

# Breaker Boom

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Flow with Power.  
Lead with Innovation.



[seidemachine.com](http://seidemachine.com)

Seide Machine, No:19, 1411/1. Sk., Izmir, Turkey

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# Overview

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At mining and quarry operations, we understand the value of time. Our Stationary Rock Breaker Boom Systems are designed with a robust and user-friendly structure to ensure your plant performs efficiently even under the most demanding conditions.

We offer a comprehensive range of Stationary Breaker Boom Systems that enhance safety, productivity, and profitability in crushing applications across quarries and mines worldwide. These systems are engineered to break oversized materials, reduce downtime, and maintain operational flow in tough environments. They are the safest solution for managing bridging, build-up, and oversized rocks.

We provide detailed product offer drawings to help you choose the most suitable boom model for your specific needs. Each complete package includes a rock breaker boom, power pack, hydraulic breaker, and supporting steel structures.



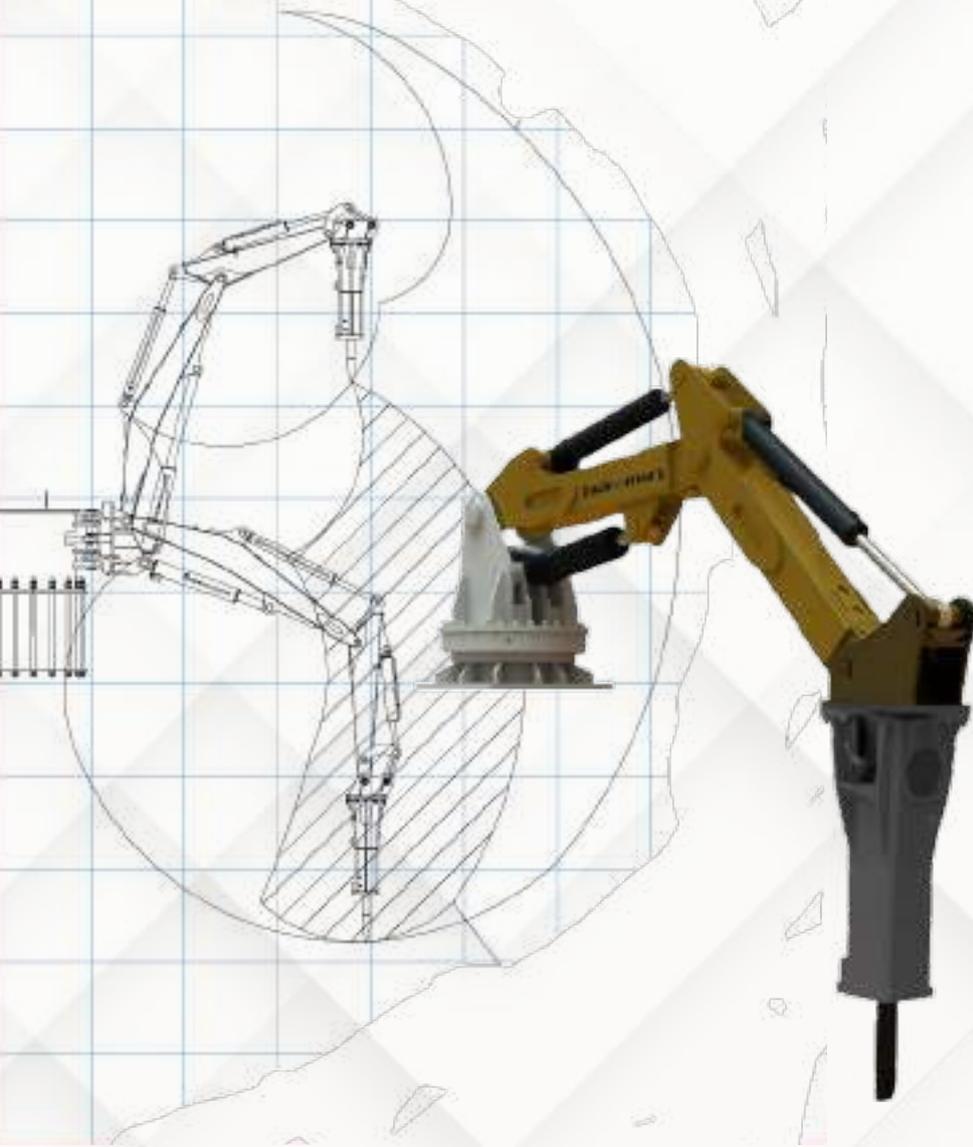
Fatih B. Bektas - Sales Dept.



# Models

Highlights of condition monitoring

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Seide's  
**Breaker Table**

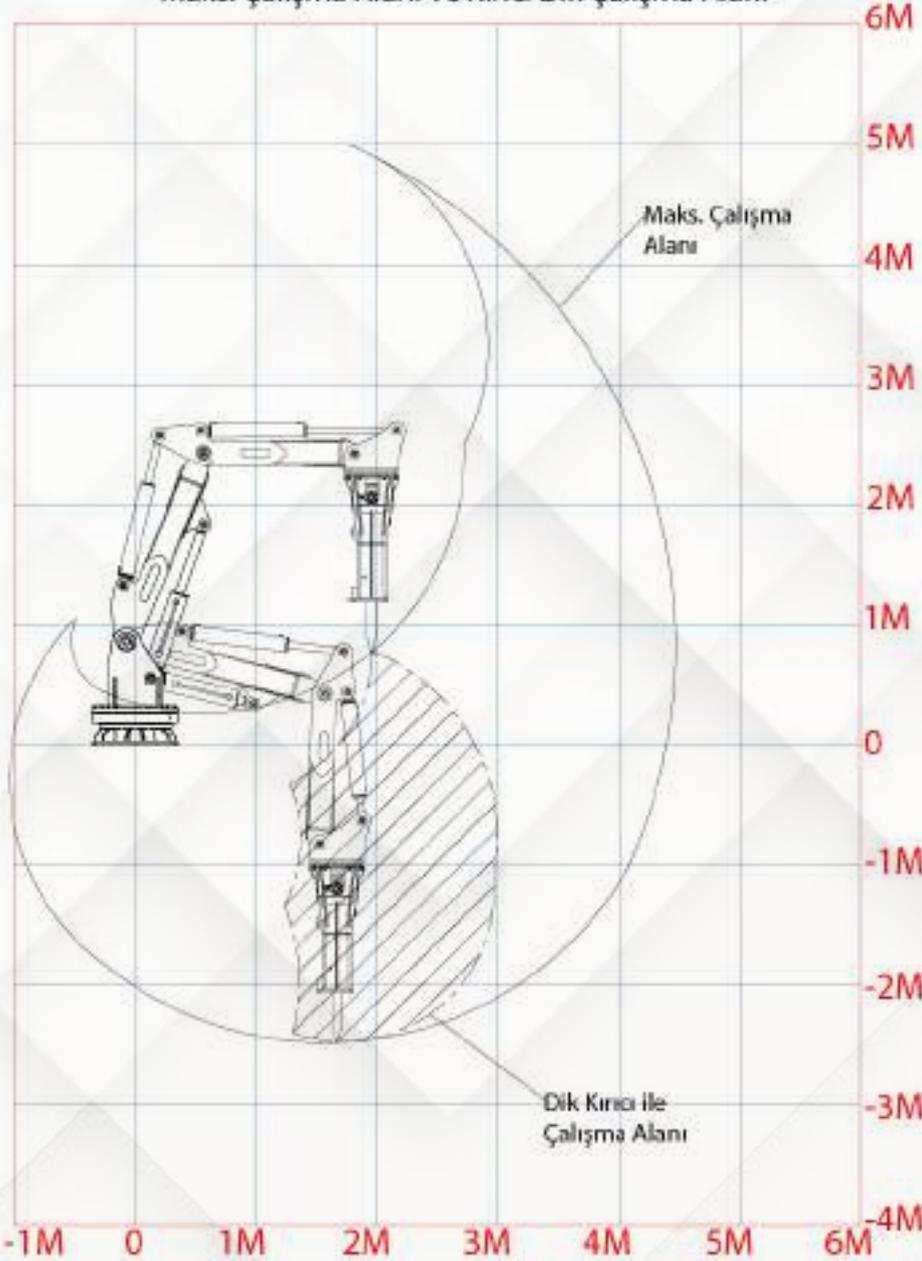
Model	Maks. Yatay Uzanma	Dikey Uzanma	Dönüş Açısı	Motor Gücü	Tavsiye Edilen Kırıcı (Kırıcı Fiyata Dahil Değildir)	Komple Sistem Fiyatı (Montaj Hariç)	OPSİYON ÖZELLİKLER		
							Radio Kontrol Uzaktan Kumanda Oransal Kumanda İlavesi	360 Döndürme İlavesi	Açıklama
HMN 295	4500 mm	5000 mm	140°	22 kW	MTB 25-36-45	REQUEST	REQUEST	REQUEST	Kırıcı ve Yerinde Montaj Hariç
HMN 430	6300 mm	6300 mm	140°	37 kW	MTB 25-36-45	REQUEST	REQUEST	REQUEST	Kırıcı ve Yerinde Montaj Hariç
HMN 500R	6800 mm	5570 mm	140°	37 kW	MTB 36-125	REQUEST	REQUEST	REQUEST	Kırıcı ve Yerinde Montaj Hariç

Specs of

# HMN295

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## SIMULATION OF WORKING AREA



Specification	Value
Boom Weight	1300 kg
Max. Horizontal Reach (Radius)	4500 mm
Max. Vertical Reach (H)	5000 mm
Rotation Angle	360°
Hydraulic Unit Weight	450 kg
Motor Power	22 kW
Motor Speed	1450 rpm
Max. Pressure	170 bar
Working Pressure	120 bar
Max. Flow Rate	65 L/min
Tank Capacity	250 L
Recommended Breaker	MTB 25 – MTB 36 – MTB 45
Hydraulic Power Unit Model	PP22

## Client reviews

"We've been operating the HMN 295 for over 6 months now, and the 360° rotation capability has been a real game-changer — especially in tight hopper configurations. It allows precise positioning with minimal operator effort, significantly improving both productivity and safety. The 22 kW motor provides smooth, consistent performance, and the boom remains stable even during continuous use. I also appreciate how maintenance-friendly the hydraulic power unit is. If uptime matters to your operation, this system truly delivers."

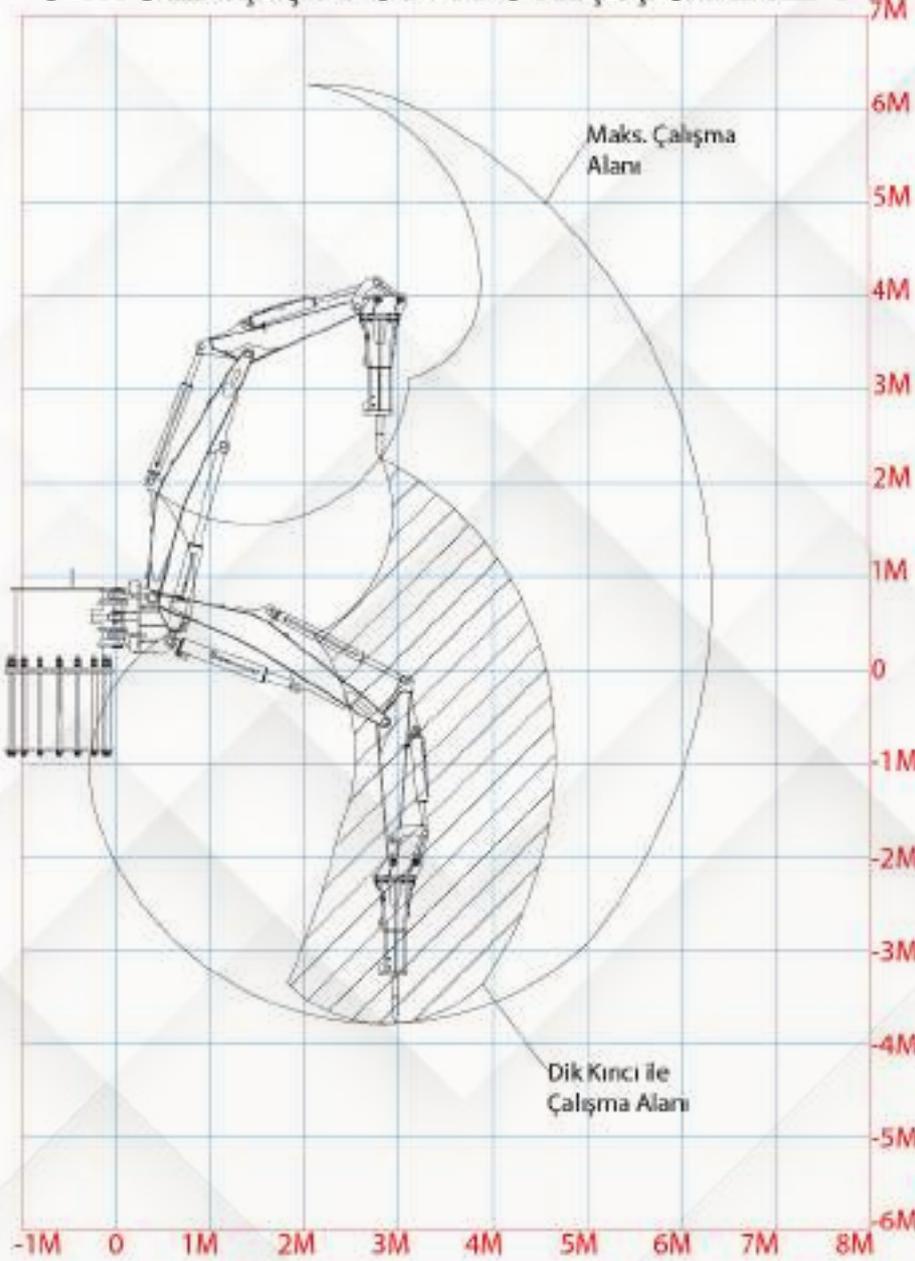
-Mechanical Maintenance Engineer | Etibakır

Specs of

# HMN430

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## SIMULATION OF WORKING AREA



Specification	Value
Boom Weight	2000 kg
Max. Horizontal Reach (Radius)	6300 mm
Max. Vertical Reach (H)	6300 mm
Rotation Angle	140°
Hydraulic Unit Weight	600 kg
Motor Power	37 kW
Motor Speed	1450 rpm
Max. Pressure	210 bar
Working Pressure	190 bar
Max. Flow Rate	100 L/min
Tank Capacity	400 L
Recommended Breaker	MTB 25 – MTB 36 – MTB 45
Hydraulic Power Unit Model	PP37

## Client reviews

"We integrated the HMN 430 unit into our quarry operations last year, and it quickly became an essential part of our material flow. The 140° rotation covers just the right working arc for our hopper layout, and the boom remains impressively rigid even at full extension. The PP37 hydraulic unit delivers smooth motion and stable power. It's a practical, operator-friendly solution that balances strength and precision perfectly."

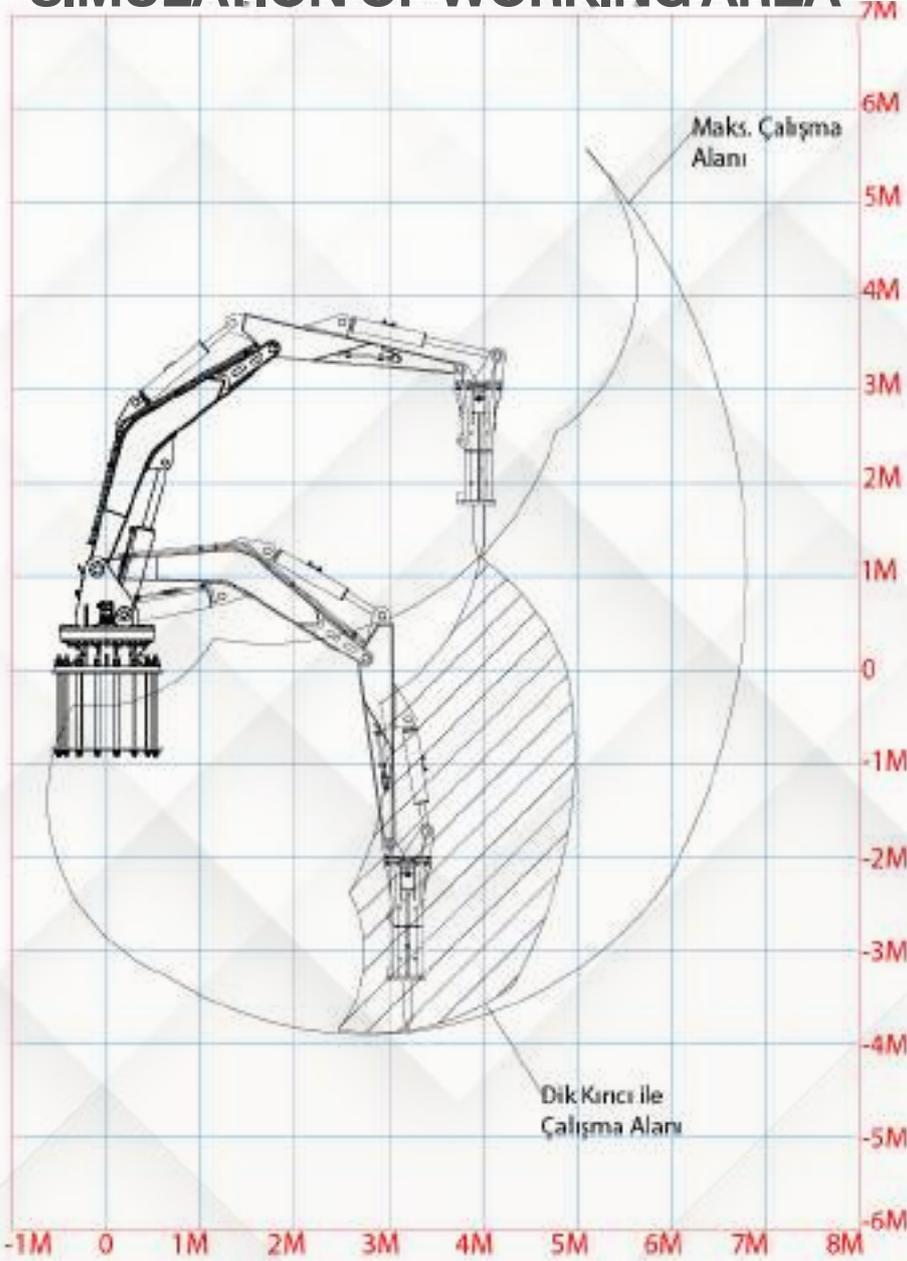
— Site Equipment Supervisor | Cengiz İnşaat

Specs of

# HMN500

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## SIMULATION OF WORKING AREA



Specification	Value
Boom Weight	2550 kg
Max. Horizontal Reach (Radius)	6800 mm
Max. Vertical Reach (H)	5570 mm
Rotation Angle	360°
Hydraulic Unit Weight	600 kg
Motor Power	37 kW
Motor Speed	1450 rpm
Max. Pressure	210 bar
Working Pressure	190 bar
Max. Flow Rate	100 L/min
Tank Capacity	400 L
Recommended Breaker	MTB 36 – MTB 45 – MTB 65 – MTB 95 – MTB 125
Hydraulic Power Unit Model	PP37

## Client reviews

"The HMN 500 R has proven to be a highly capable boom system for our heavy-load crushing operations. Its extended horizontal reach and full 360° rotation provide outstanding maneuverability, even in complex material handling zones. We paired it with an MTB 95 breaker, and the hydraulic performance remained stable under continuous operation. The build quality and system response time exceeded our expectations. A solid choice for high-throughput applications."

— Mechanical Operations Chief | Eczacıbaşı Mining Division

# Hydraulic Power Units

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## Highlights of The Heart of Your Breaker Boom System

### Why Choose Seide Hydraulic Power Units?

More Than Just Power – It's Smart, Safe and Built to Endure.

When it comes to powering breaker boom systems, not all hydraulic units are created equal. At Seide, we go beyond standard power delivery – we engineer hydraulic systems that elevate the performance, safety, and reliability of your entire operation.

### Designed with Intelligence

Our hydraulic units are built with smart design principles:

Thoughtful layout for easy maintenance access

Modular structure for fast part replacement

Sensor-ready design for Industry 4.0 integration

“Service teams love how accessible and clean our units are.”

### Tailored for You

We don't believe in one-size-fits-all. Seide offers:

Custom motor-pump combinations

Flexible tank sizing

Electrical panel design based on your site needs

Whether above ground or underground – we build it your way.



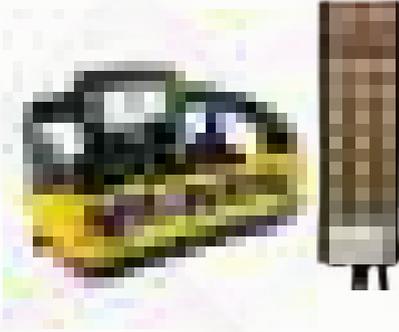
**Power you can trust. Engineering you can feel.**



# Customize Your System

Seide

## Highlights of additional components



### RADIO CONTROL REMOTE - SAFE & RELIABLE

- Enhance operator flexibility and safety with our Radio Control Remote System, designed for seamless wireless operation of the breaker boom from a distance.
- The system includes:
  - Proportional wireless joystick controller for smooth and precise movements
  - Robust signal transmission with extended range and reliability
  - Hands-on mobility allowing the operator to reposition for better visibility and control
  - Rugged industrial-grade design suitable for harsh working environments
- This option significantly improves operator safety by keeping personnel away from hazardous areas during operation.



### 360° ROTATION ADD-ON – EXTENDED REACH & FLEXIBILITY

- Achieve full operational freedom with our 360° Rotation Add-on, allowing the breaker boom to rotate continuously around its base.
- The add-on provides:
  - Unlimited horizontal rotation for improved reach in confined or complex plant layouts
  - Enhanced maneuverability to address blockages from multiple angles
  - Time-saving operations by minimizing the need to reposition the boom base
  - Heavy-duty bearing and slewing system for long-term durability and smooth rotation
- Ideal for applications requiring maximum coverage, especially in large hoppers, wide feeder areas, or multi-point crushing stations.



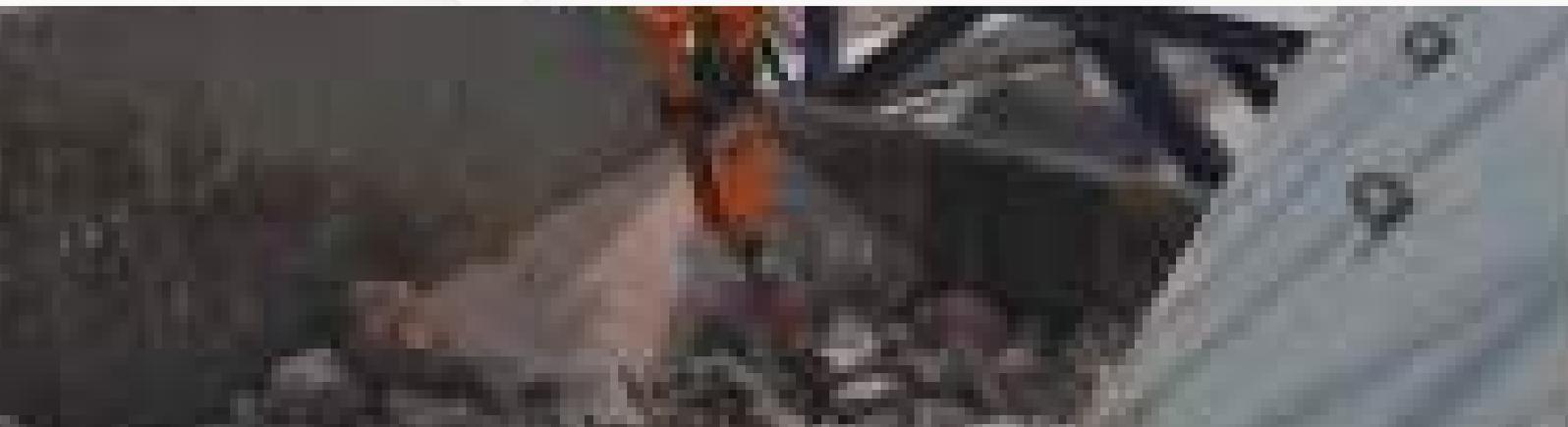
### TELE REMOTE CONTROL SYSTEM – SAFE OPERATION FROM A DISTANCE

Engineered for high-risk environments, the Tele Remote Control System allows full control of the breaker boom without the need for direct line-of-sight. This advanced solution improves operator safety, reaction time, and efficiency, especially in hazardous or hard-to-reach crushing zones.

#### System Features:

- Ergonomic operator seat with integrated proportional joysticks
- Real-time monitoring screen providing live video feed from the crusher area
- Wireless control unit with long-range connectivity and secure signal transmission
- Adjustable camera angles for optimized field visibility
- Built-in emergency stop and safety lockout features

At Seide, we offer tailor-made solutions based on your operational needs. Choose from our custom options to configure your boom system for optimal performance.



# Future-Ready Breaker Boom System



## Highlights of industry 5.0

At Seide, innovation is not an option, it's our commitment. We are continuously evolving our Stationary Breaker Boom Systems with the latest advancements in Industry 4.0 and 5.0 to offer unmatched performance, safety, and intelligence.

### Adaptive Impact Intelligence

Our boom systems can be equipped with smart sensors and AI algorithms that analyze material hardness and adjust hammer force in real-time, ensuring optimal energy use and extended breaker life.

### Vision-Aided Operation (AI + Camera)

- Thermal and optical vision systems detect oversized rocks, bridging, and jamming before they cause downtime — guiding the operator with suggested interventions.

### Self-Zeroing Boom Feature

- After each operation, the boom safely returns to its default home position, reducing the risk of misalignment, collisions, and idle movements.

### Offline Telemetry & Local Data Logging

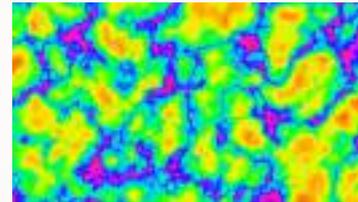
- Ideal for remote mining environments, our systems offer internal data logging with USB export and optional local dashboard monitoring — no internet required.

### EcoMode: Smart Power Efficiency

- With intelligent idle detection and auto shut-off during inactivity, our booms help reduce energy consumption and contribute to sustainable operations.

### Mobile Integration for Diagnostics

- Field technicians and operators can now access boom data, maintenance logs, and software updates directly from their smartphones via secure Bluetooth/Wi-Fi connections.



# About Us

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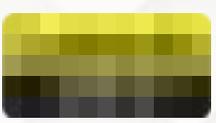
## Highlights of hydraulic hose

At Seide Machine, a proud member of the Hidroman Group, we specialize in the design and production of high-performance machinery and hydraulic system solutions. With over 20 years of experience, we have become a trusted name in the industry, known for our engineering excellence, quality-focused manufacturing, and commitment to innovation.

Rooted in our deep expertise and guided by a forward-thinking mindset, we offer cutting-edge solutions tailored to meet the evolving needs of global industries – from energy and construction to automation and beyond. Our customer-centric approach drives us to deliver not only products, but long-term value and partnership.

We believe that true progress comes from combining technical precision with relentless innovation. With a dynamic team, state-of-the-art facilities, and a global perspective, we continue to build machines that move industries forward.

# hidroman



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