



**Newsletter**

**January 2026**



# ULTRATREX PRODUCT NEWS

## ULTRATREX AT200ERST: THE NEXT-GENERATION AMPHIBIOUS EXCAVATOR HITS THE MARKET

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Ultratrex proudly introduces the AT200ERST, the latest evolution in amphibious excavator engineering. Designed to meet the growing demand for durability, serviceability, and operational efficiency, the AT200ERST represents a significant advancement over our previous ER and ERPS series.

### **A New Concept in Amphibious Undercarriage Design**

Unlike conventional amphibious excavators that utilize fully customized undercarriage components, the AT200ERST features a redesigned amphibious undercarriage integrated with standard excavator track chains and rollers.

This innovative configuration offers several key advantages:

#### **Standard Track Chain & Roller System**

The AT200ERST adopts widely available, heavy-duty standard undercarriage components, improving parts accessibility and simplifying maintenance procedures.

#### **Enhanced Durability**

By incorporating proven standard track chains and rollers, the machine benefits from established reliability under demanding working conditions.

#### **Optimized Structural Engineering**

The newly engineered amphibious undercarriage is specifically designed to accommodate the standard track system while maintaining buoyancy, stability

#### **Reduced Maintenance Downtime**

With easier sourcing of replacement parts and familiar service procedures, operators can minimize machine downtime and operational disruptions.

### **Built for Challenging Environments**

The AT200ERST is engineered for operations in:

- Swamp and marshland
- Riverbank maintenance
- Coastal and tidal areas
- Dredging support applications
- Low bearing capacity terrain

Its redesigned structure ensures superior balance between flotation capability and mechanical robustness delivering both amphibious functionality and conventional excavator reliability.

### **Advancing Amphibious Technology**

The AT200ERST marks a strategic step forward in Ultratrex's commitment to innovation. By combining a new amphibious undercarriage platform with standard track chain and roller components, Ultratrex sets a new benchmark for cost-efficiency, serviceability, and performance in the amphibious excavator market.

With the launch of the AT200ERST, Ultratrex continues to redefine what modern amphibious machinery can achieve.



# ULTRATREX LONG REACH ARM SOLUTION FOR DEEP, WIDE, AND CHALLENGING APPLICATIONS



performance Long Reach Arm (LRA) engineered with premium materials, advanced simulation technology, and robotic welding precision to deliver exceptional durability and extended operational reach for demanding applications.

## Premium EM Bushing & Pin System

Reliability begins at every joint.

Equipped with Korean premium components  
Self-greasing bushings prevent seizure and ensure continuous interface lubrication  
Greasing interval extended up to 250 hours  
Designed to reduce foreign substance and abrasive particle accumulation  
Hard chrome electroplated solid pins with hardness above HV 650

## Advanced Simulation & Structural Analysis

Designed with precision engineering.

Developed using the latest CAD software  
Structural validation through Finite Element Analysis (FEA)  
Optimized to eliminate potential stress concentration and fatigue points  
Ensures durability under extreme working conditions

## Reinforced Boom & Arm Construction

Strength without unnecessary weight.

Side plates bevelled prior to welding for maximum joint strength  
Manufactured using premium Weldox 700 steel or equivalent  
CNC precision cutting ensures dimensional accuracy  
Optimized structural design balancing strength and weight ratio

## Heavy-Duty GP Bucket Integration

Performance at the cutting edge.

Cutting edge manufactured using Hardox 400 plate

Low grease frequency bucket linkage system  
Properly calculated bucket capacity to ensure balanced operation

Designed to enhance digging efficiency while maintaining durability in abrasive environments.

## Robotic Welding Technology

Consistency. Quality. Structural Integrity.

High-tech robotic welding system

Ensures consistent weld penetration and uniform quality

Enhances durability and structural solidness

Meets strict quality conformance standards

Every weld is engineered for strength and longevity.

## Extend Your Capability with Ultratrex

Ultratrex Long Reach Arm delivers:

Greater excavation depth and reach

Superior structural durability

Reduced maintenance intervals

Optimized strength-to-weight ratio

Reliable performance in challenging environments

Upgrade your machine with Ultratrex Long Reach Arm and experience the next level of engineered performance. Contact us today to learn more about our Long Reach Arm solutions tailored to your operational needs.



## ULTRATREX CELEBRATES STRATEGIC BUSINESS COLLABORATION WITH ESTEEMED UNITED ARAB EMIRATES PARTNER

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Ultratrex is proud to announce the successful celebration of a strategic business collaboration with our valued customer from the United Arab Emirates (UAE). This milestone marks a significant step forward in strengthening our partnership and expanding our footprint within the Middle East region.

The collaboration reflects a shared vision between Ultratrex and our UAE partner to deliver advanced amphibious excavator solutions tailored to challenging marine, swamp, and soft-terrain environments. Through this partnership, both companies aim to enhance operational efficiency, environmental sustainability, and project performance across various infrastructure and oil & gas applications.

As a leading manufacturer of amphibious excavators, Ultratrex continues to innovate in engineering design, undercarriage technology, and modular pontoon systems to meet the demanding requirements of international markets. This strategic alliance allows us to combine our technical expertise with our partner's strong regional presence and industry experience in the UAE.



The celebration event symbolized not only a business agreement, but also mutual trust, long-term commitment, and shared growth objectives. It provided an opportunity for both teams to align on technical strategies, project execution standards, and future expansion plans within the GCC region.

Ultratrex remains committed to delivering reliable, high-performance equipment and comprehensive technical support to our global partners. We look forward to a successful and sustainable collaboration with our UAE partner, driving innovation and excellence in amphibious construction solutions.

## ULTRATREX PARTICIPATES IN MINING EXPO INDONESIA

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Ultratrex Machinery Sdn Bhd is proud to announce our recent participation in the Mining Expo Indonesia, one of the largest and most influential mining exhibitions in the region. The event gathered global industry leaders, equipment manufacturers, and professionals to showcase the latest innovations and technologies in the mining sector.

During the exhibition, Ultratrex showcased our Amphibious Excavator series, highlighting their superior performance in soft terrain, swampy areas, and shallow water operations ideal for mining and dredging applications. Our booth attracted strong interest from visitors, partners, and potential clients who were eager to learn more about Ultratrex's engineering capabilities and product reliability.

Participation in this prestigious event reflects Ultratrex's commitment to expanding our presence in the international market and strengthening relationships within the mining industry. We look forward to continuing to deliver innovative and efficient solutions to meet the evolving demands of mining operations worldwide.

