



# BUCKETS

## EXCAVATOR ATTACHMENTS





# EIK EXCAVATOR BUCKETS

EIK buckets are meticulously engineered to ensure optimal equilibrium with your machinery, enabling operators to efficiently manage substantial loads while preserving both fuel efficiency and the overall health of the machine.



## Bucket for All

The EIK bucket series is the result of 16 years of continuous refinement, incorporating valuable insights from global markets and customer feedback.

Our extensive selection includes standard and specialized excavator buckets, catering to various needs such as digging, excavating, loading, and finishing. The series encompasses diverse bucket types, including Heavy Duty and Rock Buckets.





## EFFICIENCY

### PRECISION-OPTIMIZED ENGINEERING

EIK Bucket is engineered for precision optimization, boosting productivity while minimizing downtime to an absolute minimum. Through meticulous design and integration of leading-edge technologies, it emerges as the reliable choice for optimizing and streamlining excavation operations, ensuring unwavering reliability and heightened performance.

## DURABILITY

### ENHANCED ENDURANCE STRUCTURE

EIK Bucket features an Enhanced Endurance Structure fortified by reinforced EIK wear parts, ensuring extended wear life and exceptional resilience. Crafted to endure the most demanding conditions, it guarantees prolonged longevity, minimizing downtime and maximizing operational efficiency.

## VERSATILITY

### ADAPTIVE PERFORMANCE DESIGN

EIK Bucket is ingeniously engineered for adaptive performance, surpassing expectations across a broad spectrum of tasks. Its design seamlessly adapts to diverse excavation scenarios, excelling in precision digging and facilitating efficient loading operations, showcasing remarkable adaptability and superior performance.



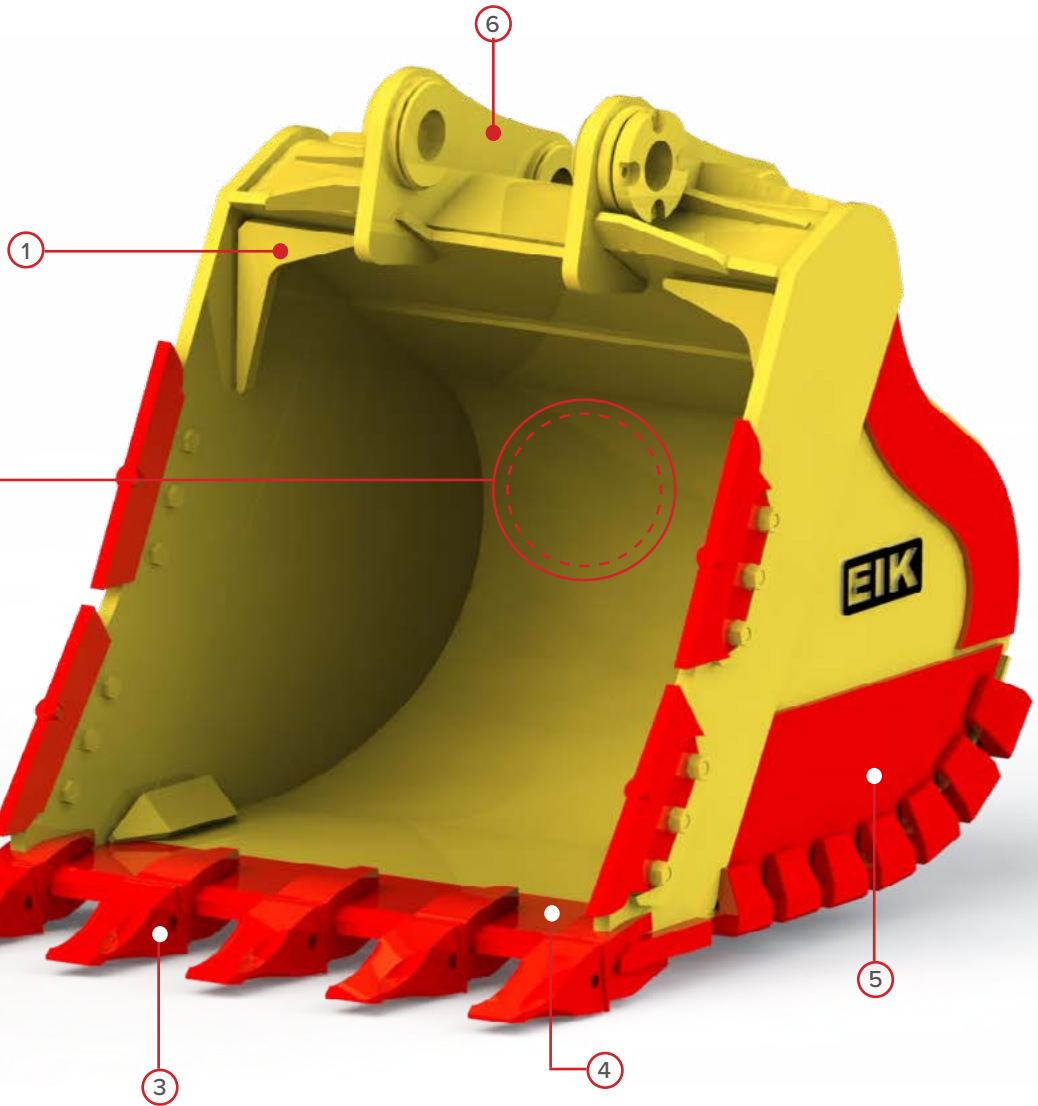
Our commitment to excellence is evident through the precision and consistency achieved by employing robotic welding, ensuring superior structural integrity and unwavering quality in every aspect of our product.

# EIK EXCAVATOR BUCKET

## TOUR

### 1. Reinforcement Plate

Reinforced plate offers exceptional strength and robust resistance against twisting forces, ensuring superior durability and stability even under intense pressure or torsional stress.



### 2. Deep Profile

Deep-profile design featuring both single and double radii, meticulously crafted to ensure superior capacity performance.

### 3. Pin-on Teeth System

Versatile universal lateral side pin-on type teeth system, offering exceptional adaptability and ease of use across various applications.

### 4. Cutting Edge

Beveled edge design, crafted from exceptionally abrasion-resistant materials, optimizes penetration for enhanced efficiency, leading to prolonged operational uptime and decreased hourly expenses across diverse working conditions.

### 5. Side Wear Plate

Side wear plates are made of high-strength steel, providing exceptional protection and reinforcing durability for prolonged use in demanding conditions.

### 6. Hinge

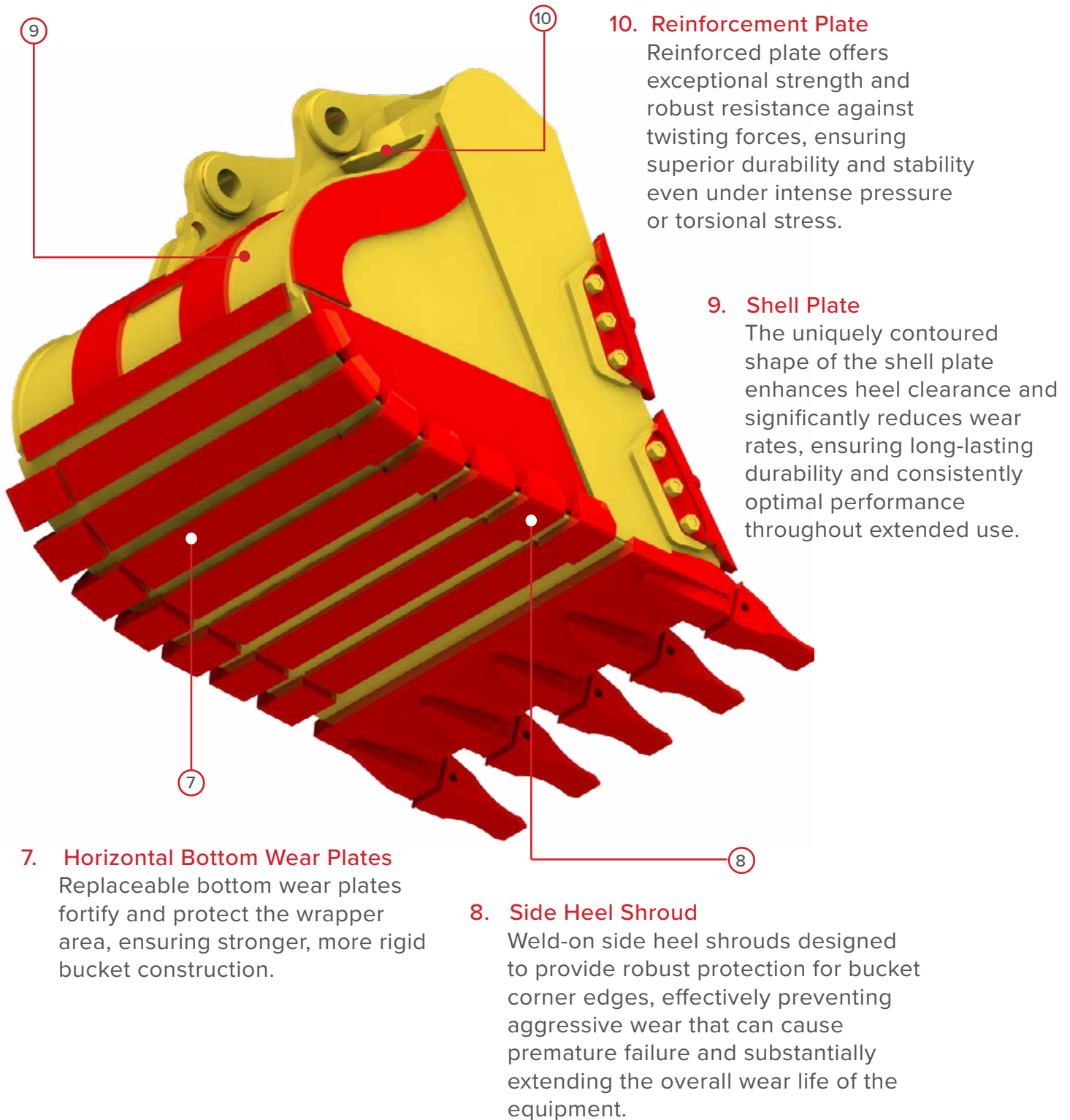
Pin-on hinge designed to elevate load distribution, ensuring unparalleled durability for peak performance.

*Note: Reference figure provided is for illustrative purposes only and may vary based on the specific bucket type and machine tonnage.*



# EIK EXCAVATOR BUCKET

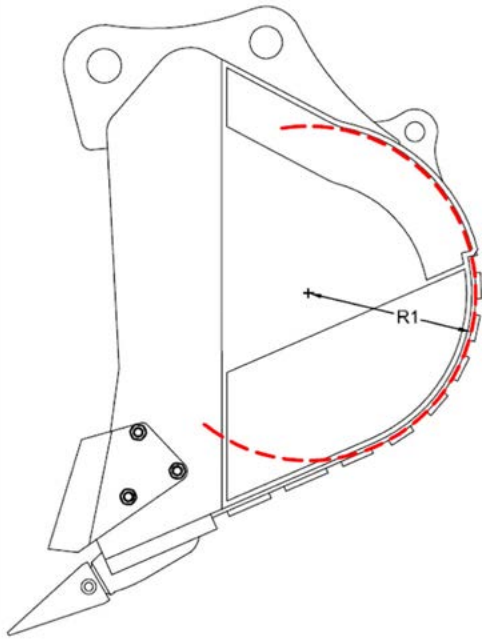
## TOUR



*Note: Reference figure provided is for illustrative purposes only and may vary based on the specific bucket type and machine tonnage.*

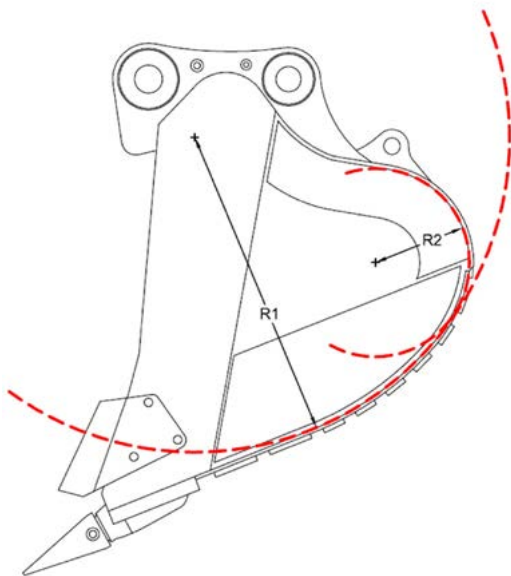
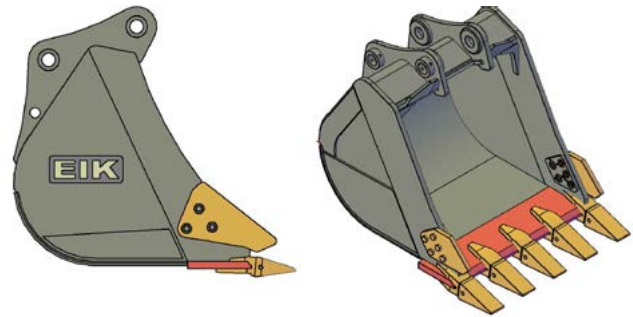
# EIK EXCAVATOR BUCKET

## PROFILE OPTIONS



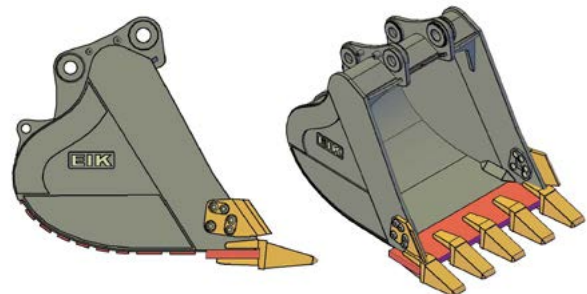
### Single Radius

- Lighter weight compared to the double radius, facilitating easier handling and maneuverability.
- Streamlined and optimized design for enhanced digging efficiency and precision.
- Designed for easy maintenance, ensuring convenient upkeep for optimal performance.



### Double Radius

- Offers a substantially deeper depth compared to standard buckets for more extensive digging capabilities.
- Enhanced design to reduce surface friction, optimizing earth movement during excavation.
- Promotes efficient digging and facilitates easier loading and unloading of materials.
- Increases loading capacity for handling larger volumes of materials.
- Boosts digging force for greater power and effectiveness.



# EIK EXCAVATOR BUCKET

## ACCESSORIES

### Bucket Side Cutter

**Bucket Side Cutter**, designed to be mounted on the sides of an excavator bucket to elevate the cutting and digging capabilities, primarily serves to optimize the efficiency of the bucket when encountering various materials such as soil, rock, and debris.

				
EWT E20121 (L) / E20122 (R) 6 - 8 ton	EWT 2015428 (L) / 2015429 (R) 12 - 14 ton	EWT 964747 (L) / 964748 (R) 22 - 24 ton	EWT 7Y0357 (L) / 7Y0358 (R) 30 - 38 ton	EWT 8J9825 (L) / 8J9826 (R) 40 - 53 ton

The strategic installation of bucket side cutters extends the cutting edges of the excavator bucket, introducing supplementary contact points essential for proficient excavation and material penetration. This extension significantly enhances the bucket's cutting performance, diminishing the impact of wear on the primary cutting edge. By doing so, it not only augments the tool's longevity but also amplifies the overall productivity of the excavator.

### Bucket Side Protector

**Bucket Side Protector**, designed for installation on the sides of an excavator bucket, offers additional protection to the bucket's side walls. Designed to combat wear, impacts, and abrasions encountered in demanding construction and excavation environment, the Bucket Side Protector acts as a fortified shield, adeptly deflecting the harsh blows from rocks, debris, and the rigors of challenging worksites. By serving as a resilient barrier, it substantially enhances the bucket's durability, ensuring prolonged longevity, and notably reduces maintenance and repair expenses.

	
BSH-B500 (R) / BSH-B501 (L) 20 - 38 ton	ND4006 40 - 80 ton

*\*Note : Indicate 'L' to represent components on the left side and 'R' to signify components on the right side.*

# EIK EXCAVATOR BUCKET

## ACCESSORIES

### Bucket Adapter, Bucket Tip and Rock Chesil Teeth & Pin and Retainer

**Bucket Adapter**, serving as the crucial linkage welded or bolted onto the bucket's cutting edge, provides a secure anchoring point for bucket teeth. Acting as a pivotal interface, the Bucket Adapter facilitates the effortless replacement of worn or damaged teeth without necessitating the entire bucket replacement.

**Bucket Tip**, commonly referred to as bucket teeth, constitutes the cutting elements affixed to the frontal edge of the excavator bucket. These components directly engage with excavated materials like soil, rocks, gravel, or debris, engineered to efficiently penetrate and break up materials for seamless excavation and loading operations.

The **Pin and Retainer System** plays a vital role in fastening bucket teeth to the adapter. The Pin traverses the aperture in both the adapter and the tooth, while the Retainer firmly secures the pin in place. The system ensures easy removal and replacement of teeth, facilitating swift maintenance and operational flexibility.

	Bucket Adapter	Bucket Tip	Pin & Retainer
06 - 08 Ton			
	EWT 6Y3224	EWT 6Y3222	EWT PNR (6Y3228 & 8E6259)
06 - 08 Ton			
	EWT 6Y3254	EWT 1U3252	EWT PNR (8E6258 & 8E6259)
10 - 17 Ton			
	EWT 3G6304	EWT 1U3302	EWT PNR (9J2308 & 8E6259)



# EIK EXCAVATOR BUCKET ACCESSORIES

## Bucket Adapter, Bucket Tip and Rock Chisel Teeth & Pin and Retainer

	Bucket Adapter	Bucket Tip	Rock Chisel Teeth	Pin & Retainer
18 - 28 Ton				
	EWT 3G8354	EWT 1U3352	EWT 1U3352RC	EWT PNR (8E6358 & 8E6359)
25 - 28 Ton				
	EWT 6I6404	EWT 7T3402	EWT 7T3402RC	EWT PNR (7T3408 & 7T3409)
29 - 31 Ton				
	EWT 8E6464	EWT 9N4452	EWT 1U3452RC	EWT PNR (8E0468 & 8E0469)
40 - 53 Ton				
	EWT 6I6554	EWT 9W8552	EWT 9W8552RC	EWT PNR (6Y8558 & 8E5559)
60 - 68 Ton				
	EWT 6I6604	EWT 6I6602	EWT 6I6602RC	EWT PNR (6I6608 & 6I6609)

# HEAVY DUTY BUCKET

Heavy Duty Bucket, also known as the HD class bucket, stands as the most commonly used bucket in the construction equipment market. Primarily designed for heavy construction, it is also employed in low-density mining and quarry applications.

## JOB APPLICATIONS



Digging

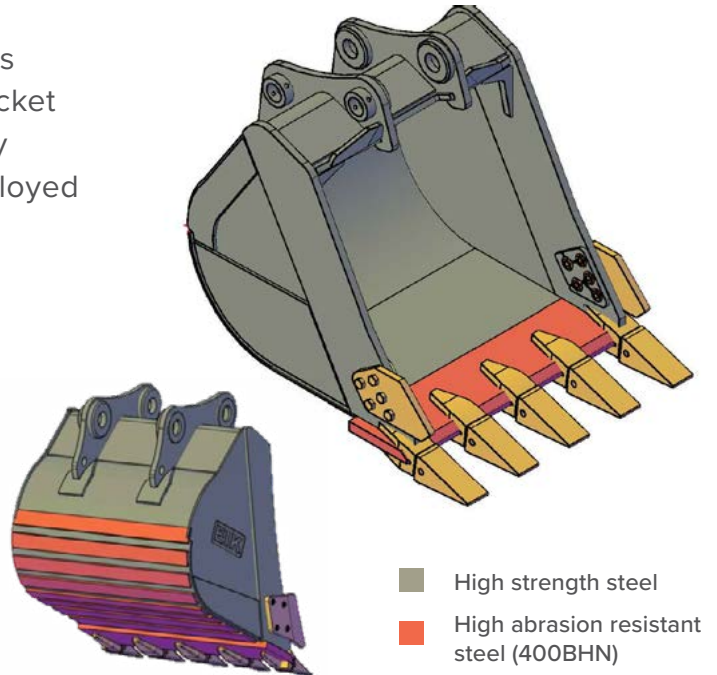


General Construction



Aggregate Construction

*Recommended applications : heavy construction, road works, ground clearing, trenching and loading.*



- High strength steel
- High abrasion resistant steel (400BHN)

## FEATURES & BENEFITS

### HEAVY DUTY BUCKET

Excavator models ranging from 3 to 220 tons are available, offering the following features:

- Beam and Lug Plate for enhanced structural strength.
- Overlapping plate for protecting the Cutting Edge Plate and increasing overall strength.
- Flat bottom shape for versatile use, such as damping and leveling.
- Optimized single-radius profile for general construction purposes.
- High-grade material composition for improved durability.
  - The Cutting Edge is made from HB400 grade material.
  - Horizontal Bottom Wear Plates safeguard the bottom section while enabling easy replacement.



# ROCK BUCKET

The Rock Bucket, also known as the RC bucket, is meticulously crafted for demanding mining and quarry applications with high-density requirements. Fabricated from materials known for their exceptional strength and resistance to abrasion, this bucket stands out in the most challenging operational environments.

## JOB APPLICATIONS



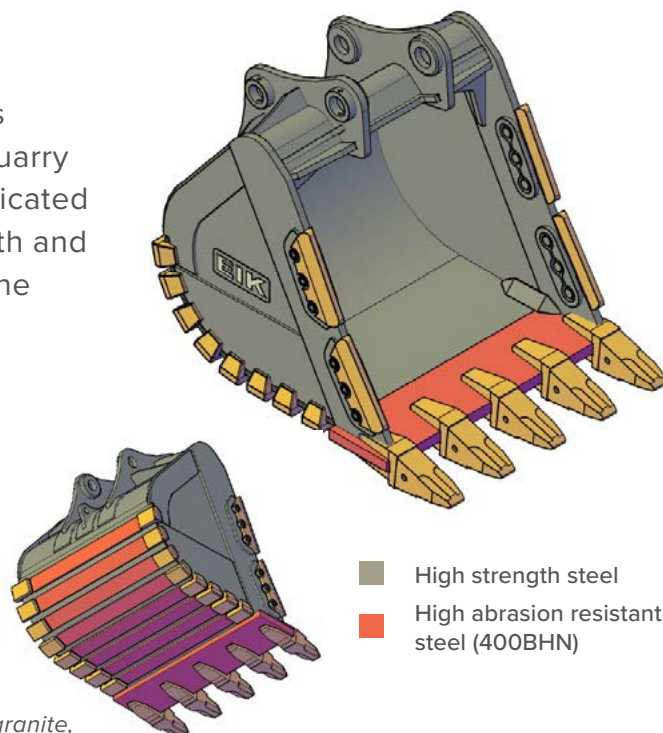
Digging



General  
Construction



Quarry & Mining



*Recommended applications : gravel, ripped basalt, caliche, shot granite, high silica sand, sharp rock and other dense materials.*

# FEATURES & BENEFITS

## ROCK BUCKET

Excavator models ranging from 3 to 220 tons are available, offering the following features:

- Beam and Lug Plate for enhanced structural strength.
- Overlapping plate to protect the Cutting Edge Plate and increase overall strength.
- Optimized double-radius profile for improved penetration and heel clearance, featuring a deep profile for high capacity.
- Low tip radius for superior digging performance.
- High-grade material composition for improved durability.
  - The Cutting Edge is made from HB400 grade material.
  - Horizontal Bottom Wear Plates safeguard the bottom section while enabling easy replacement.
- Additional features for increased strength;
  - Bolt-on Side Protector for protection and material management.
  - Side Heel Shroud to enhance durability and protect against wear.
  - Wear Plates for the bottom and sides for extra resilience.

# EIK EXCAVATOR BUCKET

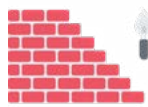
## WIDE DIGGING BUCKET

Wide Digging Bucket, crafted for strength and versatility. From sticky mud to abrasive materials, it excels in loading, water tabling, grading, ditching, and clean-up, ensuring exceptional performance in every application.

### JOB APPLICATIONS



Digging



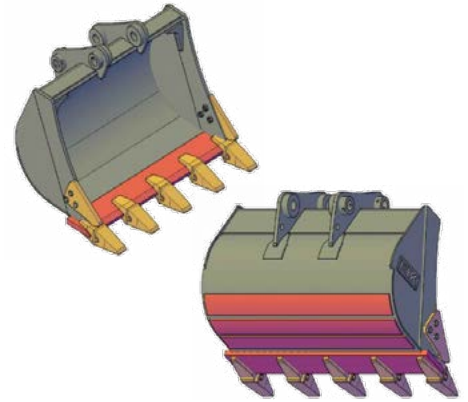
General Construction



Recycle



Crushing



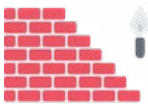
## NARROW BUCKET

Narrow bucket, an optimal choice for precision excavation and trenching, especially in projects requiring pipe or wiring installations. Crafted from high-quality steel, this bucket is purpose-built to efficiently dig deep trenches, excelling even in challenging conditions with rocks and branches.

### JOB APPLICATIONS



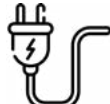
Digging



General Construction



Recycle



Cabling



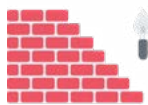
## TILTING BUCKET

Tilting Bucket, meticulously engineered for operators to cut and shape banks at precise angles. With its robust design, this bucket ensures efficient ground cutting, minimizing resistance and drag for precise and effective operations.

### JOB APPLICATIONS



Digging



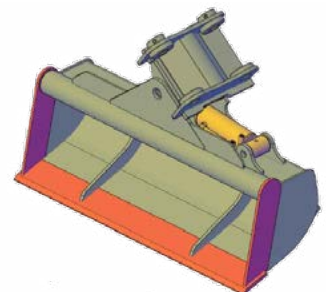
General Construction



Road Construction



Crushing





# EIK EXCAVATOR BUCKET

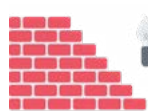
## SKELETON BUCKET

Skeleton Bucket, a powerhouse for mining, rock sorting, and debris removal. Engineered for simultaneous digging and sorting, its grille components are individually welded to a reinforcing plate, guaranteeing a solid and stable structure for seamless operations

### JOB APPLICATIONS



Digging



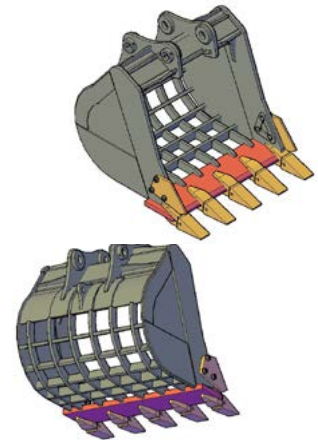
General Construction



Recycle



Crushing



## RIPPER BUCKET

Ripper Bucket, crafted for excellence in tasks such as ripping, quarrying, and rock hammering. Engineered with outstanding abrasive-resistant features, including extra-thick AR400 wear plates on the bottom, this bucket significantly enhances wear life for unmatched durability

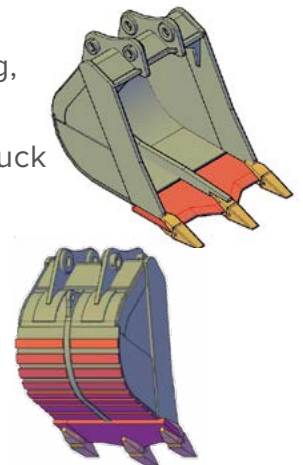
### JOB APPLICATIONS



Digging



Mining & Quarry



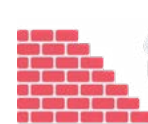
## WIDE DITCHING BUCKET

Wide Ditching Bucket, ideal for cleaning ditches, sloping, grading, and finishing work, this bucket is designed for enhanced productivity. The wide and shallow design ensures swift removal of ditch sediment, making it the perfect choice for efficient ditch maintenance.

### JOB APPLICATIONS



Digging



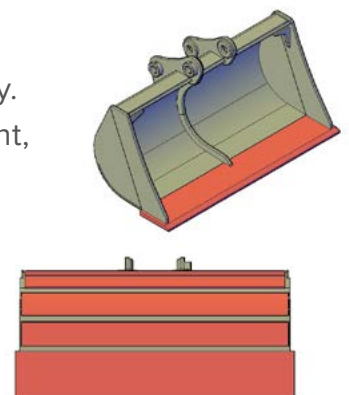
General Construction



Road Construction



Crushing



# EIK EXCAVATOR BUCKET

## APPLICATION GUIDE

Name	Abrasion	Impact	Breakout Force	Working Conditions/ Materials
Ditch Cleaning Bucket (Ditching)	Very low	Low	Low	Designed for the precise handling of dirt, loam, sand, clay, and soils with limited rock mixture.
Wide Ditching Bucket (WD)	Very low	Low	Low to Medium	Designed to handle dirt, loam, sand, and clay with minimal rocks, making it ideal for trenching and general construction work.
Heavy Duty Bucket (HD)	Medium	Medium	High	Designed for durability in the face of shock loads, our product is tailored for easy breakable materials like abrasive soils, loose rock, and gravel.
Severe Heavy Duty Bucket (RC)	High	Dynamic High Shock	Maximum with full force on one tooth possible	Designed for dynamic high shock loads in challenging scenarios where materials resist breaking, our product excels in handling shot rock, stratified materials, quarry operations, and tough, highly abrasive applications.
Narrow Bucket (NN)	Low	Mostly Low	Medium, occasionally high	Designed for efficiently digging canals, our product is adjustable in size and features to accommodate canal widths, typically under 700mm. It is commonly employed for various tasks, including digging foundations and trenches, providing versatility and precision in construction applications.



# EIK EXCAVATOR BUCKET

## APPLICATION GUIDE

Name	Abrasion	Impact	Breakout Force	Working Conditions/ Materials
Skeleton Bucket (ST)	Medium	Medium	High	Designed for sorting and separating materials in a crushing/recycling operation, our skeleton bucket is a specialized tool for efficient material management. It excels in the separation of materials with different sizes, enhancing the precision and effectiveness of your recycling processes.
Tilting Bucket (TL)	Very Low	Low	Low to Medium	Designed for precision, our tilting buckets rotate up to 90 degrees, providing exceptional control in tasks such as ditch cleaning and grading. Perfect for tight spaces and road work, tilting buckets enhance efficiency and maneuverability, ensuring precise results without the need for machine repositioning.
Log Bucket (LG)	Very Low	Low	Low to Medium	Designed to seamlessly integrate with a standard bucket in a variety of applications, including landscaping, clearing, demolition, recycling, waste management, utility work, and general contracting. Specifically crafted to streamline the pick-and-place movement of large and awkward objects such as boulders, stumps, pipes, logs, concrete slabs, and other debris.
Ripper Bucket (RB)	High	Dynamic High Shock	Maximum with full force on one tooth possible	Designed for tackling tough jobs with ease, Ripper buckets excel at ripping and removing material in one efficient motion, significantly boosting overall efficiency. These buckets are ideal for handling challenging materials such as frozen ground, sandstone, limestone, caliche, shale, coral, and more.

# EIK EXCAVATOR BUCKET

## SPECIFICATIONS

### STANDARD SPECS FOR SINGLE RADIUS

Machine Tonnage	EIK Bucket Size			Estimate Bucket Weight	
	Inch	m <sup>3</sup>	Yard <sup>3</sup>	kg	lbs
3 - 5 ton	22"	0.11	0.14	100	220
6 - 8 ton	27"	0.26	0.34	226	498
	29"	0.28	0.37	235	518
	32"	0.32	0.42	245	540
9 ton	33"	0.35	0.46	393	866
10 - 14 ton	33"	0.45	0.59	400	882
	36"	0.50	0.65	431	950
	39"	0.55	0.72	466	1,027
	42"	0.60	0.78	538	1,186
15 - 18 ton	36"	0.60	0.78	646	1,424
	39"	0.65	0.85	657	1,448
	42"	0.75	0.98	668	1,517
	48"	0.85	1.11	690	1,521
20 - 22 ton	39"	0.70	0.92	480	1,058
	42"	0.80	1.05	662	1,459
	45"	0.90	1.18	772	1,702
	48"	1.00	1.31	808	1,781
	54"	1.10	1.44	845	1,863
	57"	1.20	1.57	881	1,942
23 - 26 ton	45"	1.10	1.44	980	2,161
	50"	1.20	1.57	1,020	2,249
	54"	1.30	1.70	1,070	2,359
	59"	1.50	1.96	1,150	2,535
	63"	1.60	2.09	1,190	2,624
27 - 32 ton	30"	0.80	1.05	896	1,975
	45"	1.40	1.83	1,482	3,267
	48"	1.50	1.96	1,560	3,439
	53"	1.70	2.22	1,650	3,638
	58"	1.80	2.35	1,960	4,321
	64"	2.00	2.62	2,085	4,599
33 - 38 ton	30"	0.90	1.18	1,625	3,583
	45"	1.50	1.18	1,720	3,792
	48"	1.60	1.96	1,815	4,001
	54"	1.80	2.35	1,910	4,211
	58"	2.00	2.62	2,005	4,420
	64"	2.30	3.01	2,100	4,630



# EIK EXCAVATOR BUCKET

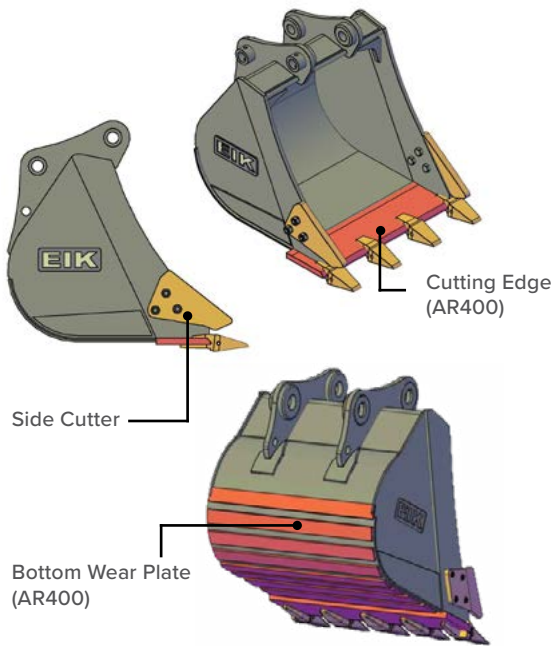
## SPECIFICATIONS

### STANDARD SPECS FOR SINGLE RADIUS

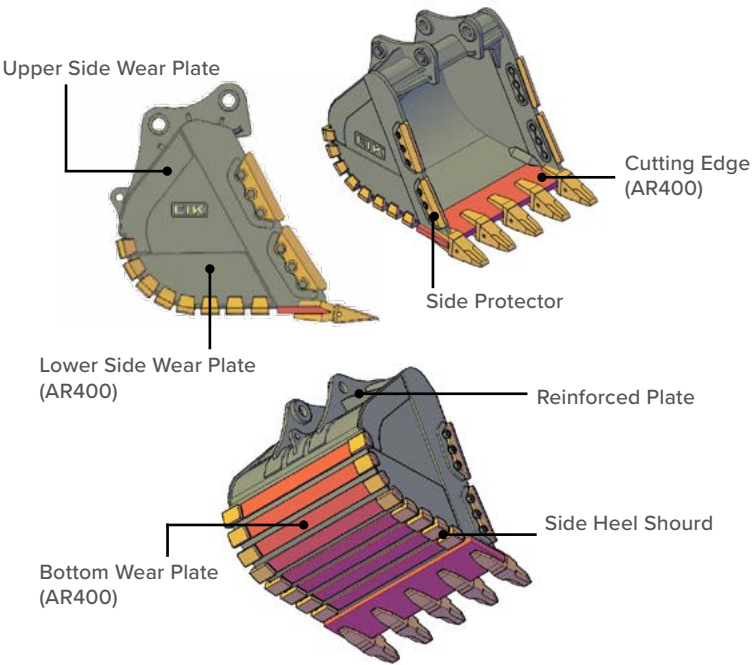
Machine Tonnage	EIK Bucket Size			Estimate Bucket Weight	
	Inch	m <sup>3</sup>	Yard <sup>3</sup>	kg	lbs
40 - 45	46"	1.60	2.09	2,033	4,482
	50"	1.80	2.35	2,080	4,586
	55"	2.00	2.62	2,153	4,747
	58"	2.10	2.75	2393	5,276
40 - 45	57"	2.20	2.88	2,778	6,124
	62"	2.50	3.27	2,976	6,561
	66"	2.70	3.53	3,174	6,997
	71"	2.90	3.79	3,174	6,997
46 - 53	46"	1.60	2.06	2,033	4,482
	50"	1.80	2.35	2,080	4,586
	55"	2.00	2.62	2,153	4,747
	58"	2.10	2.75	2,393	5,276
46 - 53	57"	2.20	2.88	2,778	6,124
	62"	2.50	3.27	2,976	6,561
	66"	2.70	3.53	3,174	6,997
	71"	2.90	3.79	3,174	6,997
60 - 68	52"	2.50	3.27	2,471	5,448
	62"	3.00	3.92	2,965	6,537
	73"	3.50	4.58	3,460	7,628
	83"	4.00	5.23	3,954	8,717
70 - 78	57"	3.00	3.92	2,912	6,420
	66"	3.50	4.58	3,398	7,491
	76"	4.00	5.23	3,884	8,563
	86"	4.50	5.89	4,370	9,634
	96"	5.00	6.54	4,855	10,703
80 - 95	66"	4.00	5.23	4,510	9,943
	76"	4.50	5.89	5,190	11,442
	84"	5.00	6.54	5,740	12,655
	92"	5.50	7.19	6,280	13,845
100 - 125	87"	6.00	7.85	6,824	15,044
	94"	6.50	8.50	7,380	16,270
	97"	6.70	8.76	7,620	16,799
200 - 220	123"	12.00	15.70	13,000	28,660

# EIK EXCAVATOR BUCKET

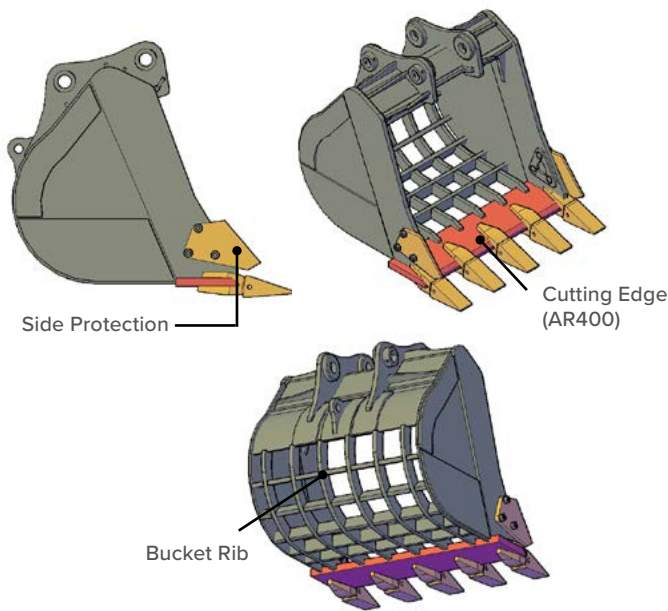
## Heavy Duty Bucket



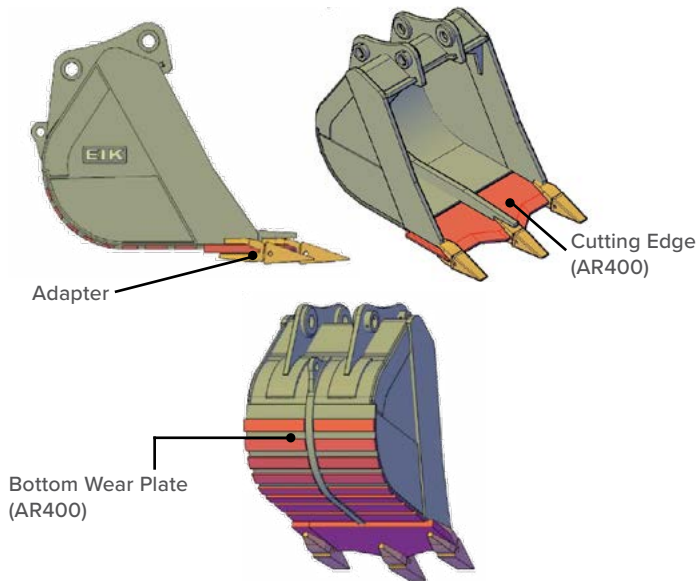
## Rock Bucket



## Skeleton Bucket

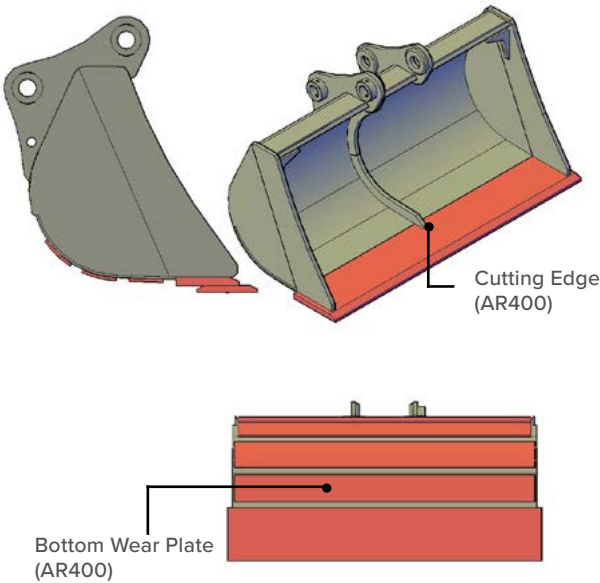


## Ripper Bucket

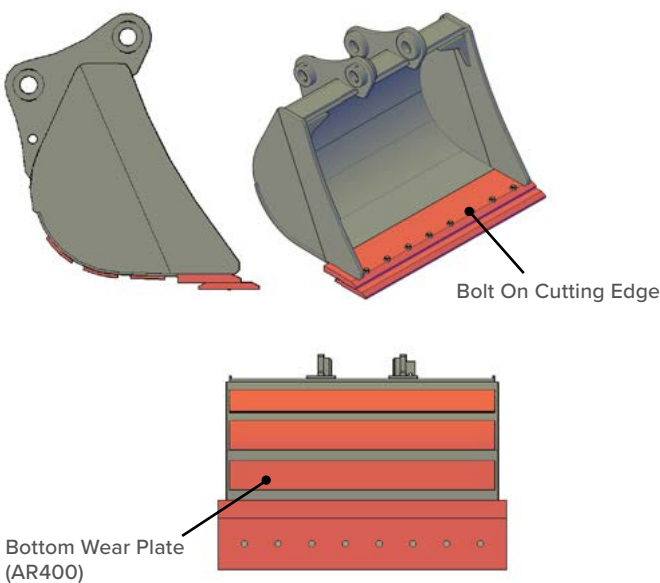


# EIK EXCAVATOR BUCKET

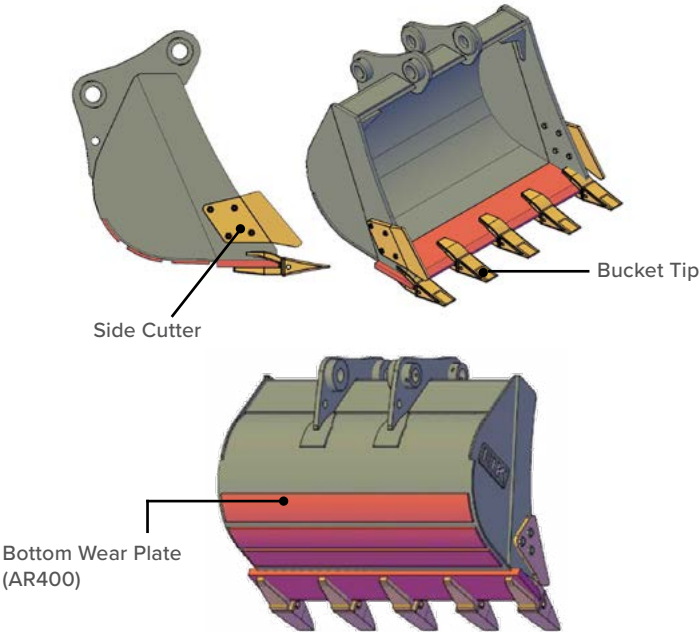
## Wide Ditching Bucket (Weld on Cutting Edge)



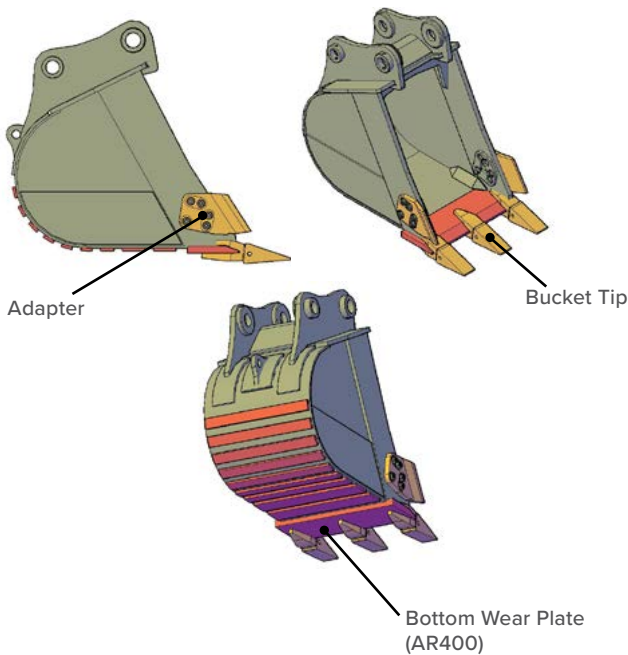
## Wide Ditching Bucket (Bolt On Cutting Edge)



## Wide Digging Bucket



## Narrow Bucket







# EIK GROUP OF COMPANIES

## **EIK Engineering Sdn Bhd (HQ)**

No. 10, Jalan SiLC 1/4,  
Kawasan Perindustrian SiLC,  
79200, Iskandar Puteri, Johor, Malaysia  
Tel: +607 - 531 9922  
Fax: +607 - 531 9919  
Website : [www.eikengineering.com](http://www.eikengineering.com)  
Email: [customerservice@eikengineering.com](mailto:customerservice@eikengineering.com)

## **Eik Lam Engineering Sdn Bhd**

No. 24, Jalan Mega 1/4,  
Taman Perindustrian Nusa Cemerlang,  
79200 Nusajaya, Johor, Malaysia  
Tel: +607 - 554 2700  
Fax: +607 - 554 1785  
Website: [www.eiklam.com.my](http://www.eiklam.com.my)  
Email: [general@eiklam.com.my](mailto:general@eiklam.com.my)

## **AMP Engineering Works Sdn Bhd**

No. 28, Jalan Astaka U8/84A,  
Bukit Jelutong, 40150 Shah Alam, Selangor  
Tel: +603 - 7859 9221  
Fax: +603 - 7859 9231  
Website : [www.ampengineeringworks.com.my](http://www.ampengineeringworks.com.my)  
Email: [info@ampengineeringworks.com.my](mailto:info@ampengineeringworks.com.my)

## **REGIONAL SALES OFFICES**

### **EIK Engineering Sdn Bhd (Kuala Lumpur)**

No. 28, Jalan Astaka U8/84A,  
Bukit Jelutong, 40150 Shah Alam, Selangor  
Tel: +603 - 7859 9221  
Fax: +603 - 7859 9231  
Email: [customerservice@eikengineering.com](mailto:customerservice@eikengineering.com)

### **EIK Engineering Sdn Bhd (Sarawak)**

Lot 1176, Section 66  
Kuching Town Land District  
Jalan Utama, Pending Industrial Estate  
93450 Kuching, Sarawak, Malaysia  
Tel: +6082 - 335 922  
Fax: +6082 - 345 922  
Email: [customerservice@eikengineering.com](mailto:customerservice@eikengineering.com)

### **EIK Solutions (United States)**

14430 Grant Road, Cypress, Texas  
77429 United States  
Tel: +1 832-850-4590  
Website : [www.eiksolutions.com](http://www.eiksolutions.com)  
Email: [sales@eiksolutions.com](mailto:sales@eiksolutions.com)

### **EIK Engineering Pte Ltd (Singapore)**

57 Cashew Road, Singapore 679640  
Tel: +65 - 9815 9685  
Email: [customerservice@eikengineering.com](mailto:customerservice@eikengineering.com)

## **EIK ENGINEERING SDN BHD**

No. 10, Jalan SiLC 1/4, Kawasan Perindustrian SiLC,  
79200 Iskandar Puteri, Johor, Malaysia.

**E** customerservice@eikengineering.com

For more complete information on EIK Excavator Bucket and other products, please visit EIK Website at  
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