

## Crusher wears

# Metso MX jaws

### Application

Metso MX jaws for jaw crushers are especially suitable for demanding and abrasive applications. The MX technology is invented and patented by Metso.



Are you looking to reduce your production costs per ton? Wear parts with double the life make it possible.

### When increased profitability matters

Minimizing operating costs is a common target in the mining and aggregates business. In order to achieve higher profitability, lower operating costs and improved safety, shutdowns need to be kept to a minimum.

Using improper crusher parts can compromise your equipment and cause excessive downtime. Efficient crusher operations require wear parts that last longer and are optimized to your specific process.

### Double the wear life of your jaws

Metso MX jaws have outstanding wear life to help keep your production going. As a hybrid product, the manganese steel acts as the matrix and the wear surface is covered by Metso's special wear-resistant material in the areas where it's needed. Its unique characteristics keep the optimal wear profile longer and make the jaw extremely wear resistant. You can achieve double the wear life

compared to manganese jaws, and sometimes even triple it – depending on the application.

The long wear life and reliable performance of Metso's MX jaws reduces the need for inventory while at the same time minimizing service work costs. All this leads to more profit for you.

### Improved safety

Long wear life means fewer liner change-outs and a significant reduction in your maintenance work and, consequently, safer operations. Since Metso's MX jaws are designed to fit your crusher perfectly, they can be installed quickly and safely.

Using the appropriate lifting tool for a specific wear part is crucial. When installing MX jaws, the Metso jaw crusher maintenance platform and the specially designed lifting tool can be used. These tools, designed for Metso jaws only, improve working conditions and make it

possible to carry out installations quickly and efficiently, without compromising safety.

### Benefits

- Double or even triple wear life compared to manganese jaws
- Optimized wear profile
- Fewer parts in stock
- Higher uptime
- Reduced service costs
- Improved safety due to longer change-out intervals

## Råsjö Kross, Sweden

# Råsjö Kross crush 100% more

In an industry where production time is the most critical factor, equipment has to function according to plan. Service stoppages have to be minimized and planned in advance. This is especially important when the equipment is moved around on the basis of need.

### Challenge

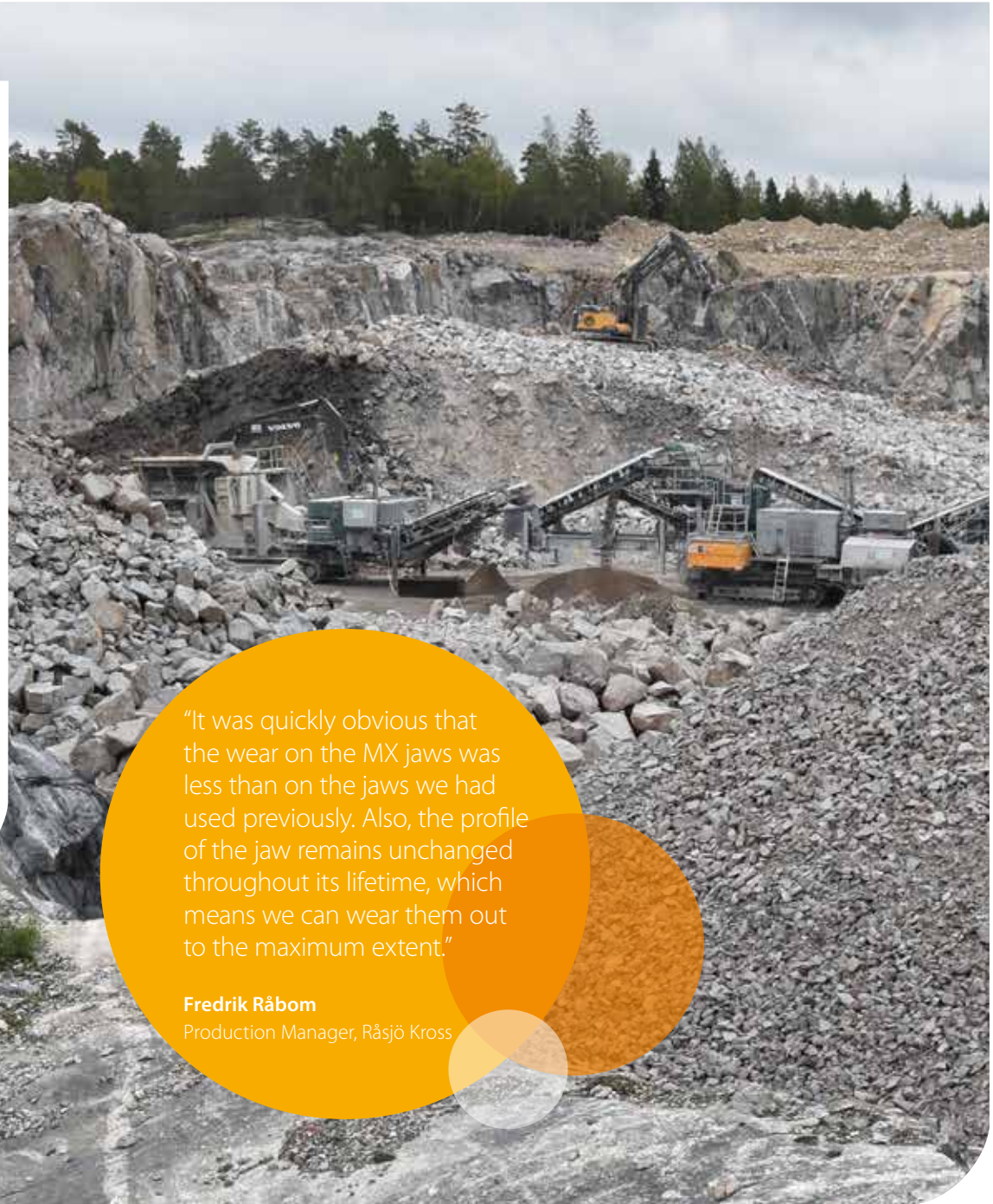
- Ensuring production. The crusher has to be in constant operation which means that all downtime has to be minimized and avoided

### Solution

- MX jaws

### Results

- Twice the wear life
- Increased safety thanks to fewer change-outs
- Remained wear profile throughout its lifetime



"It was quickly obvious that the wear on the MX jaws was less than on the jaws we had used previously. Also, the profile of the jaw remains unchanged throughout its lifetime, which means we can wear them out to the maximum extent."

**Fredrik Råbom**  
Production Manager, Råsjö Kross