

Atlas Copco Underground loaders

# Scooptram ST18



**The ride**

*Sustainable Productivity*

**Atlas Copco**

# Enjoy the ride

The much-anticipated Scooptram ST18  
– smart, hard-working and easy to like



Scooptram ST18 redefines underground loaders. By combining advanced technology and smart features – the all new Atlas Copco Scooptram ST18 is the greatest ride in the mine. The new 18-tonne underground loader means a big step forward for safety, maneuverability, comfort and productivity in underground operations. Once you've tried the new Scooptram ST18, you'll never want to let go of it. It's truly a workhorse that delivers.



# A sustainable ride to maximized productivity

The Scooptram ST18 is a ride towards better operational economy. This new, high-capacity underground loader comes with smart features that will improve productivity and reduce costs in a sustainable way.

The power of Atlas Copco's products and solutions comes from 140 years of experience in developing groundbreaking technology. Raising productivity in a climate that demands higher efficiency and sustainable production can only be accomplished by someone who's always the first to take new technology and put it to work.

## **Outstanding efficiency and safety**

The Scooptram ST18 is designed to be the most productive loader on the market. The new ride is competitive to the core. It offers many innovative and sustainable solutions that contribute to maximized uptime, a long service life, improved fuel consumption and an overall faster and more productive loading cycle. The optimized bucket and unique boom design, together with the proven Atlas Copco Rig Control System (RCS), traction control and soft stops on the boom, bucket and steering ensure outstanding efficiency and safety.

In underground haulage every bucket counts and unplanned downtime is not an option.

The Scooptram ST18 is engineered to improve structural life and reduce bucket spillage.

## **Optimized loading cycle**

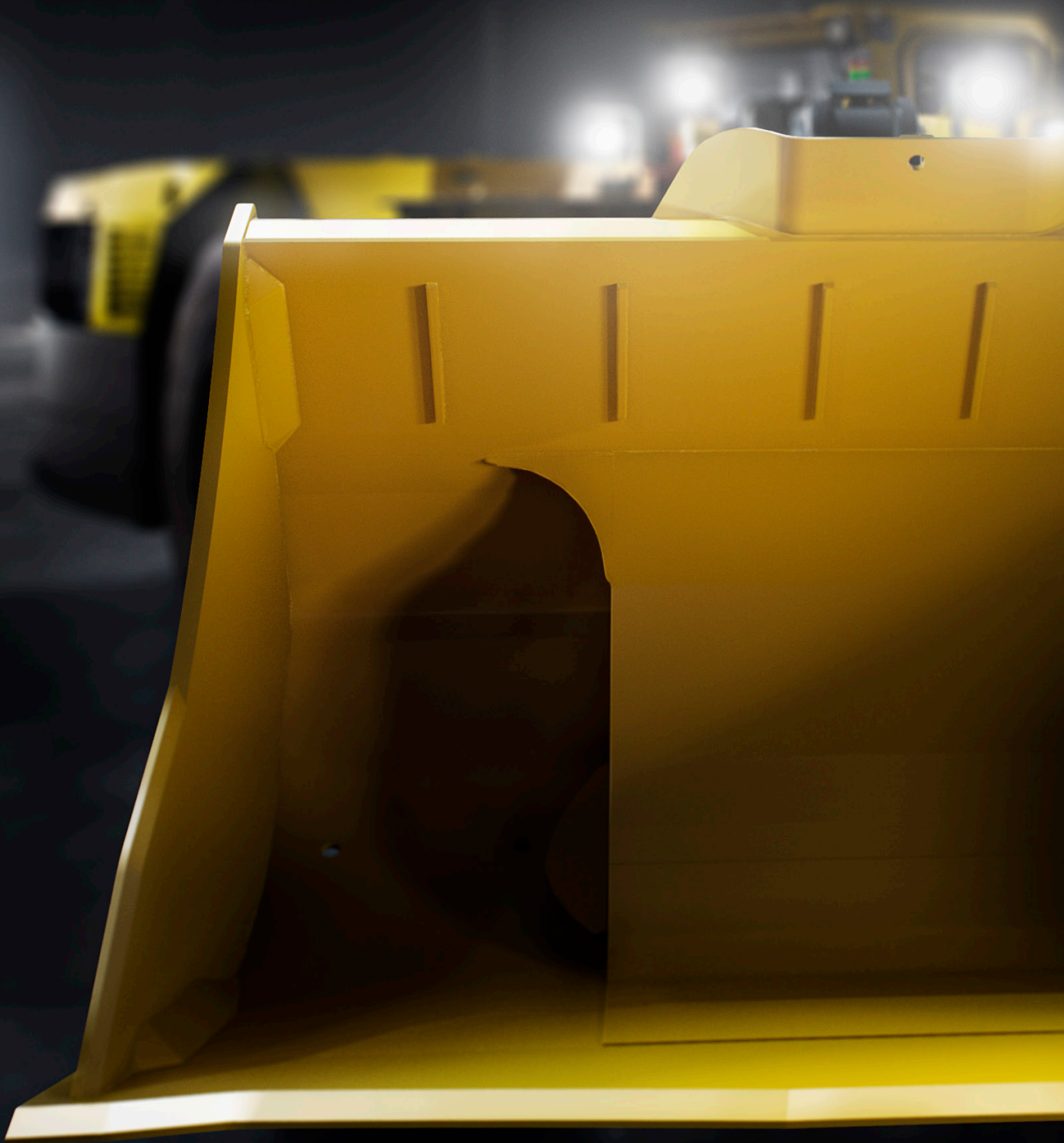
The Scooptram ST18 is developed to match the successful 60-tonne Minetruck MT6020.

The optimized bucket means better muck pile penetration, faster acceleration and faster dumping. The result is a better load factor on the truck and in the end – a higher tonnage per month. The ST18 and the MT6020 share many common parts and control system components, which substantially reduces total cost of ownership.

## Features for maximized productivity

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- Traction control
- Automatic ride control
- Automatic declutch
- Soft stops (steering/boom/bucket)
- Load weighing
- GIII bucket with GET
- Automation/RRC
- Load-sensing hydraulics with variable displacement pump
- Self-help features – production and maintenance logging



# Experience driving pleasure from a safe spot

With the new Atlas Copco Scooptram ST18 you can face your toughest everyday challenges from a secure spot – the user-friendly and comfortable cab. The ST18 is loaded with features that make operation safe and convenient and take productivity to a new level. All this adds up to an outstanding operator experience.



## Safety fundamental

Scooptram ST18 sets a new standard in the underground loader market segment. The operator sits in a spacious FOPS/ROPS-approved cab with air conditioning and has extra leg room thanks to the clever Atlas Copco footbox.

The layout of the controls is ergonomically optimized and visibility is best in class even towards the rear, thanks to the sloping design and shorter power frame structure.

Safety was fundamental in the engineering of the Scooptram ST18. The objective was clear: to construct a workplace that makes it possible to carry out work in the safest and most effective way. This resulted in several safety features being included as standard, such as protection guards, 3-point access system, safety latches, boom lockup and fire suppression systems, to name just a few. The ST18 can also be equipped to run semi-autonomously or by radio remote control.



Comfort is just a few feet away. The unique Atlas Copco footbox provides increased leg room and contributes to outstanding operator experience.

## Features for improved safety and comfort

- Automatic brake test with diagnostics and logging
- ROPS/FOPS-approved and oil-free cab
- Low and sloping back end
- Increased leg room with the Atlas Copco footbox
- Rubber-mounted cab for reduced vibration level
- Ergonomic multifunction control joysticks within the ISO zone of comfort
- Steering and boom soft stops reduce vibration for the operator

## Features for easy service and maintenance

- Daily maintenance can be done from ground level
- Atlas Copco Rig Control System (RCS) provides service information in clear text on the monitor
- Filter sensors with data collection for air, hydraulic and transmission filters
- Daily lube points quick and easy to service
- Automatic lubrication system with low level warning and lube fault detection for all daily lube points

# No worries

## Services for trouble-free ownership

Atlas Copco Scooptram ST18 is more than a machine. The new underground loader comes with a number of Atlas Copco Service products that add value to your operation. And, not least, peace of mind.

Atlas Copco products are built to last. Each and every one delivers superior performance in the most efficient and cost-effective way, even under the toughest conditions. But there is more. We back up your equipment with sustainable solutions that deliver better safety, higher productivity and peace of mind. The Atlas Copco Service global offering is loaded with reliability and high availability. Atlas Copco Service aims to contribute to your profitability and add value to your operation.



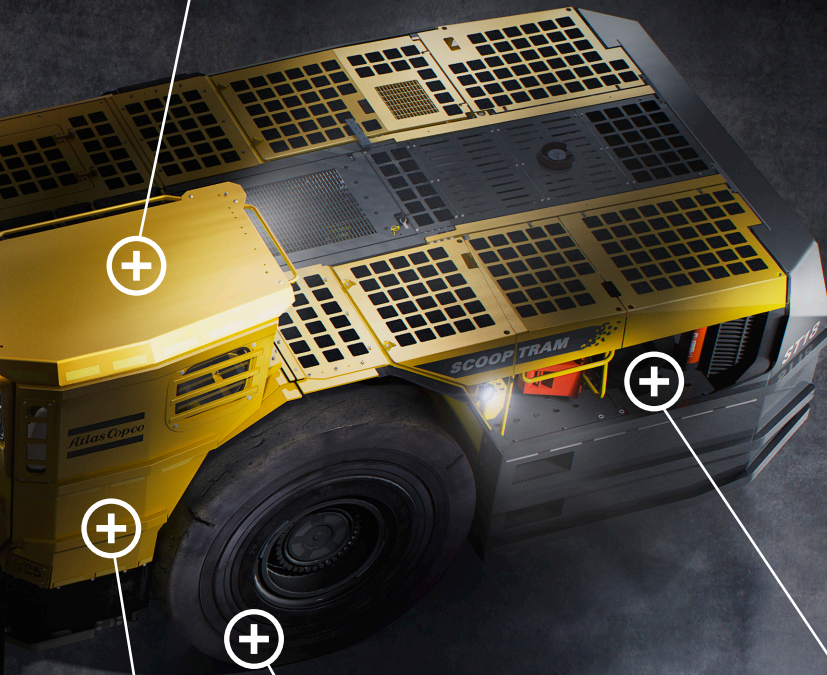
### **RigScan**

RigScan from Atlas Copco is an advanced audit service product that offers you a real-time, non-intrusive look at your Scooptram ST18's running condition and performance following Atlas Copco standards. RigScan provides a unique solution to solving downtime and production losses by identifying potential problems before they become real concerns.



## Training

Atlas Copco's complete training program for Scooptram ST18 prepares you for the difficult challenges you face every day. Any practical training takes place in a safe mining environment. Our very life-like and sophisticated training ST18 simulator lets you practice your abilities before taking the controls of a real machine.



## Telematics solution

Atlas Copco telematics solution helps to manage and enhance the output of your Scooptram ST18 and other underground equipment. Telematics provide the opportunity to turn failure into predictability and idle time into productivity. The easy-to-use web-based interface presents equipment utilization and fleet productivity graphically.

## Replacement parts and kits, common components

Genuine replacement parts are engineered to ensure proper, safe and easy maintenance of your ST18 in compliance with the Atlas Copco quality standards. Kits for the Scooptram ST18 are intelligent combinations of genuine replacement parts, packaged to streamline maintenance and repair operations.

## CARE Agreements

Atlas Copco CARE Agreements for Scooptram ST18 deliver security, high uptime and peace of mind. Scheduled service, detailed inspection protocols and extended warranty are the key ingredients of CARE Agreements and are tailored to fit your ST18. These agreements reliably protect against unexpected breakdowns and costly production losses.

# Play it safe

## Go real in the Scooptram ST18 simulator

To achieve a result you need skills. This takes training, experience, involvement and long hours of practice at the loader's controls. In Atlas Copco's amazingly lifelike and sophisticated Scooptram ST18 training simulator, you are given plenty of time to practice on machinery and systems – before you enter the real world.

Simulator training has great benefits. It's very safe, involves no interference with mine production and it quickly improves your ability to master the machine, right from the start. We are looking at original Atlas Copco cutting-edge technology, integrated in our state-of-the-art simulators. This is as close to reality as you can get.

### **True-to-life simulator**

The Scooptram ST18 simulator is designed with a number of training scenarios where you can increase your machine skills. The simulator has all original components and control systems integrated as on a real machine.

The simulator also has a motion platform to provide the authentic feeling of the real machine. You can also learn how to use the Radio Remote Control (RRC) in the simulator, using the real controls.





## Features

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- Original cab
- Available in your language
- Motion platform
- Original controls and control system integrated
- Simulator management system

## Benefits

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- Training in a safe environment
- No interference with mine production
- No fuel or power consumption
- 24/7 training possibility



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