

# HARD-WEARING BUCKET PRODUCTS

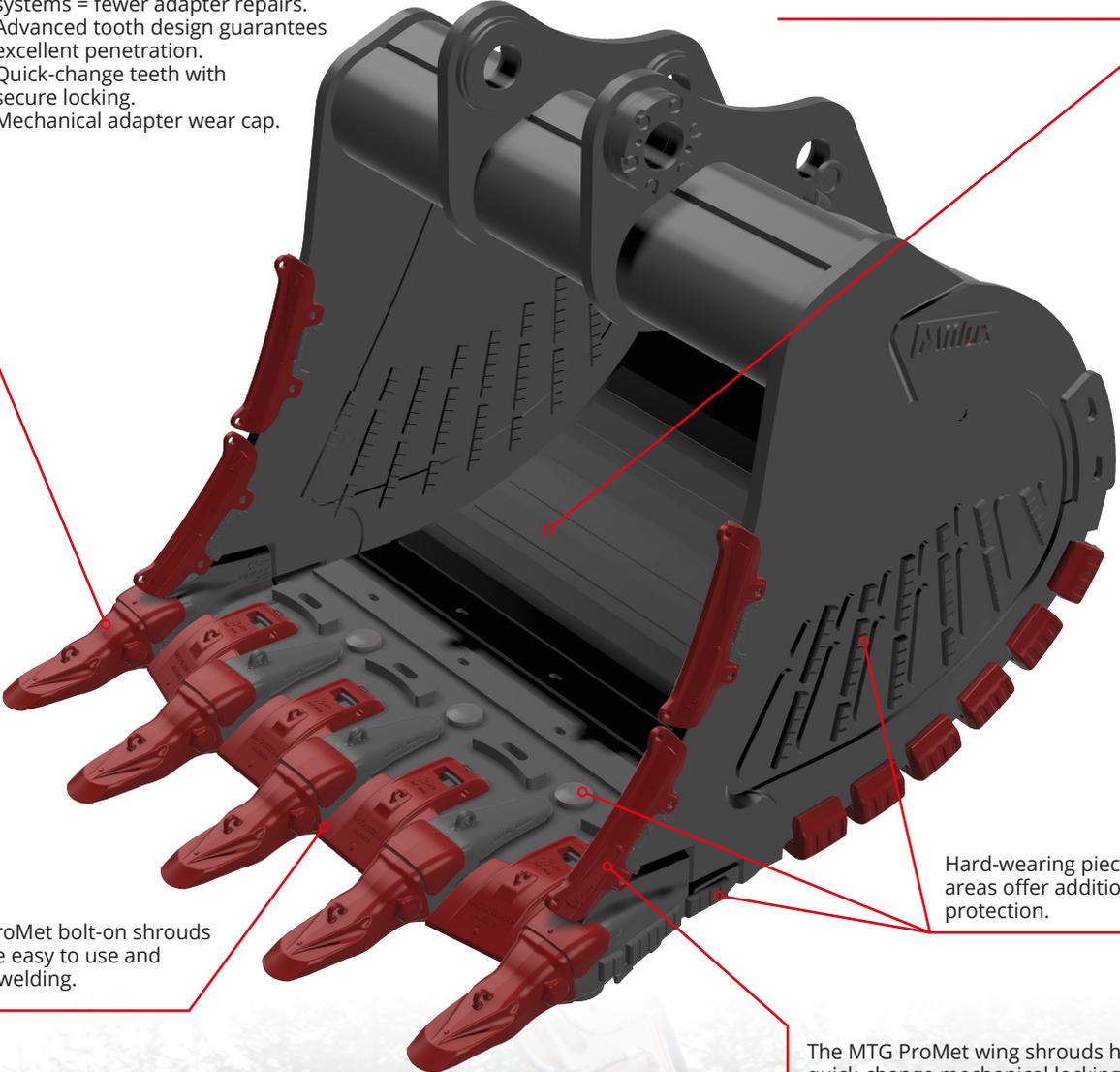
**Milux<sup>®</sup>oy**

# EXCAVATOR BUCKET

Miilux Oy is a pioneering manufacturer of fully protected buckets. Our active product development is aimed at finding more durable and cost-effective solutions for protecting our buckets.

- The MTG StarMet tooth system:
- Longer service life than conventional systems = fewer adapter repairs.
  - Advanced tooth design guarantees excellent penetration.
  - Quick-change teeth with secure locking.
  - Mechanical adapter wear cap.

Floor wear bars protect the bucket body, minimising the need for time-consuming overhauls.



The MTG ProMet bolt-on shrouds are easy to use and require no welding.

Hard-wearing pieces in critical areas offer additional bucket protection.

The MTG ProMet wing shrouds have a quick-change mechanical locking system. The shrouds can be rotated from side to side for even wear.

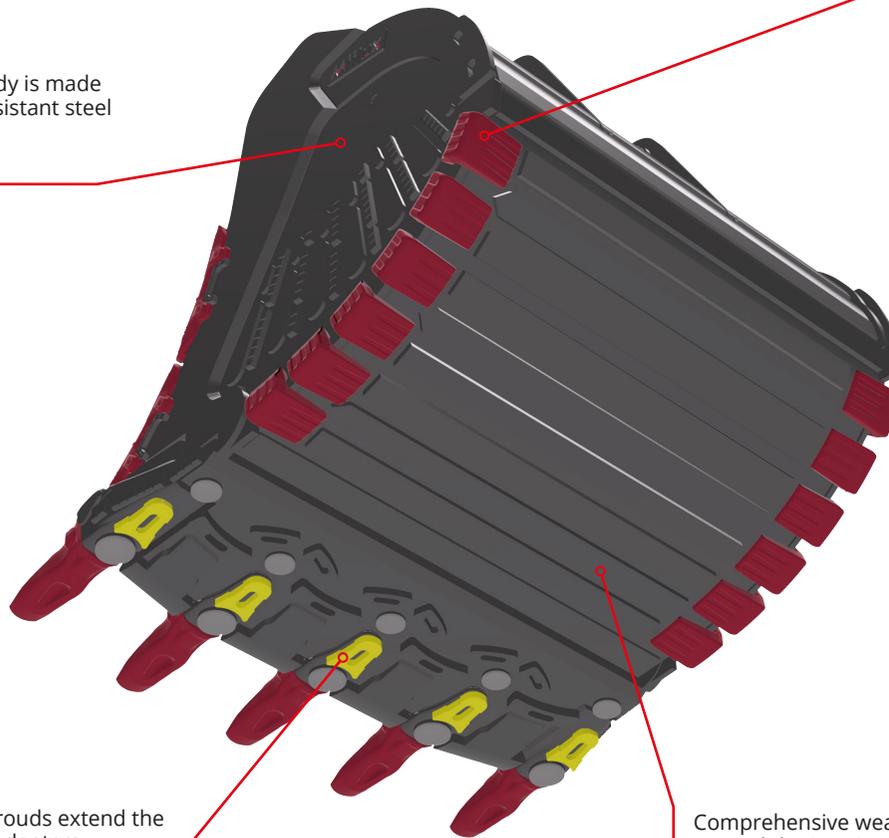


# MIILUX® QUARRY BUCKET

- + Economical to operate
- + Wear-protected body
- + Quick and easy to change wearing parts
- + High utilisation rate
- + Maximised breakout force
- + Minimised bucket weight

MTG heel shrouds are an extremely effective and affordable way of protecting a bucket's corners and bottom against heavy abrasion. Heel shrouds are quick and easy to replace.

The whole bucket body is made of Miilux abrasion-resistant steel parts.



Bottom leg shrouds extend the service life of adapters.

Comprehensive wear bar protection around the interior and exterior of the bucket body protects against wear and reduces the need for overhauls.

## Three main elements give the Miilux quarry buckets their superior productivity:

- **Durability.** Excellent wear protection gives the longest possible body life. All common wear issues are avoided. Modern strength calculation methods are used in the bucket's material and structural design. This makes the body exceptionally robust.
- **Easy service.** The bucket's wear protection and its high-quality parts enable easy, quick and cost-effective maintenance. Compared to conventional buckets, repairs take significantly less time and money, as extensive overhauls are avoided.
- **Economy.** Miilux buckets are considerably lighter than their competitors. This means hundreds of kilograms of dead weight can be taken out of every move. Correct dimensioning and geometry give the buckets their high breakout forces. This gives the buckets unparalleled tearout and digging force.

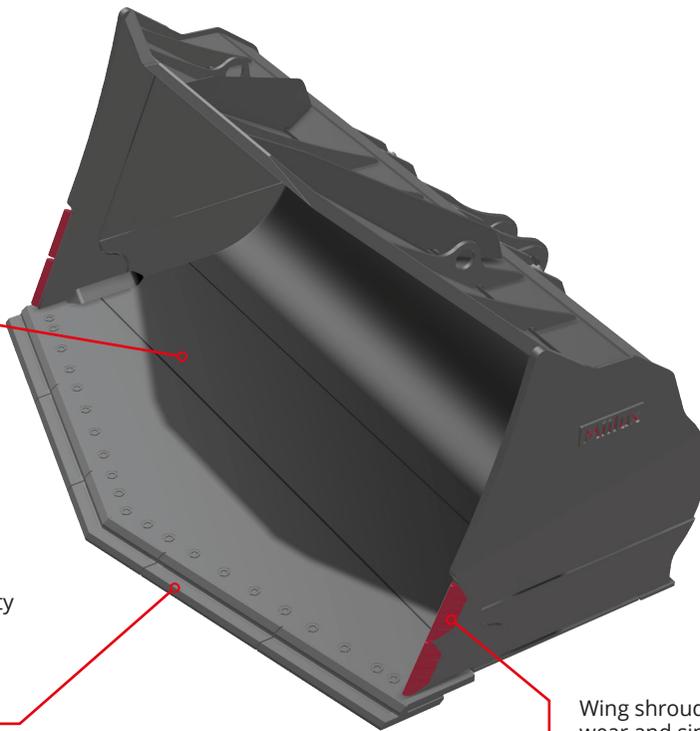
# LOADER BUCKETS FOR WHEEL LOADERS

The Miilux loader buckets continue our innovative approach. The buckets come equipped with a bolt-on cutting edge system and bolt-on heel bars, making them easy to service anytime, anywhere. The whole bucket is made of Miilux abrasion-resistant steels that guarantee extremely long service life and minimise the need for repairs. The Miilux wheel loader buckets are known for their light weight and high durability.

The whole bucket body is made of Miilux abrasion-resistant steel parts. The interior of the bucket is smooth and has no vulnerable overlapping seam welds.

The proven Miilux bolt-on cutting edge system is quick to repair all year round without welding. The system keeps the bucket's capacity consistent and machine operating costs in check, as extra work cycles caused by reduced capacity are avoided. The system also protects the bottom of the bucket.

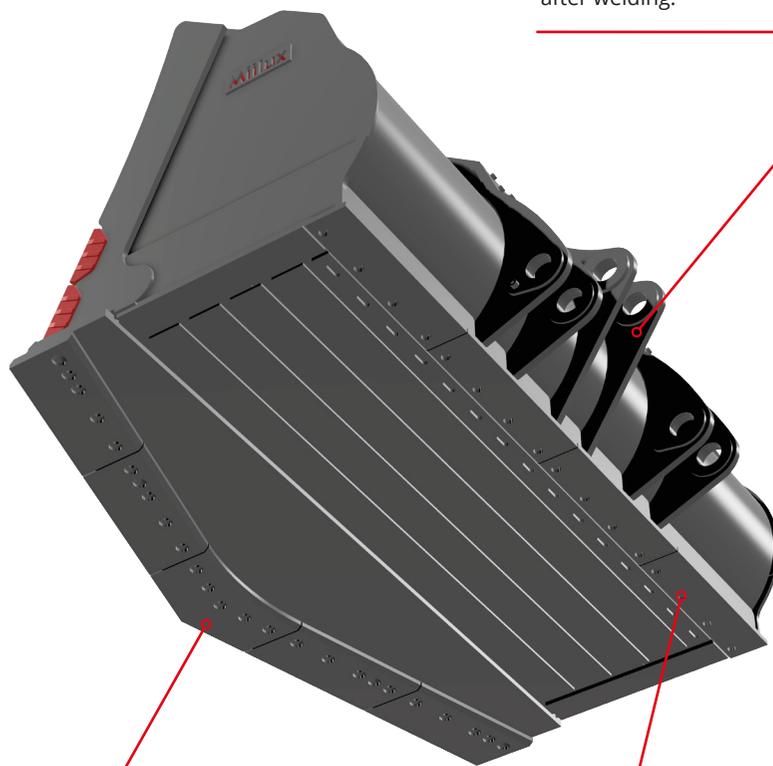
Wing shrouds prevent wear and simplify maintenance.



# MILUX® LOADER BUCKETS

- + Economical to operate
- + Quick and easy to change bolt-on wearing parts
- + High utilisation rate - less need to remove the bucket
- + Consistent bucket capacity thanks to bolt-on edges
- + Robust and lightweight construction

We ensure a precise fit by machining the lift eyes last after welding.



The system also protects the bottom of the bucket.

The bolt-on heel bars make maintenance quick and easy.

## Excellent productivity with thorough design

Milux loader buckets bring together customer's needs and the latest production technology. Wear is directed to extremely hard wear parts that would be challenging to use with conventional methods. Removing the need for welding makes repairs straightforward to plan and carry out anytime, anywhere. Expert design gives the buckets optimal geometry, dimensions and movement. **All this makes for a bucket you will want to keep!**

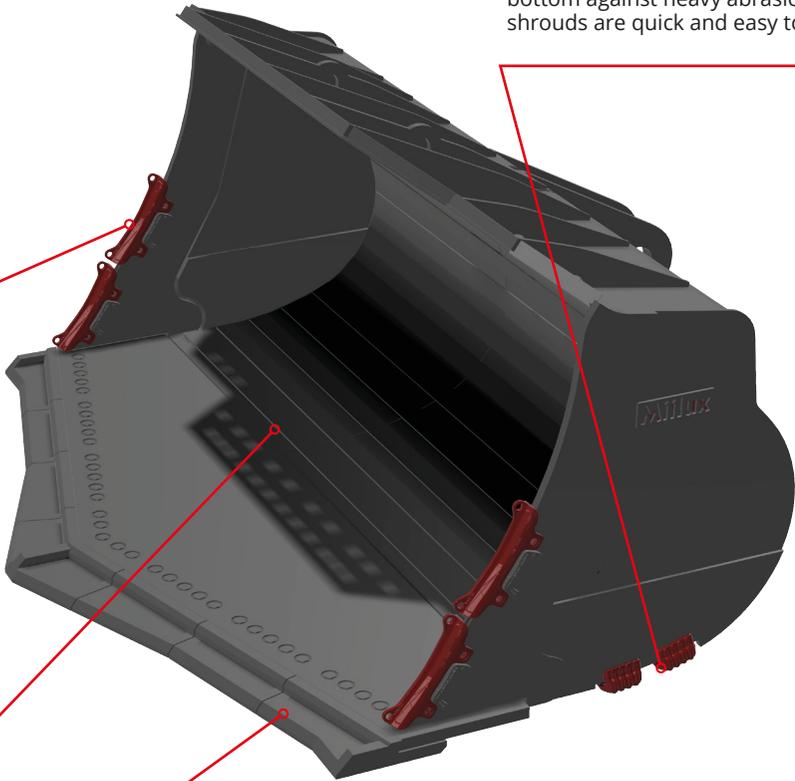
# HEAVY DUTY LOADER BUCKETS FOR WHEEL LOADERS

Miilux Oy designs, manufactures and sells the most modern heavy duty loader buckets on the market. Our buckets use unique protection and feature a robust body, making for very affordable operating costs.

MTG heel shrouds are an extremely effective and affordable way of protecting a bucket's corners and bottom against heavy abrasion. Heel shrouds are quick and easy to replace.

The MTG ProMet wing shrouds have a quick-change mechanical locking system. The shrouds can be rotated from side to side for even wear.

Inner wear bars fully protect the bucket body against wear.



The Miilux XHD bolt-on cutting edge system is designed to handle rock material and enables quick, easy and welding-free repair all year round. The system keeps the bucket's capacity consistent and machine operating costs in check, as extra work cycles caused by reduced capacity are avoided. Teeth can also be applied to the XHD system as desired.



# MIIILUX® HEAVY DUTY LOADER BUCKET WITH XHD BOLT-ON CUTTING EDGE SYSTEM

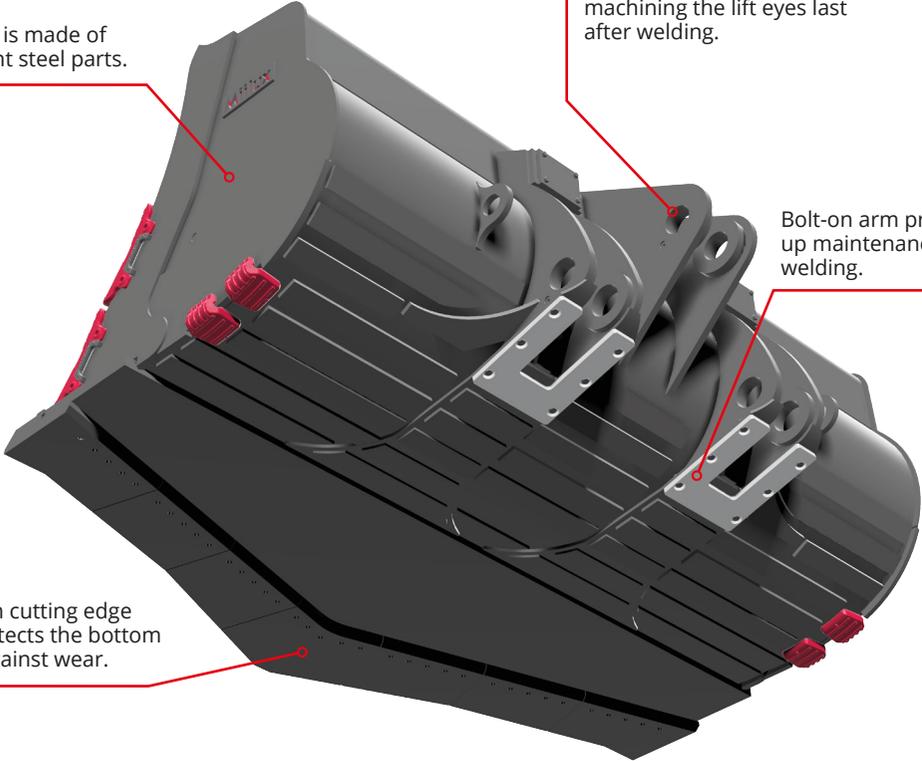
- + Economical to operate
- + Wear-protected body
- + Quick and easy to change wearing parts
- + High utilisation rate
- + Consistent bucket capacity
- + Minimised bucket weight

The whole bucket body is made of Miilux abrasion-resistant steel parts.

We ensure a precise fit by machining the lift eyes last after welding.

Bolt-on arm protectors speed up maintenance and don't need welding.

The XHD bolt-on cutting edge system also protects the bottom of the bucket against wear.



### Appropriate bucket protection saves money

**Large buckets** are expensive to maintain. Compared to small buckets, the maintenance of large buckets is harder to organise, carries a greater material cost and requires longer repair times.

**Maintenance** is mostly needed to repair wear and tear. Wear costs money in repairs, but also weakens the bucket body. Weakened buckets will eventually break, and then the worst case scenario is a complete shutdown of a plant and its machines. To avoid costly repairs and production losses due to disruptions, the bucket body should be protected effectively.

**Protection** is responsible for preventing wear on the body and making repairs quick and economical. By protecting critical areas and directing wear onto protective components, the bucket body can be spared wear and tear. Repairs will be predictable and individual wear parts are quick and easy to replace. The result is less downtime for the machine and no detriment to its operation due to bucket issues. This saves both time and money.

# Miilux® oy

## **Miilux Oy Finland**

Ruonankatu 1  
92100 RAAHE  
Finland

## **Miilux Poland Sp. z o.o.**

42-600 Tarnowskie Góry  
ul Hutnicza 5-9  
Poland

## **Miilux Turkey**

Organize Sanayi Bölgesi No:16  
Hasan Türek Cd.,  
45030 Keçiliköy Osb  
Manisa Merkez/Manisa, Turkey

[www.miilux.fi](http://www.miilux.fi)



ALL INFORMATION AS TO THE PROPERTIES AND  
UTILISATION OF MATERIALS AND PRODUCTS  
MENTIONED IN THIS BROCHURE ARE FOR THE  
PURPOSE OF DESCRIPTION ONLY.