

# BREAKER BOOMS



ELEVATING SAFETY,  
MAXIMIZING EFFICIENCY.

**normet**  
**XROCK®**



## Experience the perfect balance between efficiency, safety, and ease of use.

You know how things are: In the construction and mining industry, you must be ready for action, even on a short schedule. When you need your machinery to work relentlessly and reliably, your choice is an Xrock breaker boom. You'll find a breaker boom suitable for every size mine and applications from our four comprehensive ranges. Xrock breaker booms are designed and manufactured for light to extreme duty crushers and grizzlies in mining and construction applications.

Our over 40 years of commitment to serviceability and customer-centric design has led us to create a comprehensive solution that enhances your mining business. Normet Xrock breaker boom product line offers a wide fleet of comprehensive boom series optimized for underground mining operations.

Our booms range from portable to stationary crushing to grizzly operations, Normet Xrock breaker booms' agility, robustness, and converge will redefine your operations. Our dedication to practicality extends to common spare parts, simplifying replacements and reducing downtime. Service points are strategically positioned to ensure accessibility and fast maintenance. Normet Xrock® automation helps you optimize operations to the maximum level. The risk of error is reduced, and you can trust that the working environment is safe and productive.

### Agile and robust design

- Normet Xrock breaker booms are designed to master a variety of applications from stationary crushing and grizzly operations.
- Robust and agile design ensures long service life and effortless usability.

### Availability with a global network

Due to Normet's global network, Xrock breaker booms have excellent availability - so you can get to work quickly.

### Excellent serviceability

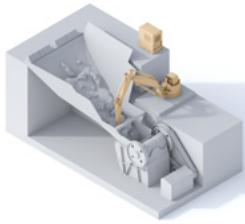
- Xrock breaker booms have accessible service points, making maintenance easy. Uptime is maximised further with our renowned professional maintenance services.
- Our cost-effective spare parts services ensure that owning an Normet Xrock breaker boom is always an asset, and your work never stops.

### Enhanced safety and productivity

Normet Xrock breaker booms are fully compatible with Xrock® automation technology, which allows you to optimize your operations to their maximum level in a safe, responsible way.

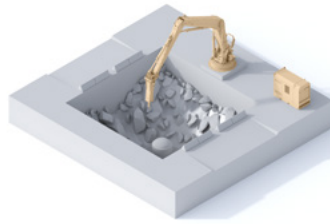


# APPLICATIONS



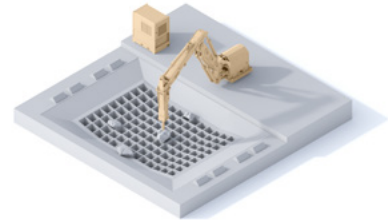
## STATIONARY & MOBILE CRUSHERS

Revealing a geometry meticulously crafted for jaw crushers, Normet Xrock breaker booms excel in their tailored optimization for the task. From light to medium-duty variants, our jaw crusher booms offer easy maintenance and boast the agile boom design offers extensive reach in all directions.



## GYRATORY CRUSHES

Experience excellence in heavy-duty solutions with the Normet Xrock breaker boom product line, tailored for gyratory crushing applications. Tailored for optimal grizzly performance, our products boast extensive reach, formidable rock-breaking prowess, durable wide-coverage design for extended service life, and unrivaled serviceability to keep downtime at a minimum.



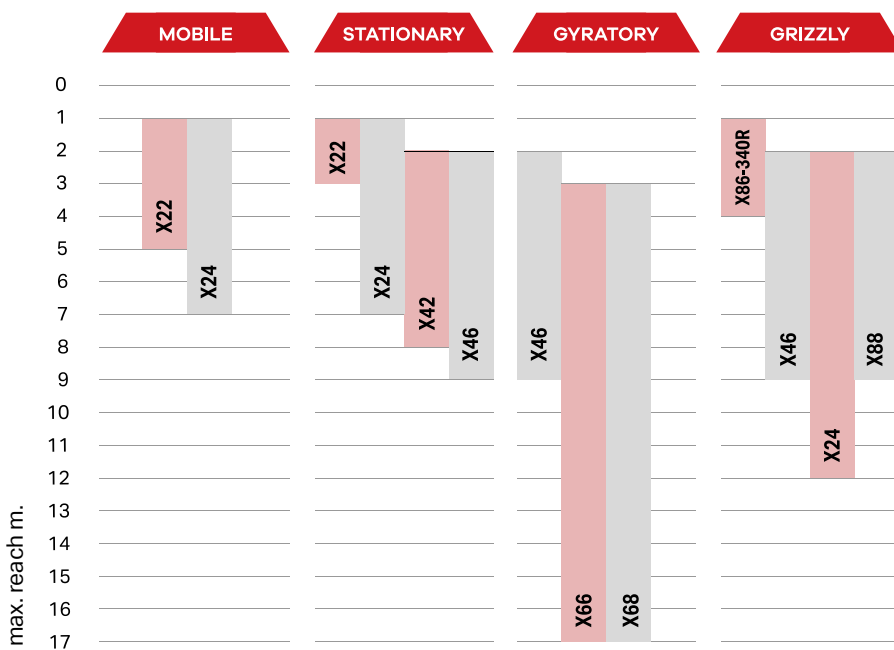
## GRIZZLIES

Discover a diverse range within the Normet Xrock breaker boom selection, designed to seamlessly enhance grizzly applications in mining and construction operations. Engineered with high tensile load distribution plates and large diameter pins, our booms guarantee robust hard rock breaking and powerful raking capabilities. Elevate service life and enhance work safety with our innovative features.

### ADDITIONAL APPLICATIONS

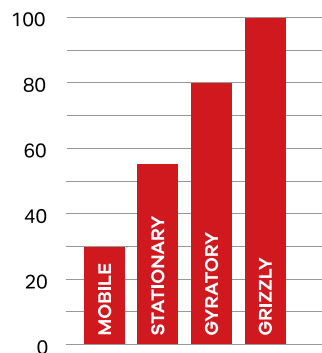
The Normet Xrock breaker booms are versatile, catering to the demands of material handling applications and demonstrating exceptional suitability, including scrap material removal processes. Moreover, our booms can be custom-fitted to excel in high-temperature environments, such as steel smelters.

# BREAKER BOOM MAXIMUM REACH FOR APPLICATIONS



**Mobile** (2-6 m)  
**Stationary** (3-9 m)  
**Grizzly** (3-10 m)  
**Gyratory** (9-18 m)

### UTILIZATION RATE



# FULL LINE OFFERING FROM BREAKERS TO AUTOMATION

## BREAKERS AND POWER UNITS

Seamless integration into any mining infrastructure defines Normet Xrock breaker booms for a variety of breakers. With their agile design, our booms ensure effortless usage and maneuverability. Expansive coverage is matched by maintenance-free cylinder bearings and maximizing service life. Additionally, the Normet Xrock selection encompasses power units specifically fitted for booms. Our power units arrive fully assembled and rigorously tested, ensuring immediate readiness for deployment.



## Recommended Breakers for rock types and bolder sizes

| Bolder size (m³) | Boulders / hour | Hard rock   | Medium hard rock | Soft rock   |
|------------------|-----------------|-------------|------------------|-------------|
| 0 - 1            | 0 - 10          | XB18 - XB23 | XB6 - XB14       | XB5 - XB11  |
|                  | 10 - ...        | XB23 - XB27 | XB14             | XB14        |
| 1 - 2            | 0 - 10          | XB23 - XB27 | XB14             | XB6 - XB14  |
|                  | 10 - ...        | XB27        | XB18 - XB23      | XB14        |
| 2 - 4            | 0 - 10          | XB32        | XB23 - XB27      | XB18 - XB23 |
|                  | 10 - ...        | XB32 - XB45 | XB32             | XB27        |

**Hard rock:** basalt, gabro, granite, gneiss / **Medium hard:** hard limestone, andesite, sandstone / **Soft rock:** coal, shale, soft limestone

## WIRELESS REMOTE CONTROL

The Normet Xrock wireless radio remote control is engineered to be lightweight and ergonomic, facilitating safe and user-friendly operations from a secure location.



## XROCK® AUTOMATION AND TELE-REMOTE SYSTEM

All Normet Xrock breaker booms are readily fitted for automated usage. Xrock® is a fully modular and scalable breaker boom automation system that optimizes the mine's processes in a responsible way. Whether you are just starting out with one boom operation or need multi-boom operations to support your full fleet, Xrock® has the solution for your business. Xrock® automation brings you a total peace of mind.





# MADE TO BREAK, BUILT TO LAST

## WE TAKE PRIDE IN OUR PRODUCTS.

Normet Xrock® breaker boom systems are world-leading in durability and accessibility, with a comprehensive product line that offers reliable, all-round solutions for businesses of all sizes in both mining and construction. Years of experience from field, countless testing and a broad customer portfolio has developed the manufacturing processes and products to their optimal state along with our decades of combined experience, we ensure longest lifespan of tried-and-true equipment for their owners and users.

Since we don't live in a vacuum, unexpected situations are bound to happen – and some of them not so pleasant but because we know the extent of issues, we are prepared for them. To keep your operations running at maximum level, we provide a comprehensive range of services to you such as maintenance, field services, technical support, spare parts, and training readily. Thanks to our strategically located service centers, global reach of service technicians, and an efficient supply chain, we support our customers anytime and anywhere.





**NORMET AMERICAS**  
SALT LAKE CITY (USA)

**NORMET FINLAND**  
LAHTI (FINLAND)

**NORMET FINLAND**  
IISALMI (FINLAND)

**NORMET CHINA**  
SHANGHAI (CHINA)

**NORMET INDIA**  
NOIDA (INDIA)

**NORMET CHILE**  
SANTIAGO (CHILE)

**NORMET SOUTH AFRICA**  
JOHANNESBURG (SOUTH AFRICA)

**NORMET ASIA-PACIFIC**  
ADELAIDE (AUSTRALIA)

**NORTH AMERICA**  
Canada  
Mexico  
USA

**SOUTH AMERICA**  
Brazil  
Chile  
Colombia  
Peru

**EUROPE**  
Finland  
France  
Germany  
Norway  
Sweden  
Switzerland  
United Kingdom

**AFRICA**  
Democratic Republic  
of Congo  
Ghana  
South Africa  
Zambia

**MIDDLE EAST**  
Qatar  
United Arab Emirates

**EURASIA**  
Kazakhstan  
Mongolia  
Uzbekistan

**INDIA**  
**CHINA**

**APAC**  
Australia  
Hong Kong  
Indonesia  
Japan  
Singapore  
Taiwan

© 2023 Normet

## UNITED IN POWER: **NORMET AND RAMBOOMS**

Drawing upon decades of collective experience within the mining and construction sector, Normet and Rambooms have seamlessly converged to establish a united Normet family. Together, we forge an innovative and collective powerhouse within the mining and construction industry. Our unification opens new horizons of excellence for our customers worldwide. Rambooms has been known for their high-quality, robust products for years, and now their best features are further enhanced by Normet. We present a comprehensive range of products that blend advanced technology and sector-specific expertise and deliver exceptional value to a diverse clientele.

