

MINIMIZE EFFORT, MAXIMIZE REACH

# BIG BOOM ATTACHMENTS

**EIK**

EX1900

" Designed to effortlessly handle larger volumes of material with ease "

# WELCOME



Hello readers,

Welcome to the debut edition of the 2024 EIK Newsletter!

As we kick off the year with bustling activity, we are delighted to share the latest updates on our endeavors through this newsletter. Additionally, we are thrilled to revisit some of the monumental solutions we have delivered to our customers over the years. We invite you to delve into our journey and hope you find our stories engaging.

Thank you for being a part of our community.

Warm regards,  
*EIK Marketing Team*



# TABLE OF CONTENT

## PRODUCT HIGHLIGHTS | 04

Powerful Solutions for Maximum Reach ■

EIK 3-Piece Super Long Front ■

## EVENTS AND ACTIVITIES | 06

Celebrating the Year of the Dragon ■

A Night of Appreciation ■

Uniting, Revitalizing, and Moving Forward Together ■

Community Enrichment ■

EIk One ❤️ One Mind Charity Golf Tournament 2024 ■

# Powerful Solutions for Maximum REACH

At the heart of our corporate ethos lies an unwavering commitment to innovation and excellence. As pioneers in our field, we're often asked about the largest booms we've designed and built over the years, along with their diverse applications. Indeed, size matters – it sparks intrigue and ignites curiosity among industry enthusiasts.

At EIK, we take pride in our position as a premier manufacturer dedicated to pushing the boundaries of innovation. To meet the demands of producing such monumental structures, a substantial investment in state-of-the-art facilities and cutting-edge equipment is essential. It is our unwavering commitment to excellence and ongoing improvement that enables us to effectively scale up production for booms of this magnitude and tonnage.

In this issue of our newsletter, we're excited to shed light on some of the impressive large-scale booms we've engineered and manufactured - those that, while formidable in their capabilities, are perhaps less commonly seen in everyday applications.



Elevating productivity, safety, and operational capabilities in underwater environments, the EIK EX1200 Long Reach stands out as one of the many ultimate solutions for a myriad of dredging projects. Specifically designed to extend the reach of standard excavators by a minimum of 50%, it delivers a substantial increase in digging depth, thereby elevating overall efficiency and effectiveness in underwater operations.

Crafted using Weldox 700 and EH36 high-strength structural steel, the 27-meter long reach offers unparalleled performance and durability. Its robust construction ensures reliability in the most demanding environments. With an optimized reach spanning up to an impressive 25.43 meters from the machine center, operators can effortlessly navigate and access remote underwater areas with ease.

Enhanced by remarkable digging forces of 204.08kN on the bucket and 176.32kN on the stick, this state-of-the-art equipment ensures swift and precise excavation tasks, even in the most demanding conditions. This exceptional engineering renders it the preferred option for a variety of tasks including construction, demolition, river dredging, large-scale water body dredging, and deep excavation.

**" EIK is our 'go-to' brand, not least because they are super reliable, well-built, strong, safe, stable, and user and operator-friendly "**

says M. Johnson, Australia.



*EIK Long Reach for Hitachi EX1200*

Introducing the EIK 120-ton PC1250 Long Reach - your premier solution for high-capacity operations in demanding environments. Renowned for its exceptional blend of power and stability, our PC1250 Long Reach stands out as one of the most popular choices in its class.

Featuring an impressive reach capability of up to 25.43 meters from the machine center, the PC1250 Long Reach is engineered to tackle even the most challenging excavation tasks with ease. With digging forces of 200.80kN on the bucket and 176.20kN on the stick, it ensures efficient material removal and superior performance.

What sets the EIK PC1250 Long Reach apart is its enhanced lifting capacities, allowing for the swift and effective handling of larger material volumes within shorter timeframes. This translates into heightened productivity on the job site, enabling our customers to accomplish more in less time and with greater efficiency.



*EIK Long Reach for Komatsu PC1250*

# EIK 3-Piece Super Long Front

In contrast to the preceding pages, the inclusion of a 3-piece super long front introduces a heightened level of complexity, necessitating a significantly advanced degree of engineering expertise. This configuration surpasses traditional 2-piece booms in terms of both flexibility and versatility. Its advantages increase proportionally as the demands on the front-end reach increases.

Each 3-piece boom packages are meticulously tailored to match the specifications of its corresponding machine, ensuring optimal performance across a diverse range of applications. Notably, the front attachment of a 3-piece long front boasts superior manoeuvrability, granting access to areas that would otherwise be inaccessible to a rigid 2-piece boom due to its inherent limitations in flexibility.

In essence, the inherent limitations of a 2-piece long front result in notable "blind spots," necessitating frequent machine repositioning to navigate these areas, whereas a 3-piece boom configuration reduces the need for frequent manoeuvring of the machine, and therefore improves productivity and increases fuel economy by a substantial margin.

As the machine size increases, a 3-piece boom offers long-term economic value by overcoming challenges in terms of logistics, installation and site accessibility as compared to a bulky and cumbersome 2-piece boom. In addition, the long-term cost saving in both land and sea transportation far outweighs the upfront investment of a 3-piece boom.



### OEM Grade Cylinder

\* Our commitment to quality extends across our entire fleet - we uses OEM-grade cylinders across our entire range of long-reach equipment, guaranteeing superior quality and performance.



EIK 3-Piece Super Long Front for Hitachi EX1800



# Celebrating the Year of the Dragon

What an exhilarating month it has been as we joyously celebrated the Chinese New Year, welcoming the auspicious Year of the Dragon!

Each year in the Chinese zodiac brings with it a unique animal sign, and 2024 marks the Year of the Dragon, symbolizing strength, courage, and prosperity.

At EIK, we embraced the spirit of the Chinese New Year by hosting captivating Dragon and Lion Dance Performances, accompanied by the time-honoured tradition of ceremonially burning firecrackers and distributing red envelopes (angpau). These festivities were held across our two operational branches.

Beyond the festivities, our celebrations provided a wonderful opportunity for cross-departmental bonding, fostering unity and camaraderie among our diverse team members, regardless of their race, religion, or positions.



## A Night of Appreciation



As we enter the Year of the Dragon, we take the opportunity to host our first-ever Chinese New Year Appreciation Dinner in Kuala Lumpur and invited our customer who located around the heart of Kuala Lumpur region. The chance to gather with our sisters, brothers, and valued partners was a joyous occasion, facilitating the development of stronger bonds and fostering mutual growth. We extend our heartfelt appreciation to each of you who graced us with your presence. As we reflect on the CNY Appreciation Dinner, we cherish the memories created and the bonds strengthened. It is our hope that the connections made during this event will continue to thrive in the days and years ahead.

## Uniting, Revitalizing, and Moving Forward Together



Just before the Chinese New Year break, a heartwarming tradition unfolded as leaders from every department gathered for a festive luncheon with our esteemed Managing Director at our corporate Headquarters. It was a time of coming together and looking back on the past year – celebrating our wins and facing the challenges head-on, together.

During the joyful gathering, conversations were filled with stories of resilience and success. It was a reminder of the strength we find when we work as a team. Each shared experience brought us closer and gave us a fresh sense of purpose, motivating us to take on whatever comes our way with confidence.

As we embark on the journey of a new year, we carry with us the lessons learned and the victories achieved. We're excited for the adventures and opportunities that await us in the months ahead.





# COMMUNITY ENRICHMENT

There is nothing more beautiful than someone who goes out of their way to make life beautiful for others

At EIK, we firmly believe that corporate responsibility and profitability are not mutually exclusive; rather, they are complementary facets of sustainable business practices. Guided by the ethos of 'One Heart One Mind,' we empower our people across the organization to take an active role in driving positive change within our communities. By fostering a culture of compassion and empathy, we aim to create meaningful and enduring impacts that extend beyond the scope of our business operations.



Kg. Tenang, Ulu Tiram, Johor.

In partnership with reputable NGOs, our mission is to confront urgent societal issues

and enact meaningful change in the lives of individuals and families in need. Through collaborative efforts, we seek to identify and address the distinct needs of our local communities. An exemplary initiative involved our solidarity with flood victims, wherein we provided vital cleaning supplies. This act wasn't merely symbolic; it underscored our dedication to alleviating their hardships during challenging circumstances.

As we continue to navigate the complexities of the modern business environment, our dedication to corporate responsibility and principled guidance remains unwavering. We are driven by the belief that by harnessing our knowledge and resources, we can make a meaningful impact for the greater good. Together, let's continue to sow seeds of compassion and make a meaningful difference in the lives of others.



Johor Cheshire Home, Kg Ungku Mohsin, Johor Bahru.



Pertubuhan Kebajikan Shan De Charity Home, Johor Bahru.



Persatuan Kebajikan Benih Anggerik, Johor Bahru.



Damo Children Home, Kluang.

## EIK ONE ❤️ ONE MIND CHARITY GOLF TOURNAMENT 2024



132 golf enthusiasts from diverse nations came together in support of our EIK One ❤️ One Mind Charity Golf Tournament 2024, uniting their passion for the sport with a shared commitment to charitable giving.

Our team had an incredible time hosting our 5<sup>th</sup> EIK One ❤️ One Mind Charity Golf Tournament 2024 at Horizon Hills Golf & Country Club, marking another significant milestone in our ongoing Corporate Social Responsibility initiative. Despite facing challenging weather conditions, the event was imbued with the heartwarming spirit of camaraderie and goodwill, as 132 golfers from diverse nations came together to support our cause.



The EIK One ❤️ One Mind Charity Golf Tournament 2024 garnered even greater enthusiasm and support, surpassing last year's contributions. The event successfully raised RM290,000, benefiting 13 charity homes, schools, and NGOs.

We extend our sincerest gratitude to our sponsors, friends, supporters, partners, and dedicated EIK committee members whose unwavering support made this event possible. Together, we have demonstrated the power of collaboration and compassion in driving positive change, and we remain committed to illuminating a brighter future for all through our collective efforts.



The dinner commenced with a heartwarming performance by the talented children from Damo Children's Home, setting a delightful tone for the evening.

[www.eikengineering.com](http://www.eikengineering.com)

**“We Build With Pride,  
You Use With Trust.”**



Find out more.