

HIGH PERFORMANCE **BUCKETS** + ATTACHMENTS

DESIGNED TO SAVE YOU MONEY



ABOUT US

eiengineering was established in 2008 with the aim to make a significant difference in the earthmoving industry with buckets and attachments that deliver the best in **performance**, **cost efficiency** and **durability**.

We are an Australian company who takes pride in our products. Utilising our extensive engineering knowledge and experience, we design and manufacture high performance buckets and attachments to complement the latest in OEM technology. We will not compromise on design, materials or workmanship in order to deliver the most leading edge attachments for the industry.

Whilst earthmoving machinery is constantly evolving and becoming more efficient with each and every model, they will never be able to perform to their potential if they continue to use the traditional old technology buckets and attachments. These will just stop the machines from ever reaching their potential & cost the contractor's money in lost revenue, increased service costs & increased fuel usage.

At eiengineering, we are constantly investing into research and development in order to be the leaders in bucket and attachment innovation. Our attachments are designed to deliver greater productivity to help our customers get the job done faster whilst reducing their running costs.

Constructed from *eie80 grade** high strength steel for durability and longevity, our attachments are designed to fit on all major OEMs. We have over 8,000 attachments in stock and can ship anywhere in Australia within 3 days.



EXCAVATOR BUCKETS

Significantly reduce your operating costs and maximise your work output with our high performance GP Digging Buckets.

This GP Digging Bucket is scientifically engineered with earth dynamic design to cut through the ground with minimal resistance and drag to increase power and performance. The GP Digging Bucket generates more breakout force and reduces time and fuel costs.

Designed and refined for over a decade by our team of expert engineers, the GP Digging Bucket is packed with innovative features. The double radius design has a shorter pin-to-point dimension[†] that increases digging force, resulting in more positive power at the teeth and easier bucket filling.

Machines: 1 Tonne - 85 Tonne
Included: Pins, Teeth (Chisel or Tiger) and Adaptors
Widths: 150mm, 230mm, 300mm, 350mm, 400mm, 450mm, 600mm, 750mm, 900mm, 1100mm, 1200mm, 1500mm, 1700mm, 2000mm



Gummy Buckets are ideal for digging around conduits, services and cleaning trenches. Based on our standard GP Digging Bucket design, they will dig more in less time. Perfect for constant plumbing and drainage work.

Our Gummy Buckets come standard with a Weld-on Blade.

Machines: 1 Tonne - 38 Tonne
Included: Pins, Weld on Blade
Width: 150mm, 230mm, 300mm, 350mm, 400mm, 450mm, 600mm, 50mm, 900mm



Our **Vertical Digging Buckets** are designed specifically for digging holes with square edges and a flat base. In other words, they are perfect for digging: swimming pools, graves, confined roadwork projects and against pits and footings.

The "Hangers" (bucket ears) are designed so that the bucket crowds a lot more for maximum vertical digging depth. The double radius bucket profile also means that you can generate a bigger breakout and more power through the ground with less drag.

Machines: 2.5 Tonne - 6 Tonne
Included: Pins, Teeth (Chisel or Tiger) and Adaptors
Width: 300mm or 450mm



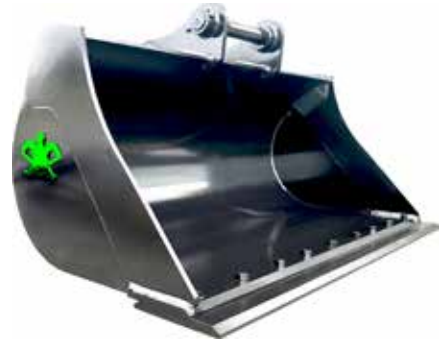
Reduce your costs and maximise your work hours with our high performance **Deep Trench Bucket**

They are designed for digging trenches that are narrower than the width of the quick hitch, but deeper than a normal bucket which lessens the need for benching out. With less surface area in the sides of the bucket, they are ideal for digging in wet conditions as it releases wet material more easily.

Machines: 2.5 Tonne - 30 Tonne
Included: Pins, Teeth and Adaptors or Weld-on Blade
Width: 150mm, 200mm, 300mm, 450mm

[†] Pin-to-point dimension = the distance between the top of the bucket and the teeth.
* eie80 grade high strength steel has a material hardness of 250 - 280 Brinell. It's 3 x stronger and 3 x more abrasion resistant than mild steel 250 grade.

EXCAVATOR BUCKETS



Our **Mud Buckets** are engineered to work harder for you. Designed to carry the maximum safe working load so your machine can move more material and get your jobs done faster and safer. With a reinforced Bolt-on Edge, the bucket edge remains straight for clean-up & leveling. Long bucket hangers ensure positive drive through the material and the high strength steel backplate ensures long life & less flex.

Machines: 1 Tonne - 50 Tonne
Included: Pins, Bolt-On Edge
Widths: 900mm, 1100mm, 1200mm, 1500mm, 1800mm



Featuring 45° tilt either side with double-acting hydraulic cylinders, our **Tilting Mud Buckets** are designed to deliver greater productivity. With a thick edge for strength and to reduce warping, it also has a Bolt-on edge for extra strength and wear resistance. Ideal for trimming to get that exact cut or slope.

Machines: 1 Tonne - 38 Tonne
Included: Pins, Bolt-On Edge, Hoses, Couplers (< 8 tonne machines), Wear Strips, Spill Guard (> 24 tonne machines)
Widths: 900mm, 1100mm, 1200mm, 1500mm, 1800mm



Our **High Volume Mud Bucket** is designed for LC (Long Carriage) excavators or Hi-spec excavators built for bulk loading trucks with loose aerated material or light materials. With the same profile as our GP Buckets, they offer larger volumes, more efficient digging and loading capabilities without impacting on the geometry limitations between the excavator boom and dipper arm.

Machines: 24 Tonne - 50 Tonne
Included: Pins, Bolt-On Edge
Widths: 900mm, 1100mm, 1200mm, 1500mm, 1800mm



The distinct double radius design of our **Skeleton Buckets** offers much greater efficiency when sieving. The longer back area offers around 20% more sieving area, so you can finish your jobs faster with a lot less stress on your machine. The interlocked heavy high strength steel bars give greater bucket life & more overall strength.

Machines: 1 Tonne - 38 Tonne
Included: Pins, Bolt-On Edge
Spacings: 75mm, 120mm, 150mm
Widths: 900mm, 1100mm, 1200mm, 1500mm, 1800mm



Our **Skeleton Buckets with Teeth** offers greater versatility. With more teeth added compared to a standard digging bucket, it allows you to rake whilst sorting out material.

Machines: 1 Tonne - 38 Tonne
Included: Pins, Teeth & Adaptors
Spacings: 75mm, 120mm, 150mm
Widths: 900mm, 1100mm, 1200mm, 1500mm, 1800mm



Sturdy, durable and tough, our **Rock Digging Bucket** is designed to make rock digging more efficient, cost effective and fast. The double radius back plate design, robust high strength steel construction & Hardox protection in all the wear areas makes it withstand the harshest terrains but retain flexibility to resist metal and weld fatigue. They are ideal for quarries, recycling yards, or locations with extreme abrasive material.

Machines: 24 Tonne - 85 Tonne
Included: Pins, Teeth & Adaptors
Widths: 900mm, 1100mm, 1200mm, 1500mm, 1800mm

EXCAVATOR ATTACHMENTS



Featuring five interlocking fingers, our **Mechanical Grapple** is ideal for any application that requires extensive lift, carry or load. It has Internal bracing to ensure greater lateral strength, and the quick attach arm makes for easy loading and unloading of the grapple onto the excavator.

Machines: 1 Tonne - 38 Tonne
Included: Pins, Quick Attach Arm



With a fully protected heavy duty hydraulic cylinder under the hitch area for protection and easy operation, our **Hydraulic Grapple** offers great versatility and the largest opening in its class. It can be used in any position high or low, and as a demolition grapple with 3 fingers facing the cabin. It can also be turned 180° for jobs that require greater vision of the materials such as rock placement.

Machines: 1 Tonne - 38 Tonne
Included: Pins, Hoses, Couplers (< to 8 tonne machines)



Our **Excavator Grader Blades** are ideal for landscaping, scraping, grading, leveling and shaping for drainage. Our box type design has internal ribs for strength and durability. The blade is curved and wider than most to deliver maximum efficiency and the angled edge is designed for easy trimming.

Machines: 5 Tonne - 14 Tonne
Included: Tie Down Points, Carrying Lugs



The heavy construction of our **Compaction Wheels** reduces load on the excavator and delivers exceptional compaction on the toughest terrains. The vesconite bushes ensure long working life and tapered deep pads compact more efficiently and the pad profile prevents material lift during compaction. This speeds up the process by requiring less passes for greater productivity. Ideal for dry conditions only.

Machines: 5 Tonne - 38 Tonne
Included: Pins, Hoses, Couplers (< 8 tonne machines)



The **Compaction Drum Roller** is similar to a pad foot roller that has a drum with pad feet welded to it. The Roller has the excavator hanger brackets attached to the wheel from the outside of the drum. They are suitable for applications in open space such as highways, dams, driveways and land fill. ideal for dry conditions only.

Machines: 5 Tonne - 38 Tonne
Included: Pins, Hoses, Couplers (only up to 8 tonne machines)



Our **Single Tyne Ripper** with wear resistant cheek plates is designed so excavators can rip correctly with a curved tyne. This allows the material to slide up onto the shank to gain greater power for easier ripping. With the curved shank, the tooth can be drawn horizontally through the rocky ground parallel with the top to ensure easier ripping and less chance of breaking the tooth or adaptor.

Machines: 1 Tonne - 50 Tonne
Included: Pins, Ripper Nose Adaptor & Tooth

HYDRAULIC HAMMERS



Engineered to have the greatest power to weight ratio, **ei Ace Hydraulic Hammers** will deliver optimal performance with fuel saving technology. Constructed from 100% Korean Steel and fully assembled in Korea, they are designed to withstand the most intensive working conditions. Our Hammers are ideal for any rock or demolition application in limestone, asphalt or massive reinforced concrete structures. They will fit onto any Excavator within the 11 – 29 tonne range.

- 14 tonne excavators: 100mm Chisel is capable of 500 – 780 blows per minute with 3/4" hoses.
- 20 -25 tonne excavators: 140mm Chisel is capable of 275 –350 blows per minute with 1" hoses.

Available for Sale and long or short term Hire.

SKIDSTEER ATTACHMENTS

The ultimate bucket for versatility, our **Skidsteer 4-in-1 Bucket** delivers maximum fill with minimal effort for super efficient cycles. With a robust designed main pivot section, along with 30mm hardened pins, one-piece back plate design, curved side plates for easy carrying and other elements to add strength and durability that is second to none. Also, the extra heavy duty flat floor; which is not only stronger, but allows easy filling and emptying of the bucket. The geometry of our 4-in-1s ensure that the bucket is loaded to capacity so you can work more efficiently.

Also available in our Skidsteer range are flat floor **Grapple Buckets, Skeleton Grapple Buckets, Spreader Bars, Dozer Blades, Root Rakes and Pallet Forks.**



4 in 1 Bucket



Grapple Bucket



Skeleton Grapple Bucket

GROUND ENGAGING TOOLS

Our **Ground Engaging Tools** (GET) are designed to deliver greater productivity by penetrating the ground with ease taking the brunt of the load away from the bucket. At eiengineering, we cast our own teeth & adaptors using moulds with much less tolerance. Less tolerance means better fitment therefore reduces:

- wear on the adaptors,
- pin failure,
- the likelihood of teeth falling off.

Our casting alloys include more chrome and nickel which delivers greater strength and wear resistance. Our GET can be purchased online at eiengineering.com.au/online-shop



5KC3 Twin Tiger Tooth



5KC3 Chisel Tooth



5KC3 Single Strap Adaptor



FT170S Chisel Tooth



FT190WTL Twin Tiger Tooth



V17 Double Strap Adaptor



V17SYL Chisel Tooth



V29 Flared Tooth



V29 Double Strap Adaptor



40 Series Twin Tiger Tooth



40 Series Chisel Tooth



18 Series Double Strap Adaptor



35 Series Ripper Bucket Tooth



FT230TL Ripper Single Tiger Tooth



35 Series Ripper Nose Adaptor



Side Cutters 10 – 17.9 TONNE



Bucket Pins and Rubbers



Bolt-on Edges / Cutting Blades

ATTACHMENTS FOR HIRE

Hiring attachments opposed to buying has many advantages:

- If you are quoting a short-term jobs and want to remain competitive to get the job
- Need to use high priced attachments to do a job, but can't justify the cost for longer term
- Try before you buy - make sure the attachment will do the job you require
- 100% instant tax deduction
- You can rent from 1 week to 12 months or more

Our excavator attachments suit all machine makes and models. Because our attachments are designed to give Contractors greater productivity, you'll be able to get the jobs done quicker, at less costs, so you can make more money.

We have a huge range of excavator attachments for hire with highly competitive weekly and monthly rates. Contact us today for more info.



We have the following attachments for hire::

- Compaction Wheels
- Deep Trench Buckets
- Hydraulic Grapples
- Hydraulic Hammers / Rock Breakers
- Mud Buckets
- Skeleton Buckets
- Tilting Mud Buckets

Our attachments for hire are available for 5 to 30 tonne excavators. They can fit onto any OEM machines.



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eiengineering
high performance attachments