

SAFETY AND STRENGTH IN EVERY DEMOLITION

HIGH REACH DEMOLITION

**" Long-Term
Durability,
Multi-Functional
Precision "**



WELCOME



Welcome back !

During the previous two editions, we highlighted some of the monumental solutions we have built and delivered to our valued customers over the years. In this issue, we shift our focus to the demolition function of the boom and stick, exploring the same series from a different perspective.

As in our previous editions, we are thrilled to present a lineup of captive events and activities from the past two months. Highlights include our collaborations with esteemed educational institutions and our annual tradition of distributing newspapers to local Chinese primary schools, underscoring our commitment to corporate social responsibility.

Cheers,
EIK Marketing Team



TABLE OF CONTENT

Celebrating 18 Years of Growing Together ■

PRODUCT HIGHLIGHTS | 06

Benchmark Safety and Strength in Demolition ■

Urban Demolition Made Safe ■

Redefining Demolition Practices
for a Sustainable Future ■

Productivity and Safety in Demolition Work ■

EVENTS AND ACTIVITIES | 10

Job Well Done! ■

Cultivating Curious Minds:
EIK's Annual Sin Chew Daily Handover Ceremony ■

Fostering Future Talent and Innovation ■



18 ANNIVE

For **18** years, EIK has risen to every challenge itself as a renowned leader in the precision excavator attachments for diverse



HITACHI

ERSARY

allenge, driving innovation and establishing
on design and fabrication of high-quality
earth-moving equipment models.

"The power to tear down the toughest structures, while prioritizing safety to ensure secure and efficient operations."

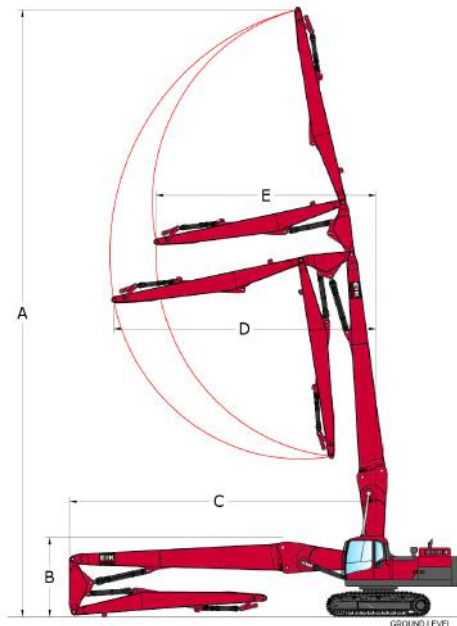
With a heightened emphasis on work environment safety and adherence to stricter regulations, the demolition boom is rapidly becoming the attachment of choice for demolishing old buildings. This advanced tool replaces the traditional and accident-prone practice of lifting standard crawler excavators onto buildings to perform highly dangerous tasks, where even a minor operator misstep could have catastrophic consequences.

The demolition boom revolutionizes the process of building demolition by significantly enhancing safety standards and extending the working radius and reach of the attachment. The ultra-high reach demolition boom is purpose-built to elevate demolition tools, making it ideal for dismantling multi-story buildings. Its ease of positioning and flexibility in maneuvering work tools ensure the safe execution of both primary and secondary demolition tasks.

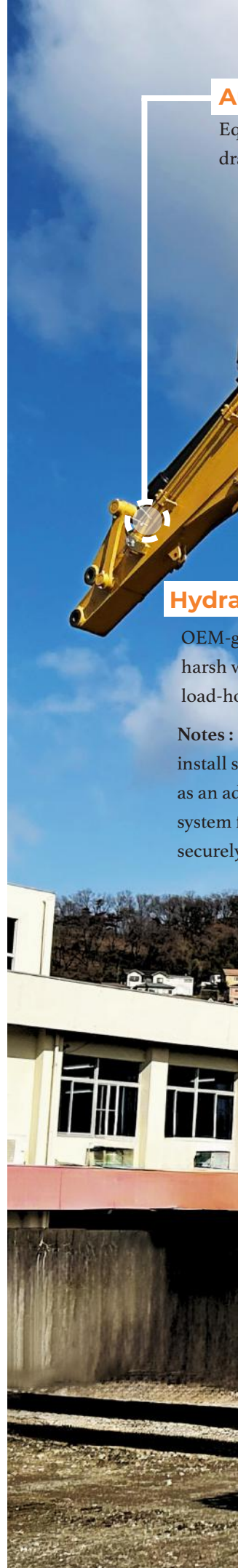
Demolition Boom Package

Each Demolition Boom package comes standard with the following items:

- 1 x main boom with mechanical modular joint with full set of hydraulic lines.
- 1 x 2nd section with full set of hydraulic lines, hoses and pins.
- 1 x 3rd section arm with full set of hydraulic lines.
- 5 x lines of auxiliary hydraulic lines for attachment.
- 2 x OEM grade cylinder.
- 2 x load hold safety valve.
- 1 x linkage set.



Excavator Operating Weight	A		B		C		D		E		Maximum Tool Weights	
	m	ft	m	ft	m	ft	m	ft	m	ft	ton	lb
20 - 22 ton	17.0	56'	2.5	8' 2"	8.6	28' 2"	7.5	24' 7"	6.3	20' 7"	1.2	2,640
27 - 32 ton	18.5	60'	2.8	9' 2"	9.8	32' 1"	8.1	26' 7"	6.9	22' 7"	1.5	3,300
33 - 38 ton	21.0	69'	3.0	9' 9"	10.8	35' 4"	9.2	30' 2"	7.8	25' 7"	2.0	4,400
46 - 55 ton	25.0	82'	3.3	10' 9"	13.2	43' 3"	11.1	36' 4"	9.3	30' 5"	2.0	4,400
60 - 68 ton	29.0	95'	3.5	11' 6"	15.5	50' 8"	12.8	42' 0"	11.5	37' 7"	2.0	4,400
70 - 78 ton	31.0	101'	3.9	12' 9"	16.7	54' 9"	13.8	45' 3"	11.9	39' 0"	2.0	4,400
80 - 95 ton	33.5	110'	4.0	13' 1"	18.5	60' 8"	15.5	51' 0"	14.0	45' 10"	2.0	4,400



Hydra

OEM-g
harsh v
load-ho
Notes :
install s
as an ac
system f
securely

Auxiliary Lines

Equipped with two sets of auxiliary lines featuring high-pressure ball valves and a main line, ensuring optimum performance and simplified maintenance procedures.

Proven Design

Boom and stick structures are meticulously engineered with high-tensile steel, ensuring exceptional durability and unwavering reliability.

Modular Joint

Designed for simplicity and effectiveness, our Modular Joint options provide customers a wide range of possibilities. The system allows users to seamlessly switch between EIK equipment, enabling the excavator to function in standard digging mode as well as in High Reach Demolition or Long Reach configurations.

Notes : Hydraulic “In-pin” is embedded within the boom structure, and well protected.



Hydraulic Cylinder with Safety Valve

Grade cylinders are designed to withstand working environments and are equipped with holding valves to enhance operational safety.

Customers are provided with the option to install safety check valves for hydraulic cylinders as an added safety feature. In the event of hydraulic failure, these safety valves will lock and hold the load in place.



EIK 14 Meter Demolition Boom for Caterpillar CAT325NGH



EIK 35 Meter Demolition Boom for Komatsu PC800

Successfully completed the installation and handover of the first Demolition Boom unit of 2024 for the ZX330LC-5G at the customer's factory earlier this year.

Urban Demolition Made Safe

The EIK 35 Meter Demolition Boom for the PC800LC, equipped with specialized hydraulic attachments, is engineered to efficiently reach tall structures, making it essential for demolition work in urban areas. The attachment ensures meticulous and controlled demolition, which is paramount in densely populated regions.

The extended reach of the demolition boom creates a significant safety buffer for crane operators, allowing professionals to execute tasks from a safe distance. This setup minimizes the risk of accidents, as other workers and equipment remain well outside the designated safety zone, avoiding falling debris and other hazards.

The precision of the demolition boom enables contractors to target specific sections of a building, facilitating partial demolitions or selective floor clearances for renovations or fit-outs. This capability is especially beneficial in confined urban spaces, such as downtown areas, where precision and control are paramount. The equipment's ability to be intricately positioned ensures that only the intended structure is dismantled, without affecting the surrounding structure.



EIK 21 Meter Demolition Boom for Hitachi ZX330LC-5G

Redefining Demolition Practices for a Sustainable Future

While conventional equipment might complete tasks more quickly, the High Reach Demolition Equipment excels in both safety and environmental sustainability. Many buildings contain valuable scrap metals that can be upcycled into new materials. However, using explosives to demolish structures often makes it challenging to extract these metals. The demolition boom, on the other hand, excels at meticulously pulling out and extracting recyclable metals from developments. For recycling to be effective, waste must be sorted into different types. Much of this sorting occurs during the stripping-out phase of demolition, before the structure is dismantled. The precision of the demolition boom ensures that materials are carefully separated, thereby enhancing the efficiency of recycling efforts and significantly reducing environmental impact.



EIK 26 Meter Demolition Boom for Komatsu PC400

EIK 25 Meter Demolition Boom for Komatsu PC490

Productivity and Safety in Demolition Work

In today's demolition industry, where safety and precision are paramount, cranes and wrecking balls have become outdated. The 21 Meter Demolition Boom for the PC350-8MO represents a modern solution, offering exceptional advantages as the premier attachment for demolition projects of all sizes. Designed specifically to enhance the efficiency and effectiveness of dismantling building structures, this demolition boom is equipped to handle a variety of tasks with ease.

The 21 Meter Demolition Boom's versatile design accommodates a range of attachments, including shears, crushers, and grapples, making it ideal for diverse demolition applications. By enabling work from a safer distance, the 21 Meter Demolition Boom significantly enhances operator safety, minimizing the risk of injuries and accidents. Its efficient operation reduces downtime and accelerates project completion, translating into cost savings and reduced disruption to surrounding areas.



EIK 21 Meter Demolition Boom for Komatsu PC350

Job Well Done!

Over the past two months, we have successfully completed numerous installations of amphibious undercarriage and long reach attachments across various brands, makes, and models. We deeply value our customers' continued support and look forward to achieving more milestones together.



Cultivating Curious Minds:

EIK's Annual Sin Chew Daily Handover Ceremony

As part of EIK's ongoing CSR Corporate Social Responsibility (CSR) initiative, we are proud to continue our annual tradition of distributing newspapers to local Chinese primary schools. This effort underscores our commitment to supporting education and strengthening the fabric of our local community.



The initiative promotes the value of traditional media, encouraging students to appreciate the critical role of journalism in society. In an age dominated by electronic platforms, this program provides a balanced media consumption experience, fostering a deeper understanding of the world around them. By offering access to newspapers, we aim to inspire a lifelong passion for knowledge and discovery among young minds. This endeavor is not only about delivering news but also about nurturing informed, thoughtful, and engaged future citizens.

Fostering Future Talent and Innovation



At EIK, our commitment to corporate social responsibility is deeply connected with our collaborations with industry-recognized educational institutions. These partnerships are pivotal in cultivating skilled talent for the future workforce and in developing innovative solutions that enable Malaysians to realize their full potential.

In May 2024, we had the pleasure of hosting professors, doctors, and engineering researchers from Universiti Teknologi Malaysia (UTM) at our Iskandar Puteri Corporate Headquarters. This gathering fostered insightful discussions and the exchange of ideas on the transformative advancements in the manufacturing industry. By leveraging the collective expertise and creativity of academic and industry leaders, we strive to not only stay at the forefront of technological progress but also to contribute significantly to Malaysia's economic and social development.



EIK Engineering Sdn. Bhd.

18

ANNIVERSARY

Celebrating 18 years of growing together.
Thank you for being a part of our journey! ❤️

www.eikengineering.com

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



Find out more.