT AND UNDERGROUND MINING

1. Dipper shovel
- Inside floor
- Inside shell lining
- Inside wear bars
- Outside side protection
- Wear blocks and bars
- Outside floor protection (exterior)
- Door liner protection
- Teeth protection (cover adaptors)
- Dipper

2. Bulldozer
- Blade
- Cutting edge
- Rippers

3. Dump truck
- Dead bed solution
- Floor wear bars
- Side wear bars
- Wear plate in sliding area
- Wear plate in impact area

4. Excavator buckets
- Shell
- Pins
- Wear pads
- Liner plates
- Cutting edge
- Bucket side cutters
- Bucket side jaw shrouds
- Wear bars and strips
- Lip shrouds

5. Dump pocket
- Liner plate

6. Feeder
- Lining plate
- Grizzly bars/screens

7. Screens
- Mid bars
- Grizzly bars
- Screen

8. Jaw crushers
- Lining plates
- Wedges
- Hopper and outlet
- Cheek

9. Conveyor
- Bottom liner plates
- Side liner plates
- Sprocket wheels
- Paddles
- Pans/flights

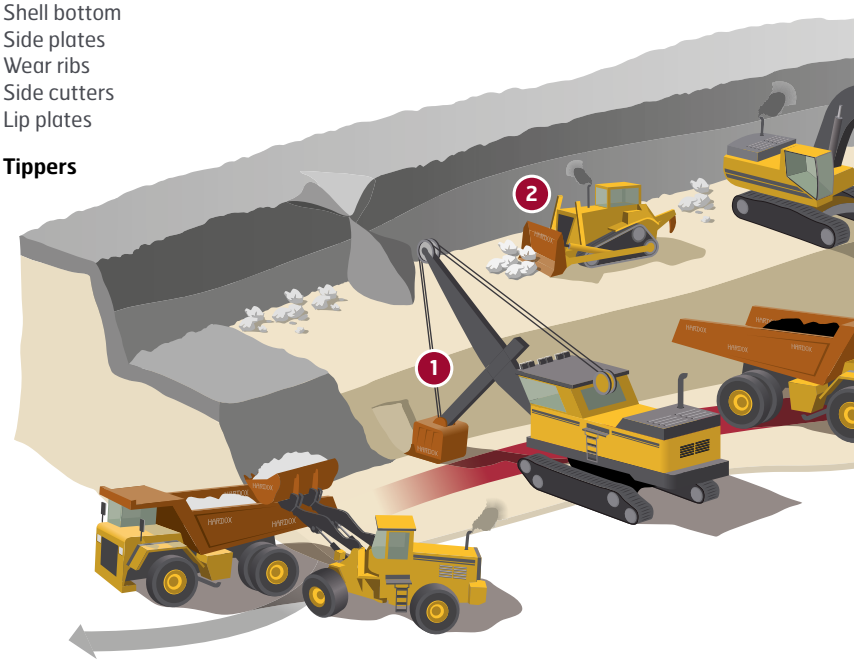
10. Transfer chute
- Lining
- Hopper to primary crusher
- Lower part hopper

11. Hammer crushers
- Hammers
- Liners
- Grizzly bars
- Screens
- Spacer disc
- Axle
- Crusher rotor segments

12. Final screening
- Crusher screens

13. Loader
- Shell bottom
- Side plates
- Wear ribs
- Side cutters
- Lip plates

14. Tippers



1. Front loader
- Cutting edges
- Bucket side cutters
- Bottom
- Connector
- Pins
- Wear bars and strips

2. Dump truck
- Structural wear plate
- Liner package

3. Buffer bin
- Liner plates

4. Mine trolley
- Bottom and side walls

5. Discharge site
- Liner plates
- Grizzly bars

6. Transfer chute
- Liner plate

7. Feeder
- Liner plate

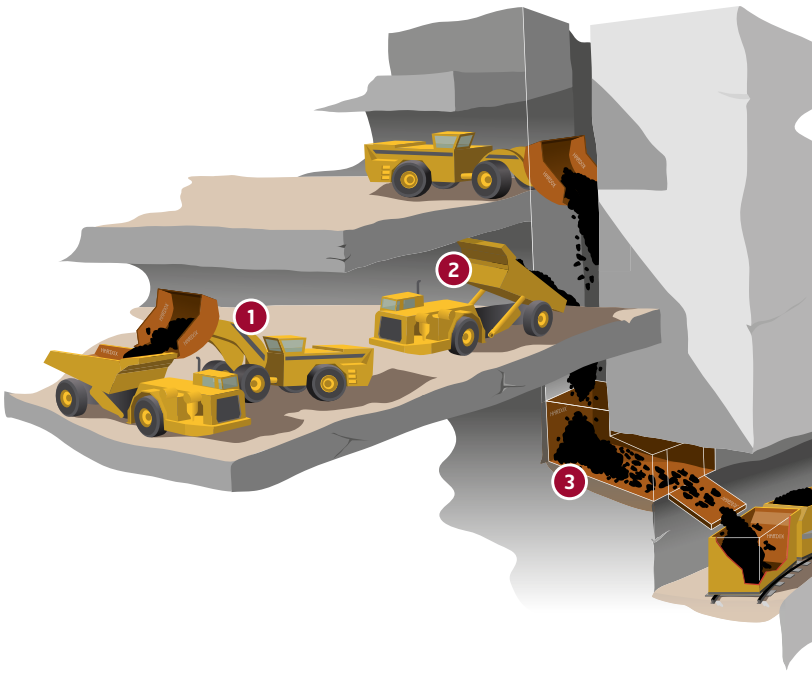
8. Screener
- Screening plate

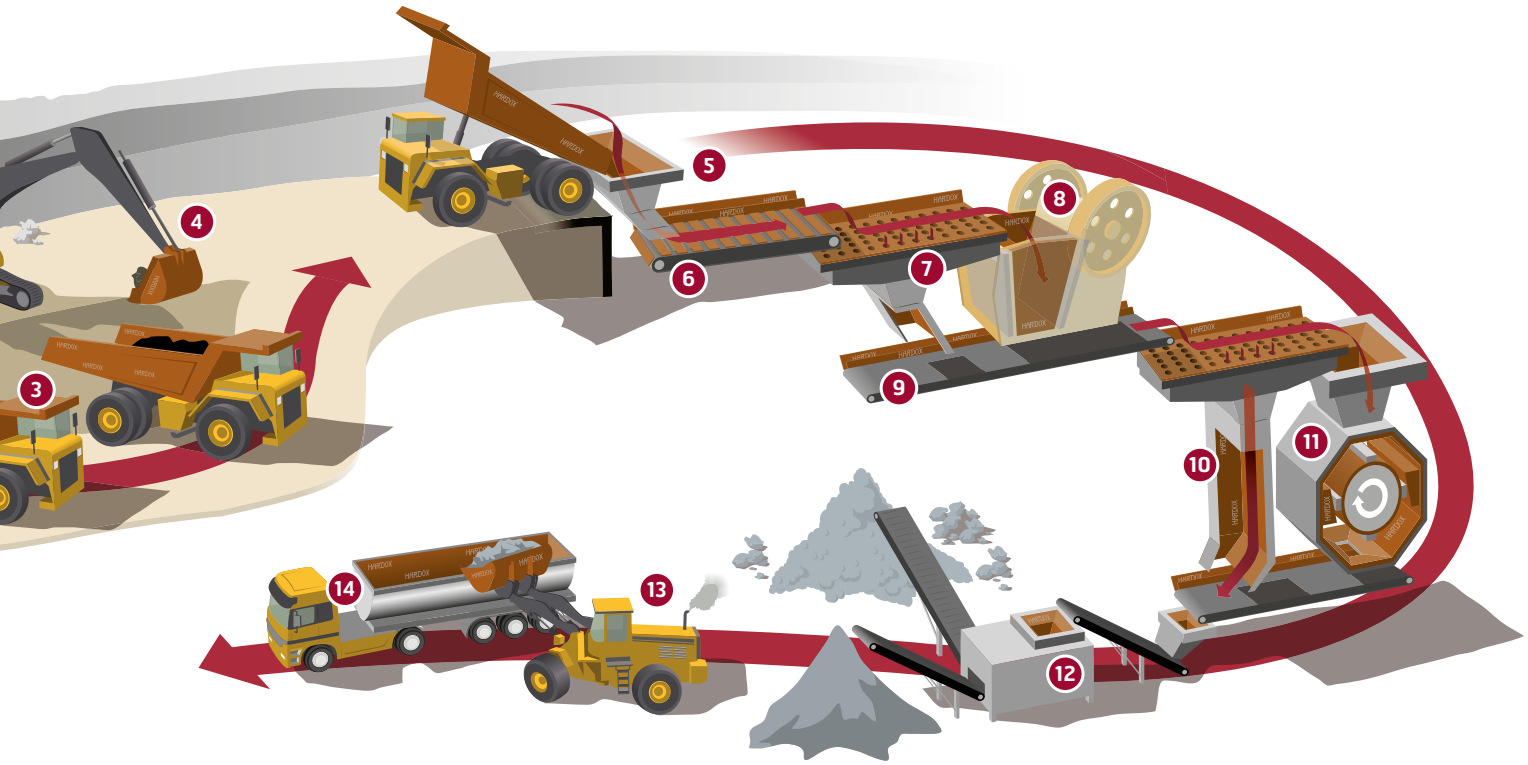
9. Crusher
- Liner plate

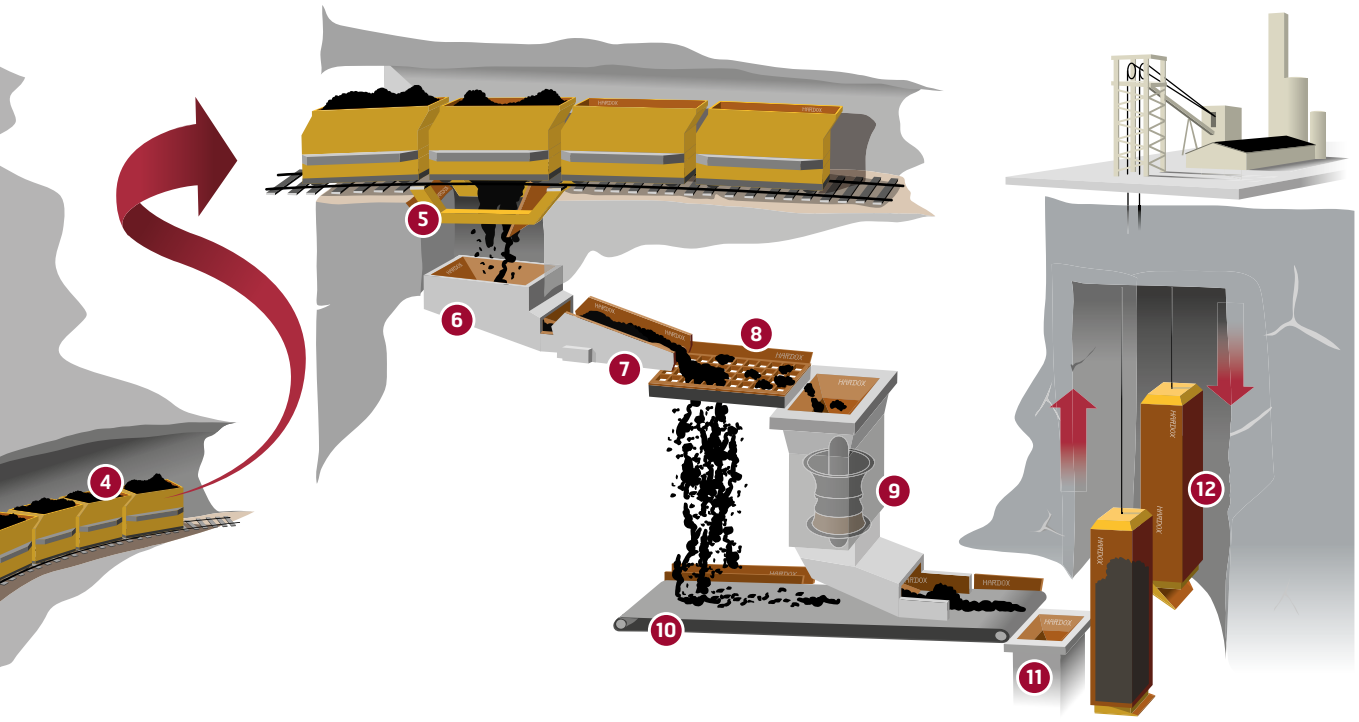
10. Conveyor
- Side plates

11. Measuring bin
- Liner plate

12. Skip
- Liner plate




3
4
5
6
7
8
9
10
11
12
13
14


4
5
6
7
8
9
10
11
12

HARDOX
WEARPARTS

HARDOX®
WEARPARTS

Hardox Wearparts is the world's leading provider of wear parts and wear services. With more than 250 centers in over 70 countries, there is always a Hardox Wearparts center close to you. Hardox Wearparts is a part of SSAB, the manufacturer of Hardox wear plate.

We would love to hear about your uptime needs

Find a center near you at
hardoxwearparts.com/contact

info@hardoxwearparts.com

+46 243 712 00

hardoxwearparts.com

163-en-Hardox Wearparts Wear Solutions That Work-V1-2016-AplusM

Illustrations © Tomas Öhrling 2015

Hardox Wearparts, SE-613 80 Oxelösund, Sweden