



LIFTECH ENGINEERING GROUP

The Company Profile

More about our services at
www.liftech.com.my

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Liftech Group was first incorporated in 1992. We initially started the business with just a team of only 3 people, but with a clear vision and willingness to work really hard, Liftech Group believes anything is possible to grow bigger.



Our History

With time and effort, we used our expertise to provide cranes and services because we believed there was a shortage of crane suppliers in the Malaysia market. As our business started growing, we started hiring new talents which enabled us to continue growing our business.

At the present date, Liftech Group has successfully expanded our team to a total of 180 people covering the whole Malaysia. We have branches in Selangor, Perak, Penang, Johor, Kuantan, Sabah and Sarawak to support our customers and to reduce their downtime, because we believe customer urgency is our urgency and we will do our very best to —

ensure customer productions are never affected. Till this present date, we have our own experienced team to design, manufacture, sales and after-sales servicing of overhead crane, gantry crane, monorail cranes, jib cranes, monorail cranes, goods hoist, wire rope hoist and chain hoist, scissor lift, dock leveler. Liftech Group are also endorsed by DOSH (Department Of Occupational Safety and Health) to design and supply cranes in accordance to international standard codes.

OUR PRINCIPALS:





04 Overhead Crane

An **overhead crane**, also known as a **bridge crane**, is a type of crane that runs on an elevated track, allowing it to move heavy loads horizontally along the track. The crane is comprised of a bridge that spans across two or more supports and a trolley that travels along the bridge, carrying a hoist that lifts and lowers the load.

Overhead cranes are commonly used in industrial settings for material handling, manufacturing, and construction. They are designed to improve efficiency and safety by allowing operators to easily move heavy loads without manual labor. They also come in handy when there are limited spaces for forklift to be operating, as the cranes are installed on running beam structures.

Liftech Group is able to supply cranes from as small as 250 KG to overhead cranes as big as 150 Ton.

Gantry/Semi Gantry Crane

A **gantry crane** can be used for indoor or outdoor operations, can be designed for single or double girder according to the capacity, can be with or without cantilever depending on usage and industry. Gantry crane can also be designed to be a **semi gantry crane**, where one side of the wheel is on a fixed structure such as wall or column, and another side will be on the rails which is installed on the floor level.

Gantry crane is mainly utilized in moving heavy objects and materials in shipping yards, ports, Manufacturers of construction materials such as piles or concrete slabs industries. The advantage of the gantry crane is it can lift heavy objects over a wide area and traveling at a long distance, it can help save space on the ground level.

Whatever the application is required, We, Liftech Group will ensure that every gantry crane designed and supplied by us will maximize operations and efficiency to our clients.





Jib Crane

A **jib crane** is a type of crane that can be installed vertically on a column beam or mounted to the wall, and the jib can be designed so that it can swing from 1 degree to 360 degree. Jib cranes are commonly used to handle parts and it is usually suitable for workshop or storage facilities that have limited working space, this is where jib cranes will be fully utilized.

Liftech Group can offer a very vast range of jib cranes depending on the applications, from light duty application to heavy duty application, we, at Liftech can design and supply according to customer needs.

Monorail Crane

A **monorail crane** is a type of crane that operates on a single beam, allowing it to carry the designated load and move along the path. The monorail beam is typically mounted on a support structure such as a wall or ceiling. The advantage of a monorail crane is it can be designed and fabricated to be a curved design, allowing the monorail crane to reach area that might be difficult for other standard cranes to reach.

In the current 21st century, PLC can also be installed into monorail cranes to control the movement and lifting mechanism of the crane through automation. With the use of PLC control systems, monorail cranes can be operated through automation to reduce reliability on manpower for your production. By doing so, we can help our client improve efficiency of the production or manufacturing process through automation.



Hazardous/Extreme Environment Crane

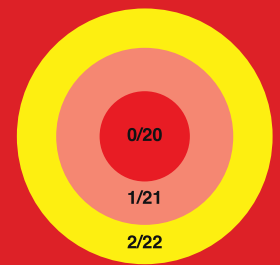
Whether to **withstand extreme heat** or to **prevent corrosion** on the crane, crane and hoist supplied by Liftech Group can be specially designed for these needs, we will ensure that every crane supplied to our clients will be suitable for their usage and can also be operated safely. For environment which require ATEX, which stands for Atmosphere Explosible,

are commonly used in industries such as Oil and Gas, chemical manufacturing or any industries involving explosive gas,vapor or dusts. Liftech Group can provide ATEX wire rope hoist or chain hoist built to meet safety standards as set by the European Union. Please refer to the table below to choose the suitable **ATEX hoist** for your usage.

ATEX CODE COMPOSITION

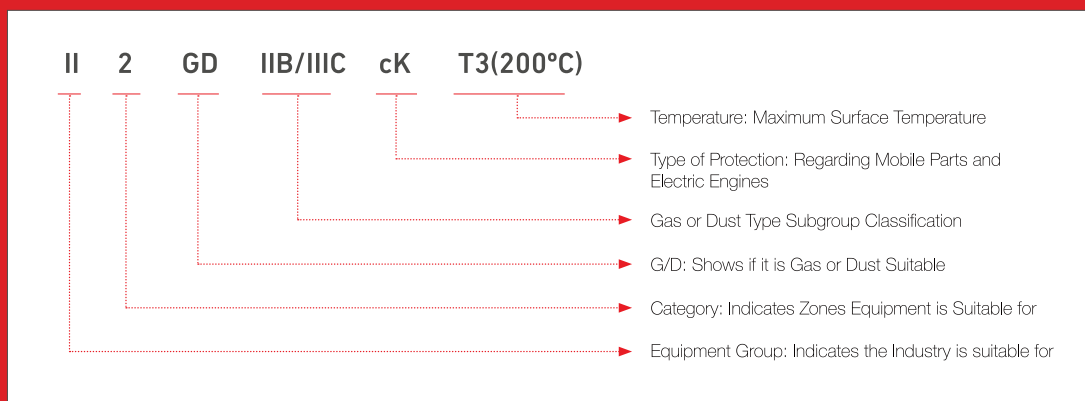
Zone	Group	Category	Gas / dust	Subgroup	Max surface temperature		Jaso ATEX - equipment marking
					T°C	TEMP CODE (T1...T6)	
2	II	3	G	IIA	450	T1	Zone 2, 3G ck IIA T1
					300	T2	Zone 2, 3G ck IIA T2
					200	T3	Zone 2, 3G ck IIA T3
					135	T4	Zone 2, 3G ck IIA T4
				IIB	450	T1	Zone 2, 3G ck IIB T1
					300	T2	Zone 2, 3G ck IIB T2
					200	T3	Zone 2, 3G ck IIB T3
					135	T4	Zone 2, 3G ck IIB T4
22	II	3	D	IIIA	450	T1	3 GD ck IIA T1 / Zone 22, 3D ck IIIA T1
					300	T2	3 GD ck IIA T2 / Zone 22, 3D ck IIIA T2
					200	T3	3 GD ck IIA T3 / Zone 22, 3D ck IIIA T3
				IIIB	450	T1	3 GD ck IIB T1 / Zone 22, 3D ck IIIB T1
					300	T2	3 GD ck IIB T2 / Zone 22, 3D ck IIIB T2
					200	T3	3 GD ck IIB T3 / Zone 22, 3D ck IIIB T3
			IIIC	450	T1	3 GD ck IIB T1 / Zone 22, 3D ck IIIC T1	
				300	T2	3 GD ck IIB T2 / Zone 22, 3D ck IIIC T2	
				200	T3	3 GD ck IIB T3 / Zone 22, 3D ck IIIC T3	
			IIIC	135	T4	3 GD ck IIB T4 / Zone 22, 3D ck IIIC T4	

Zones



G Gas
Zone
0
1
2

D Dust
Zone
20
21
22





09 Goods Hoist

A **goods hoist** is mainly designed and built for the purpose of transporting goods rather than people. Goods hoist is commonly used in factories, warehouses or any manufacturing industries that are looking at fully utilizing their workspace by having a second or third floor to store their goods, instead of just keeping the goods on the ground floor.

Goods hoist can also help reduce injuries on workers, as it will eliminate the need for workers to manually lift heavy items up and down, hence improving efficiency at the same time as less workforce shall be needed. There are also multiple safety features when Liftech Group install your goods hoist, as we will implement safety features such as safety catch, overload devices, limit switches and also spring buffers.

100 Wire Rope Hoist

Liftech Group offers multiple choices of **wire rope hoist** available according to customer requirement. Liftech Wire Rope hoist can be designed to be compact yet robust hoist which can be from capacity as low as 1 Ton or as high as 500 Ton.

Feel free to browse our website at www.liftech.com.my for more technical details or contact us directly at sales@liftech.com.my for further information on our hoists and which type of hoist is more suitable for your usage.

- 1 Double Girder Hoist with Crab
- 2 Double Girder Hoist

- 3 Low Headroom Hoist
- 4 Normal Headroom Hoist





1



4



2



3

Chain Hoist

Liftech Group offers multiple choices of **chain hoist** available according to customer requirement. Liftech Chain Hoist can be used on multiple industries such as construction, manufacturing, automotives and anymore.

Feel free to browse our website at www.liftech.com.my for more technical details or contact us directly at sales@liftech.com.my for further information on our hoists and which type of hoist is more suitable for your usage.

1 Chain Hoist

3 Basic Chain Hoist

2 Low Headroom Chain Hoist

4 Chain Hoist with Motorized Trolley

12 Scissor Lift/ Dock Leveler

Scissor lifters are a type of lifting platform which is designed to handle heavy loads and also to provide a secure and stable platform for the loads to be lifted up. It is a type of scissor lifter which has two or more scissor arms and it can also reach multi-stage depending on the application.

Dock Leveler is used for loading and unloading of goods in a loading bay area. Dock Leveler uses hydraulic cylinders to raise and lower the deck to ensure the height can be adjusted according to different heights of the trucks or trailers. Our Dock levelers are designed to improve efficiency to our customers and also reduce manpower usage for the loading and unloading of goods.



Aerial Work Platform

Aerial Work Platform are mobile elevated work platforms which are mainly used in the construction, maintenance, painting, electrical works and any industry which is required to work at height. Aerial Work Platform is also designed to be convenient as it provides safe and efficient access to elevated work areas that are otherwise difficult to reach using ladders or other manual methods.

Aerial work platforms typically have a maximum platform height and weight capacity, which vary depending on the specific model. Liftech Aerial Work Platform is equipped with safety features such as guardrails, emergency stop buttons, and safety harnesses to ensure the safety of workers using the platform.

- 1 Double Mast Aerial Work Platform
- 2 Single Mast Aerial Work Platform





Spare Parts/ Crane Accessories

Spare Parts Availability is an important aspect to our clients to continuously run their production, Liftech Group ensures that for every material handling equipment which we have supplied to you, we will ensure that the spare parts are available and can be easily ordered from us without the need to wait for a long period of time. We want to make sure that each and every one of our customers does not suffer a long downtime in their production, that is because we truly believe —

“CUSTOMER DOWNTIME IS ALSO OUR LOSS.”
And we will make sure this does not happen.

At Liftech Group, we also offer different choices of crane accessories/material handling equipment which allow our clients to operate their cranes more conveniently. We offer anything from remote controls to hooks which are customizable according to the product being lifted.

After Sales Services

Liftech Group of Companies

CONTACT US VIA E-MAIL:

sales@liftech.com.my | info@liftech.com.my

Liftech Group is an established group with many branches and subsidiaries located around Malaysia to provide and supply our clients with after sales and technical support services.

Our belief is "Customer satisfaction doesn't end with supplying you the cranes, it starts with the after-sales services". We will always be there to make sure your cranes are operating smoothly.



HEADQUARTERS & FACTORY

Liftech Engineering (KL) Sdn Bhd

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Scan the QR Code to
find out more information



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Liftech Website



Intertek



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ISO9001:2015 CERTIFIED