

SERVE YOU FAST is our priority







AMP

AMP Engineering Works Sdn. Bhd.

Motto: SERVE YOU FAST is our priority

Introduction:

AMP Engineering Works is a company equipped with the required technical know-how and development capability; we aim to deliver superior quality dredging solutions at cost-competitive prices to all our valued customers. We are driven to become the leading supplier of rental and leasing of dredging equipment in this industry.

The company's main operation is the provision of dredging works with specialization in amphibious dredging equipment that provides solutionsfor:

- THE DEEPENING AND WIDENING OF OFF-SHORE AND EXISTING RIVER BEDS
- THE REMOVAL AND DISPOSAL OF UNWANTED MATERIALS

Value added services that we provide:

- Unparalleled after sales services and technical assistance
- Custom fabrication advisory service which assist customers in selecting the most cost effective package of heavy equipment that are tailor-made for our customers' specific applications.
- Well trained and experienced operation team in the handling of our customers' needs.

We work hand in hand with our sister company EIK Engineering Sdn Bhd, specialize in amphibious excavator attachment, to become the preferred provider of dredging services in the region.

We provide a "ONE STOP SOLUTION FOR THE PURCHASE, RENTAL AND LEASING OF HEAVY EQUIPMENT AND ATTACHMENT MANUFACTURING" to our valued customers.

Furthermore, all attachments are custom fabricated by EIK Engineering Sdn Bhd to further enhance the efficiency and productivity of dredging works. Listed below are some of the methods and solutions that we provide to our customers for their dredging works:





Method I: Amphibious Excavator

The Amphibious Excavator is a highly specialized and innovative equipment. The machine is designed to allow for the use in both swamp & water territories. This is achieved by the addition of "Long Reach and Boom Package" to the main excavating machine to equip amphibious capabilities. We also have our in-house expertise, trained in relevant specialization to assist our customers in carrying out such excavation works where conventional off the shelf solutions fail to deliver.



An Amphibious Excavator may be used in the following ways:-

- Maintaining and clearing water ways, lakes, shoreline, pond and etc.
- Erosion control and prevention
- Deepening of water ways and river delta
- Maintaining and repairing natural environment
- Landscape building and protection
- Accessing difficult strands from water / soft terrain
- Swamps and wetlands construction
- Road building through wetlands







Optional / Accessory Items:

- Spuds attached to pontoons to overcome buoyancy / floatability of the Amphibious Excavators
- Operational spud which enables Amphibious Excavator to operate in water depth of up to 4 meters.
- Floating tanks can be added on each side of the pontoons to provide extra stability to the Amphibious Excavators.







Method II : Long Reach Excavator

Our Long Reach Excavator is capable of achieving additional 50% digging depth and forward reach over a standard boom, saving our customers invaluable cost and time, and maximizing productivity.

It is an ideal solution for the following examples:-

- River and sea dredging on land or barge
- Pond excavation and maintenance
- Terrain deepening and foundation excavation
- Drainage construction
- Distant digging







Method III: Submersible Dredge Pump attached on Amphibious Excavator / Standard Excavator

We provide Submersible Dredge Pump, which is modified equipment that can be attached to Amphibious Excavator/ Standard Excavator for land and water excavation purposes.

It is suitable to be used among the following terrains and job scope:-

- Marinas, harbor , dock loading facilities etc
- Clean out containment/ sludge collection ponds
- Beaches, river, lake reclamation and canal clean out.
- De-silting of water intakes
- Emergency dump pond
- Ash decant sump
- Fly ash collection sump
- Ash and waste collection pit
- Scrubber sludge transfer
- Lime collection pit
- Coal wash-down sumps





Method IV : Dredging / Self Propelled Pontoon

This Method is basically a floating pontoon or sometimes a self-pontoon **(mounted with long arm excavator).** The purpose of a barge is to assist in the disposal of the dredged materials from the dredging areas to the dumping site. The dredged material is loaded by the Amphibious Excavator on the barges. This pontoon shall move by itself by using its own arm.

Rental and Lease Of Heavy Equipment

Introduction:

AMP Engineering Works is specialized in the rental and leasing of various types of heavy equipment. We provide equipment rental service by maintaining the average age of our rental equipment at not more than 10 years and we are able to keep up with the demands of the industries. Besides that, we impose strict quality control over our rental equipment to provide the most satisfactory rental and leasing service to our customers.

Services

- **Operator**
  We provide skilled and experienced operator as an option for our customers.
- **Rates and Price Quotations**
  Rates and prices vary depending on the time, quantity and rental/lease periods as with all businesses. All rates and prices may vary depending on day to day quotations and also on the rent/lease period, yet, are verified at the time of rent or lease. However, prices recorded on the rental agreement at time of rent/lease are final and binding.
- **Heavy Equipment Types and Classes**
  Our company offers several of quality renowned brands to provide rental for our valued customer.



CAT320D / AM200 Amphibious Excavator (3 Units)



Doosan DX220 / AM200 Amphibious Excavator (2 Units)



Doosan DX35Z Mini Excavator



Doosan DX220 Hydraulic Excavator (5 Units)



Doosan SD310 Wheel Loader



Komatsu PC350-8MO Hydraulic Excavator



Hyundai R140W-9S Wheel Excavator



CAT CS533E Compact Roller



15M Long Reach Excavator CAT320D (3 Units)



18M Long Reach Excavator Volvo EC290 (5 Units)



11M Long Reach Excavator Kobelco SK130L (3 Units)



18M Long Reach Excavator Doosan DX340



CAT Ariticulated Dump Truck (3 Units)



Kobelco SK130L / AM140 Amphibious Excavator (2 Units)



Doosan DX420 Hydraulic Excavator



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