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con Kock Leong Enterprise Pte Ltd has one of the larguest selections of excavators for rent in Singapore. Excavators are considered one of the essential equipment in construction and earthworks. They are mainly used for other purposes such as hamnering, grappling, thumbing, univerziting, drilling, sawing, flall mowing, and ripping with the proper attrachment and configurations. There are various types of excavators are the lead type of excavators are only operable on hard and flat surfaces. These are crawler excavators with lengthy arms and boom. The arms are extendable from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessible from 40 to 100 feet which is lided for jobs that are only accessed for the present and a construction. Standard excavators are accessed for the present and ac
lragline system for road excavation, pipe driving, or clearing underwater earth. They dont have the usual arm and boom and are usually larger than other types of excavators. Widely used for deep digging, dragline excavators are generally assembled at the site. During operation, the hoist rope lowers and raises the bucket. They are generally used
or large-scale civil engineering projects. READ What is Case Hardening   Case Hardening of SteelSuction excavators are also known as vacuum excavators. They have a suction pipe with sharp teeth and can provide up to 400 horsepower.
acuum to carry away the dirt, soil, and debris. In a skid steer excavator, the boom and bucket face away from the driver. They are smaller, compact, and suitable for narrow and tricky areas and thus find wide application in residential projects. They are equipped with wheels for easy movement. From the name, it is quite clear that this type of
excavator has a lengthier arm and boom sections. Suitable for reaching hard-to-reach locations, a long-reach excavators arm can extend over 100 feet horizontally. They are difficult to operate in small spaces and are generally used for demolition projects and heavy-duty site digging activities. Mini excavators are a smaller and lighter version of
tandard excavators. They can easily fit into tight spaces and this is the reason they are widely used to handle smaller loads. Having reduced tail-swing, mini excavators can work indoors and on job sites requiring delicate work. Depending on the weight of the equipment, excavators can be categorized into the following three types: Standard
Excavators: Used widely for bulk earthmoving and heavy lifting operations, standard excavators usually weigh between 22,046 to 200,000 pounds. Midi Excavators are more powerful than mini excavators and weigh between 13,227 to 22,046 pounds. Mini Excavators: Smaller in size but versatile and
videly used in tight job spaces, mini excavators weigh less than 13,227 pounds.READ What is an Oxidation-Reduction Potential (ORP)? How is it Measured? The selection of an excavator for a specific job mainly depends on the following three factors as mentioned below: Type of job to be performed. Size/Capacity required Environment There are many
ompanies that manufacture a wide variety of excavator models. The most common excavator manufacturers are: CaterpillarVolvoKomatsuJohn DeereHitachiSumitomoDoosanTerex CorporationJCBL&TMahindraHyundai Heavy IndustriesSandvikThe main differences between an excavator and a bulldozer are Excavator Bulldozer Excavators are heavier
and largerBulldozers are comparatively smaller. The pushing power of excavators is comparatively less. The pushing power of bulldozers is more than excavators. Excavators allow the user to manage the work from one location. Bulldozers need to be moved for their operation. The main function of an excavator is excavator is excavating, digging, material handling, and demolishing. The main function of a bulldozer is surface leveling, site clearing, etc. They can work on plain and hilly terrains. Mostly suitable for plain areas. Excavator vs. Bulldozer is a laymans term whereas an
excavator is an industry term. There are different types of equipment used in construction and industrial applications. Each one has a unique function that allows professionals to complete their tasks efficiently and safely. One of the most common machines you will find on a worksite is an excavator. The excavator has different uses in construction,
naking it a valuable piece of machinery for various projects. If you are a builder, developer, or property owner who has a construction or industrial project, you probably need to buy or rent an excavator. However, before you do so, its best to learn more about this machine and find the right type of excavator for your project. What is an Excavator? An
excavator is a type of heavy equipment typically used for a variety of earthmoving tasks. Also called a digger, it is equipped with a bucket, arm, rotating cab, and tracks that provide it the mobility and power it needs to complete several functions on the worksite. What is an Excavator Used For? In the most general sense, an excavator is most
commonly used for transporting different loads, such as soil and gravel, for the ease of a construction or building operation. While smaller excavators may be limited to this transportation function, larger and more powerful excavator types have a wider range of applications, especially in large-scale projects, such as mining or foundation setting. To
earn more about how you can utilize an excavator for your project, we have listed the different functionalities of the machine. Continue reading to discover how useful an excavator truly is. Excavation and Earthmoving When one thinks of excavator uses in construction, the most common function that comes to mind is excavation and earthmoving asks. Like any masterpiece, a construction project requires a smooth, blank canvas that is free from debris like rocks and loose soil. Depending on the scale of your project, there are a number of different excavator types that you can choose from based on your needs, budget, and project scale. Demolition Even for many professionals in the
construction industry, excavators may not be the first piece of heavy-duty equipment that come to mind when you think about a demolition job, but that does not mean that they are the only tool for the job. Some excavators are more than able to accomplish your demolition task,
while still being fit for other deliverables on your project timeline. So, for better efficiency, kill two birds with one stone with an excavator rental in the Philippines that can tear down a building and pipe-laying require powerful excavator types
hat can survive the constant pulling of heavy loads, as well as a steady hoist and drop hydraulic or electric motor system that can safely transport heavy pipes or mining finds. Excavator types that can fulfill this task category are usually armed with elongated, barebones booms that can withstand the constant horizontal and vertical load pulling
equired of these tasks. Roadworks From skyways and highways to bridges and tunnel roads, the infrastructure that goes into our roadwork would not be possible if not for the power and efficiency that excavators can bring to a project. By utilizing excavators for a roadwork job, you are able to create strong foundations for roads that can bear the veight of vehicles and loads and withstand the elements. Construction Whether residential or commercial, excavator equipment is a must for durable and long-lasting foundations. Furthermore, the flexibility that excavators afford for heavy lifting materials
s a vital addition for compact work sites that require mobility when transporting items around the projects. Whether youre using this piece of rental heavy-duty equipment to complete your backyard landscaping or commercial construction project, you
an find the right excavator size that suits your needs. There are three main excavator sizes you should learn about. These size classes were specified based on the weight of the machine. Mini Excavator weight no more than seven metric tons and is often referred to
s a compact excavator. Because of its size, the mini excavator is often used for projects that have to deal with tight worksites. It also offers great precision, allowing operators to work around pipes or gas lines that may be underground the worksite. Additionally, the mini excavator is preferred for smaller projects because it can be used on soft terrain
and completed sites without damaging or tearing up the ground. However, it is not as powerful as its larger counterparts and may not provide the necessary power needed for larger projects. Standard excavator Weighing between seven and 45 metric tons, the standard excavator is one of the most common types offered by excavator brands. This
excavator size is often used in a variety of construction projects because it provides the necessary power and hauling capacity. Although the standard excavator is bigger than the mini excavator may cause damage when used over because of its size and weight, a standard excavator may cause damage when used over local to the worksite because they cannot be driven over roads. Large Excavator The largest excavator size you will find in the market weigh more than 45 metric tons and is often used for heavy-duty
obs. Because of their size, large excavators can offer the power and hauling capacity necessary to complete large projects like large-scale demolition and major commercial construction. Large excavators are utilized in digging foundations for large infrastructures, such as apartment complexes, shopping centers, and high-rise buildings. This type of
excavator is also useful for handling large volumes of soil when completing earthmoving tasks. Similar to standard excavators, large excavators may be challenging to transport. You have to invest in a large transport truck to be able to bring this piece of equipment to and from different jobsites. Choosing the Right Size of Excavator for Your
ProjectWith a variety of excavator sizes to choose from, deciding on the right piece of equipment for your projects may be quite challenging. You need to choose an excavator size that suits your projects requirements and boosts your productivity. To help you decide, here are some factors you need to consider when picking an excavator size: Worksite
ayoutDetermine the layout of your projects worksite and see if there are any tight spaces that you need to access or obstacles you must avoid. If you do, you might have to choose a compact excavator, which will allow you to maneuver small spaces and obstacles easily. On the other hand, if you have enough space on your worksite, you can choose a
tandard or large excavator without any problems. You only need to be mindful of obstacles that may appear as the project progresses. Terrain or a finished site, you might need to avoid using standard or large excavators. These excavator it can be used on. If youre working on soft terrain or a finished site, you might need to avoid using standard or large excavators. These excavator it can be used on. If youre working on soft terrain or a finished site, you might need to avoid using standard or large excavators. These excavator it can be used on. If youre working on soft terrain or a finished site, you might need to avoid using standard or large excavators. These excavator it can be used on. If youre working on soft terrain or a finished site, you might need to avoid using standard or large excavators. These excavator it can be used on. If youre working on soft terrain or a finished site, you might need to avoid using standard or large excavators. These excavator it can be used on. If youre working on soft terrain or a finished site, you might need to avoid using standard or large excavators. These excavator is a finished site of the excavator is a finished site of
s the requirements of your project. You need to make sure that the excavator you like will allow you to meet the project specifications when it comes to the following: Dig depthReachLift heightLoad capacityLoad weightTransportation and StorageYou need to be prepared with the transportation and storage of the excavator youll be renting or
buying for your project. Transporting and storing large and standard excavators may be expensive and might need special permits. If you don't have to choose a mini excavator size wont give you any trouble when it comes to storage and will only
need a small transport truck, which is more cost-efficient. Types of Excavators Aside from being categorized by size, excavators can also be classified based on their specific functionalities. Some of the most common excavator types used in various projects are the following: Crawler Excavators As the model that typically comes to mind when one thinks of excavators, tracked or crawler excavators are excellent because of their powerful excavators, the former makes for more makes for more
excellent maneuverability even in difficult terrain due to their infinite tracks and the secure operator cab design. Purchase or Rent This If: You want a type of excavator that is dependable and powerful enough to survive different working conditions while fulfilling a number of basic tasks outside of just excavation, such as load lifting. Long-Reach
Excavators Built with a significantly longer boom and stick, long-reach excavators are an excellent multi-purpose type of excavator that can tear down tall buildings and old roadways while having the capacity to dig deep, underground trenches and holes for subterranean construction or mining operations. Long-reach excavators are built with a engity arm that makes demolition jobs safer because they can be operated from the cab at a farther distance. Combined with this utility as an excavator type, this makes it an excellent choice for large, multi-story projects that require either demolition or foundation construction. Purchase or Rent This If: You are working with high-rise developments
hat require plenty of range during operation with demolition and construction or intensive underground digging that reaches deep into the earth. Dragline excavator because they can be operated from the cube divergence of large, must story projects that require plenty of range during operation with demolition and construction or intensive underground digging that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that reaches deep into the earth. Dragline excavator because they can be operated from the cube that the cub
notors for added dragging or hoisting capabilities. While most excavators rely on their heavy buckets to accomplish heavy-duty lifting on the surface, dragline excavators rely on their pulling ability to hoist heavy debris like stone and soil out of the ground. Furthermore, they are also expected to have the same boom power for carrying heavy
naterials for pipe laying to create durable sewage and water systems for long-term use. Purchase or Rent This If: You expect to use your excavator for accomplishing plenty of subterranean work in a large-scale project that involves pulling loads into or out of underground worksites. Types of Excavator Attachments Excavators already offer a lot of
unctionalities on their own, but different attachments can make excavators more versatile pieces of equipment. Here are a few excavator attachments that are typically used by professionals: Buckets: This is the most common attachment used in an excavator. You can choose from different types of bucket attachments, such as slim, wide, and
mooth.Thumbs: Designed to make handling materials easier, a thumb attachment can improve the functionality of your excavators bucket. It can also make gripping bulky and large pieces much easier. Augers: With an auger, digging tasks can be completed quickly and more efficiently. This is why this attachment is often used for digging holes for ence posts, building supports, and foliage. Hammers: A hammer attachment can effectively break up pavement and other tough surfaces, which is essential in demolition projects. Rippers can easily smash the solid ground and demolish buildings. We hope that this guide to
ence posts, building supports, and fondage. Haminer attachment and demonstrating surfaces, which is essential in demonstrating frojects. An animer attachment and demonstrating surfaces, which is essential in demonstrating frojects. This is another attachment and demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. This is another attachment that can be used in demonstrating frojects. The projects are used in demonstrating frojects are used in demonstrating frojects. The projects are used in demonstrating frojects are used in demonstrating frojects. The projects are used in demonstrating frojects are used in demonstrating frojects. The projects are used in demonstrating frojects are used in demonstrating frojects. The projects are used in demonstrating fro
ind out more about excavator rental in Singapore. CAT345GC (45ton)Outstanding performance. Excellent control, high stick and bucket forces, impressive lift capacity, simplified service and a comfortable operator station. The CAT345GC increases your productivity and lower operating costs. Available Attachments Bucket Sheet Pile Driver
CAT336DL/D2L (37ton)The rugged main frame is built to perform in the toughest applications. Engineered with power to move more dirt, rock, and debris with speed and precision. The CAT336D2/D2L gets the job done. Available Attachments Bucket Super Long Reach Auger Drill Sheet Pile Driver CAT320D (21ton)The CAT320D incorporates
nnovations for improved performance and versatility. High efficiency and performance with low effort and precise control. Available Attachments Bucket Breaker Super Long Reach Grapple Pulverizer CAT312D/D2 (13ton)Achieve high productivity and lower operating costs with the CAT312D2/D2L hydraulic excavator. Unmatched versatility,
mproved controllability and easy operation makes this unit an industry leading performer. Available Attachments Bucket Breaker Grapple Pulverizer CAT307D (7ton)The CAT307D hydraulic excavator delivers superior performance and comfort while reducing your operating costs. It sets the standard for conventional excavators in the seven to eighton size class. Available Attachments Bucket Breaker ZX55U / VIO50 (5.5ton)The ZX55U / VIO50 offers a robust compact radius design with excavator rental in Singapore. Compact in design, durable and versatile, the ZX38U is excellent
or working in tight spaces. Available Attachments Bucket Breaker  Note: Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker  Note: Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners a robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners are robust compact radius design with excellent performance and stability. Available Attachments Bucket Breaker 2x350 / v1050 oners are robust compact radius design with excellent performance and stability.

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