



EIK ENGINEERING SDN.BHD.

March / April / May 2025

COMPLETE THE MACHINE

# EIK'S FRONT ATTACHMENT SERIES

“Discover the powerful  
attachments redefining  
what EIK can do.”



# WELCOME

*Hello Readers,*

*Welcome to the March/April/May edition of the EIK Newsletter!*

*In this issue, we turn the spotlight to the backbone of every tough job: our heavy-duty front attachments. From rugged Buckets and high-impact Rippers to precision tools like the Orange Peel Grab, Clamshell Buckets, and Grapples, we're highlighting the attachments that keep your job site moving efficiently.*

*But EIK is about more than machinery. We're also proud to share some of our most meaningful moments, including the success of our EIK One ❤️ One Mind Charity Golf Tournament 2025 and the heartfelt Hari Raya Gift Distribution to our team. These initiatives reflect the spirit that drives us: connection, compassion, and community.*

*Thank you for staying connected with us. We hope this edition leaves you inspired by innovation, by generosity, and by the people who make it all possible.*

*Warm regards,  
EIK Marketing Team*

# TABLE OF CONTENT

## PRODUCT HIGHLIGHTS | 04

EIK 0.9m<sup>3</sup> Rock Bucket for CAT320: ■  
Built for the Toughest Tasks

5,000 Working Hours, still Digging Strong ■

Maximize Loading Efficiency with ■  
EIK's Heavy-Duty Mechanical Clamshell Bucket

Strength Meets Simplicity: ■  
EIK Heavy-Duty Grapple in Recycling Operations

Precision Power without the Complexity - ■  
Ripper for CAT320D

When Cranes Need a Tough Partner: ■  
Meet the EIK 3.0m<sup>3</sup> Mechanical Orange Peel Grab

## EVENTS AND ACTIVITIES | 08

EIK One ❤️ One Mind Charity Golf Tournament 2025 ■

Sharing Blessings: EIK Hari Raya Gift Distribution ■

## EIK Release & Availability Bulletin | 09

EIK Ready Stock 2025 ■





## EIK 0.9m<sup>3</sup> Rock Bucket for CAT320: Built for the Toughest Tasks

*EIK Rock Bucket for Caterpillar CAT320D*

In the quarrying and heavy construction industries, the durability and efficiency of a bucket can make or break a project's productivity. With the 20-ton class excavator—being one of the most widely used models worldwide, it's no surprise that the performance of its attachments plays a pivotal role in daily operations. That's where the EIK 0.9 m<sup>3</sup> Rock Bucket steps in.

Designed specifically for abrasive, high-impact applications, this rock bucket is not your standard OEM attachment. Deployed across various quarry sites throughout Asia, it's earned a strong reputation not just from its specifications, but through real-world performance in rugged conditions.

- **Engineered for Tough Terrain**

What sets the EIK rock bucket apart is its thoughtful engineering. It is crafted to seamlessly integrate with the CAT320's hydraulic performance, breakout force, and loading cycle timing, ensuring optimal synergy between machine and attachment. The result? More efficient digging with less wear and tear.

But beyond compatibility, this bucket is built to endure. Key wear zones are strengthened with extra-thick wear plates, side protectors, and reinforced heel protectors, allowing it to handle constant rock contact, repeated penetration into compacted material, and the loading of coarse aggregates—all while preserving its structural integrity and cutting-edge sharpness.

- **Optimized for Efficiency**

With a capacity of 0.9 m<sup>3</sup>, this bucket strikes the ideal balance between payload control and cycle speed. Operators benefit from

strong penetration power, cleaner cuts, reduced spillage, and shorter cycle times—ultimately boosting on-site productivity without compromising equipment longevity.

- **Consistent Performance, Less Downtime**

In quarrying, reliability equals value. The EIK Rock Bucket has been field-proven to reduce downtime, minimize operator complaints, and prevent frequent replacement, thanks to its wear-focused design. By offering longer intervals between repairs and consistent performance under pressure, it helps contractors maintain high productivity and avoid unnecessary costs.



At EIK, we don't just manufacture attachments—we solve operational challenges. Every bucket is built with the end-user in mind, engineered not just for fitment, but for the demands of the job site. If your quarrying operation needs a rock bucket that can take a beating and keep digging, the EIK 0.9 m<sup>3</sup> for CAT320 is your go-to tool.

## 5,000 Working Hours, still Digging Strong



EIK Heavy Duty Bucket for Komatsu PC210-10M0

When it comes to excavator attachments, longevity isn't just a bonus—it's a bottom-line advantage. For contractors and dealers operating in high-cycle environments, durability is what defines true value. That's exactly where the EIK Heavy-Duty Bucket for the Komatsu PC210-10M0 proves its worth.

One of our long-time customers has been running multiple units of this bucket model for years. According to recent field feedback, these buckets have clocked 4,000 to 5,000 working hours—and they're still going strong, with minimal signs of structural

fatigue. It's not just about how long they last; it's about how consistently they perform after thousands of hours of handling rock, soil, and abrasive materials. With a working capacity of 1.2 m<sup>3</sup>, the EIK Heavy-Duty Bucket is precision-engineered to match the performance of the Komatsu PC210-10M0. Designed for aggressive applications—from overburden removal to compacted soils and mixed-load materials—it delivers reliable productivity where it matters most.

Every feature, from the optimized tooth configuration to the consistent welding quality, is tailored to meet the demands of high-production earthworks and general construction.

At EIK, we focus on building attachments that last—because we know that minimizing downtime means maximizing job efficiency, reducing repair costs, and keeping your operations moving. If you're looking to supply or operate attachments that are built to go the distance, the EIK Heavy-Duty Bucket is your trusted partner in the field.

## Maximize Loading Efficiency with EIK's Heavy-Duty Mechanical Clamshell Bucket

In high-volume offshore operations, reliable equipment isn't optional—it's essential. Recently deployed in a marine project, the EIK 3.0 m<sup>3</sup> Mechanical Clamshell Bucket demonstrated why it's the preferred choice where uptime and simplicity matter.

With no hydraulic connections or pressure systems, this gravity-powered clamshell is ideal for crane-based applications in remote locations. It efficiently handled rock armor, core material, and bulk fill—minimizing crane cycles and keeping barge loading on schedule.

Reinforced shell plating, abrasion-resistant cutting edges, and heavy-duty pivots make this bucket tough enough for harsh marine environments and repeated impact.

EIK doesn't just build durable attachments—we back them with strong support. Each unit comes with a comprehensive parts catalog, enabling quick part identification and ordering. Our responsive aftersales team helps minimize downtime, even in remote locations.



EIK Mechanical Clamshell Bucket

Whether it's port construction, coastal defense, or offshore logistics, EIK mechanical clamshell buckets deliver the durability, simplicity, and capacity needed to get the job done—cycle after cycle.



## Strength Meets Simplicity: EIK Heavy-Duty Grapple in Recycling Operations



*EIK Heavy Duty Grapple for Doosan DX200*

When it comes to recycling and material sorting, speed, precision, and durability are essential. The EIK Heavy-Duty Grapple, seen here paired with a Doosan DX200, is built to thrive in high-cycle environments—whether you're handling scrap, construction debris, or general waste. This fixed-type hydraulic

grapple is designed to operate using the machine's existing bucket cylinder. This means no extra hydraulic lines or valves, simplifying installation and reducing maintenance risks.

### Key features include:

- Reinforced grapple arms and wear-resistant edges for long service life
- Wide jaw opening to increase grab volume and handling efficiency
- Minimal maintenance, thanks to a robust mechanical design

EIK's grapple provides responsive control, rugged strength, and efficient performance—helping operators move more material, more reliably. It's the kind of tool that keeps productivity high and downtime low.

Whether you're outfitting a fleet or supplying solutions for customers, the EIK Heavy-Duty Grapple offers an excellent balance of simplicity, power, and proven dependability.

## Precision Power without the Complexity - Ripper for CAT320D

At the request of one of our customers, we engineered the EIK Ripper specifically for the CAT320D—a tool designed to break through compacted soil, old pavement, and weathered rock with precision and ease.

Unlike hydraulic breakers, the ripper requires no additional breaker piping or hydraulic modifications, making it a plug-and-play solution for operators. This not only simplifies installation but also reduces cost and setup time.

### Key advantages of the EIK Ripper:

- No impact vibrations transferred to the boom or stick, helping extend the structural lifespan of the excavator.
- Minimal maintenance compared to hydraulic alternatives.
- Reinforced shank and hardened tooth focus force for maximum ground penetration.
- Faster cycle times for clearing and demolition prep tasks

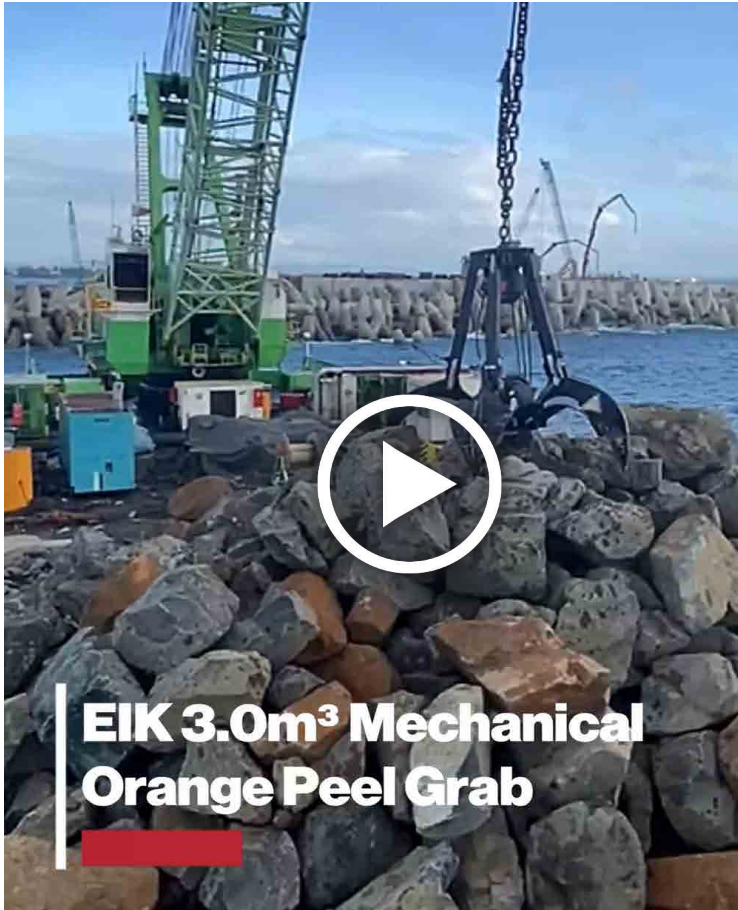


*EIK Ripper for Caterpillar CAT320D*

Whether you're trenching, site prepping, or working in tough conditions, the EIK Ripper is a cost-effective alternative to breakers, combining performance, protection, and productivity in one robust attachment.

# When Cranes Need a Tough Partner: Meet the EIK 3.0m<sup>3</sup> Mechanical Orange Peel Grab

When it comes to attachment solutions, EIK Engineering is best known for innovations like our Amphibious Undercarriages and Long-Reach systems. But that's just part of the story. We also deliver purpose-built tools for niche, heavy-duty applications—like our mechanical Orange Peel Grab (OPG).



Designed for heavy-duty material handling, this 5-tine, 3.0m<sup>3</sup> capacity grab has proven its value on breakwater construction projects across Africa.

What you may not know is that, unlike hydraulic grabs mounted on excavators, our OPG is mechanical—driven entirely by the crane's hoist—so it's perfect for customers who need a crane-operated solution rather than an excavator attachment.

- **Simplicity & Durability:**

Fewer moving parts and no hydraulic dependencies mean less downtime and lower maintenance, even in remote coastal or offshore locations.

- **Operational Continuity:**

Ideal where service access is limited—on-site teams can keep working with minimal support.

- **High-Density Handling:**

The 5-tine configuration and optimized tine spacing tackle quarried rock, demolition scrap, or oversized rubble with reduced carry-back and faster cycle times.

- **Field-Driven Design:**

Every detail, from penetration depth to structural reinforcement, comes from real-world feedback on marine, coastal reinforcement, and port expansion projects.



At EIK, we've built our reputation on specialized equipment for wetland and long-reach work—and we bring that same commitment to every attachment we make. Whether it's the show-stopping amphibious excavator undercarriage or the behind-the-scenes orange peel grab, you can count on durability, performance, and seamless integration into your fleet.



## EIK One ❤️ One Mind Charity Golf Tournament 2025



On April 24, 2025, the greens at Horizon Hills Golf & Country Club became more than just a field of play; they became a stage for unity, generosity, and shared purpose. The 6<sup>th</sup> EIK One ❤️ One Mind Charity Golf Tournament wasn't just another event; it was a powerful reminder of what we can achieve when we come together for a cause greater than ourselves. Despite unpredictable weather, the spirit of the day was unshaken. A total of 136 golfers, hailing from across borders and industries, came not only to play but to give, to show up and to make a difference.

What started as a round of golf quickly transformed into something much more impactful. Thanks to the incredible outpouring of support from our sponsors, partners, supporters, and EIK committee members,

this year's tournament was a resounding success, raising RM320,000, surpassing the original target of RM295,000 — funds that will go directly toward uplifting 16 charity homes, schools, and NGOs.

Every swing, every step, every ring of laughter on the course contributed to creating hope for communities in need. It's a reflection of EIK's deep-rooted belief in building a better future through corporate responsibility and collective kindness.



❤️ To our generous sponsors, your contributions fueled more than just an event. You've helped bring smiles, provide care, and open doors to opportunity. We are truly honored to have you stand with us.

This day may be behind us, but the ripple effect of your compassion continues forward. Together, we proved that with one heart and one mind, there's no limit to the good we can do. With one heart and one mind, we've shown there are no limits to the good we can do together.

## Sharing Blessings: EIK Hari Raya Gift Distribution

EIK Engineering embraced the spirit of the season with a gesture that speaks to the heart of our culture's appreciation, unity, and care. In celebration of this meaningful occasion, we were excited to organize a Hari Raya Gift Distribution for our staff. It wasn't just about the gifts it was about expressing our genuine gratitude to the people who make EIK what it is.



Each gift symbolizes our appreciation for the hard work, dedication, and resilience shown by every member of the EIK family. As we gathered to share these tokens of thanks, the atmosphere was filled with festive cheer and heartfelt connection

— a reminder that beyond our roles and responsibilities, we are a community.



❤️ To all EIK family — Thank you.

Your efforts, day in and day out, are the foundation of our progress. This small celebration is a reflection of the big impact each of you makes. As we continue to grow together, let us carry forward the values of respect, unity, and appreciation, not just during festive seasons, but every day.



# READY STOCK

## IN STOCK & READY TO SHIP

### ORDER YOUR EIK ATTACHMENTS NOW!



Maximize your machine's efficiency with our high-quality excavator attachments, now in stock and ready for immediate dispatch! No waiting, no delays—just reliable, durable, and high-performance attachments delivered to you fast.

Explore our range of products to find the perfect attachments for your excavator.

#### LIMITED STOCK AVAILABLE

##### AMPHIBIOUS SERIES



Model

AM350-3

##### FRONT REACH SERIES



Model

CAT3300/E/F

Length (FT / M)

60FT / 18.5M

##### FRONT REACH SERIES



Model

EC210DL

Length (FT / M)

59FT / 18.0M

##### BUCKET SERIES



Bucket Type

Narrow Bucket

Model

CAT320D2

Size (Inch)

20

Capacity (M3)

0.35

##### BUCKET SERIES



Bucket Type

Heavy Duty Bucket

Model

ZX280-5G

Size (Inch)

65

Capacity (M3)

1.60

##### MATERIAL HANDLING



Model

ZX470H

Length (FT / M)

46FT / 14.0M

##### OTHER ATTACHMENTS



Product Type

Counterweight

Model

PC210-10M0

Size

1.2 Ton

##### OTHER ATTACHMENTS



Product Type

Counterweight

Model

DX225LCA

Size

1.5 Ton

##### OTHER ATTACHMENTS



Product Type

Counterweight

Model

ZX350-7

Size

2 Ton

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You Use With Trust."**



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