



NATIVE TECHNOLOGY

We Make The Complex Simple

Native Technology is a Manufacturer, Importer, Supplier & Distributor Organization of Lift/Elevator, Escalator & Spare Parts



Native Technology Offer a Wide Range of High-Quality Lift & Elevator All Over Bangladesh

Passenger Elevator Machine Room Less Elevator Panoramic Elevator Freight/Cargo Elevator Residential Home Elevator

Hospital/Bed Elevator Car/Automobile Elevator Shopping Mall Escalator Moving Walkway Auto Parking Lift Damb waiter Elevator

Service Lift/Elevator Elevator & Escalator Spare Parts Gearless Traction Machine Geared Traction Machine Escalator Traction Machine

Elevator Door Operator Elevator Speed Governor Elevator Oil Buffer Elevator Safety Gear Elevator Guide Shoe Sub-Station

Elevator Rope Fastening Car Operating Panel Elevator & Escalator Components Canopy Type Silent Diesel Generator

Elevator Door Lock Diesel Generator Set Hybrid Solar System Air Cooled Chiller Water Cooled Chiller

Turnkey HVAC Systems Multi VRF/VRV Air Conditioning Systems Split Type Air Conditioner



Ready To Accept Your Order





Profile

Native Technology is a renowned and reliable name in the Cooling, Heating and Lifting technology of Bangladesh. It successfully started its journey towards the industrial, commercial and Residential sector in 2016.

Here we provide total solution of Central Air Conditioning Systems (HVAC), Multi VRF / VRV Systems, Process Cooling Systems, **Hydraulic & Traction Lift/Elevator, Diesel Generator, Hybrid Solar System, Sub-Station**, Air in and out Ventilation Systems, Heat Exchanging Systems (PHE), Water Treatment Systems (ETP, WTP, Softener Plant & RO), Water Pumping & Distribution Systems including Pipe Lines and HVAC Duct Lines to all kind of Industrial, Commercial and Residential Sector in Bangladesh.



About

Native Technology is a local manufacturer of Lift/Elevator, Air-Cooled & Water-Cooled Chiller, Box type cross flow & bottle type counter flow Cooling Tower, Cooling Tower Accessories, Air Handling Unit (AHU), Fan Coil Unit (FCU), Softener & Water Treatment Plant (WTP), Exhaust Fan & Axial Blower Fan as well.

On the other hand, we also supplies imported Chiller, AHU, FCU, VRF Systems, Split AC, Cooling Tower & Cooling Tower Accessories, Pumping Systems, Roots Air Blower with Disc Type & Tube Type Diffusers, Plate Heat Exchanger & Accessories, **Hydraulic & Traction Lift/Elevator, Power Engine (Generator), Hybrid Solar System, Sub-Station** and much more Machineries & Equipment.

To help you select suitable and exact machineries as per your industrial, Commercial and Residential capacity, we have a pool of professionally experienced engineers and technicians to ensure you have not only the best but also the right products. Our expert team always stand next to provide all necessary services, installation work process, troubleshoots as and when required. Moreover, to assure you best services at 24/7, we attend all your queries and complains with utmost sincerity and great care.



Mission & Vision

At Native Technology, we believe that the true growth, success, and progress lie beyond balance sheets of conventional economic indices. It is best reflected in the difference that business and industry make to the lives of people.

We are committed to a steadfast policy of providing and improving a better sales and after sales service. This commitment to our community is to strive and implement programs and initiative measures to do whatever possible to protect our environment.

Contact Details

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BRANDS WE REPRESENT





Mechanisms of Elevators

Elevators are powered by different kinds of mechanisms. The most common five (5) models are:

(1) Traction Elevators: In this the cabin is moved using ropes that pass over a wheel powered by a motor which is housed in the machine room located above the elevator shaft. In order to limit the strain placed on the electric motor, a counter weight is used to exert an opposite force, making the lifting process more efficient. The advantages of this model lie in the speed and high capacity they offer.

(2) Machine Room (MR) Elevator: MR elevators need a machine room for the machinery that operates the elevator. The room is above or next to the hoist-way. It contains the motors, gears, and other mechanical components that power the elevator.

(3) Machine Room-less (MRL) Elevators: The MRL elevator has become a popular choice for low-rise to mid-rise buildings. Whilst the elevator still works on a traction mechanism, the machine room is replaced by an override space at the top of the shaft which houses the machinery. The advantages of this system include the creation of a more usable space, 80% less energy usage than hydraulic systems, and an oil-free operating system.

(4) Hydraulic Elevators: They use a piston mechanism to push the passenger cabin up and down in response to control buttons being pressed. The piston is powered by an electric motor which pumps hydraulic fluid into the piston as it ascends; the lift descends as the fluid is released. This tends to be used in low-rise buildings, as it has limited reach and can only operate at low speed.

(5) Pneumatic Elevators: This is powered by a vacuum placed above the passenger cabin and a valve positioned at the apex of the shaft. The valve is closed to pull the cab upwards, and opened to allow the cabin to descend. The vacuum pump turbine in round which determines the pneumatic elevator design, and the shaft is made of acrylic. This kind can only carry 1 - 3 passengers at a time.

NATIVE TECHNOLOGY

- **Manufacturer of full package lifts with the latest modern designs**
- **Manufacturer of Elevator Cabin/Car**
- **Manufacturer of doors**
- **Selling all spare parts and elevator parts**
- **Elevators for the special needs**
- **Competitive prices and accuracy in work & delivery**
- **Import from China, Japan and Europe countries**

Our Services

- **Business Consultancy**
- **Design, Supply, Installation, Commissioning**
- **Parts & Accessories are available in stock**
- **After sales & Service**
- **In time supply, Delivery & Installation**
- **Safer Installation Works**
- **Year long Operation & Maintenance**

Leadership

Binding **Commitment**
Uncompromising **Quality**
Highest **Longibility**
Ultimate **Honesty**
Market **Proficiency**

Features

Excellent **Performance**
Easy and **User Friendly**
Intelligent **Controlling**
Efficient **Operation**
Energy Saver



Diesel Generators

Also known as Diesel Genset, is the combination of a diesel engine with an electric generator (often an alternator) to generate electrical energy. This is a specific case of engine generator. A diesel compression-ignition engine is usually designed to run on diesel fuel, but some types are adopted for other liquid fuels or natural gas.

Excellent Reliability

Less Energy Loss

Advanced Design

Long Service Life

Intelligent Control

Low Noise



Open Diesel Generator Set



Canopy Type Silent Diesel Generator Set



If you are thinking about having a Lift or Generator installed, please call Native Technology and find out our range of full service Lift & Generator packages. Whatever, for a creative solution, call or e-mail us at your convenient time for a discussion regarding products, specifications, and installation services to satisfying your requirement.



Lift/Elevator & Accessories for Industrial, Commercial & Residential Use



Cabin Design-1



Cabin Design-2



Cabin Design-3



Cabin Design-4



PVC Floor Design



Carpet Floor Design



Landing Door Design-1



Landing Door Design-2



LOP Design



COP Design



Handrail Design-1



Handrail Design-2



Hospital Lift/Elevator



Cargo/Freight Lift/Elevator



Automobile/Car Lift/Elevator



Heavy duty Public Transport (Escalator)

👉 **We Customize the product as per your demand and requirement. All accessories are available in our ready stock.**



Available Spare Parts & Accessories For All Kind Of Lift/Elevator



Gearless Traction
Machine-Torindrive



Gearless Traction
Machine-Monadrive



Geared Traction
Machine-Primo



Geared Traction
Machine-Shunda



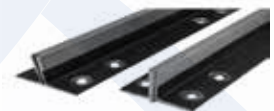
Elevator Door Header



Elevator Door Operator



Cast Iron Elevator
Counter Weight



Elevator Guide Rails



Automatic
Rescue Device (ARD)



Monarch Elevator Controller
Nice-3000 (Inverter)



Three Phase Elevator
Controller



Automatic Voltage
Stabilizer



Limit Switches



Hollow Guide Rails



Encoder



Hydraulic Buffer



Counter Weight Frame



Door Drive



Steel Wire Rope



Car Top Inspection Box



Speed Governor



Suspension Rod



Flat Traveling Cable



Intercom Set

 We Customize the product as per your demand and requirement. All accessories are available in our ready stock.

Shaft Measurement For Different Type of Lift/Elevator

Capacity		Rated Speed (M/S)	Clear Opening (DW X DH) MM	Car/Cabin Inside (CW X CD)	Hoistway Inside Dimention (HW X HD)	Machine Room Inside Dimention (MW X MD)
Rated Load (Kg)	Number of Passengers					

MR PASSENGER ELEVATOR

450	6	1.0,1.5,1.75	700 x 2100	1200 x 1050	1650 x 1700	2100 x 3050
630	8	1.0,1.5,1.75	800 x 2100	1400 x 1100	1830 x 1750	2300 x 3050
800	10	1.0,1.5,1.75	800 x 2100	1400 x 1350	1830 x 2000	2300 x 3350
1000	13	1.0,1.5,1.75	900 x 2100	1600 x 1500	2100 x 2150	2500 x 3500
1150	15	1.0,1.5,1.75	1000 x 2100	1800 x 1500	2300 x 2200	2500 x 3500
1250	16	1.0,1.5,1.75	1000 x 2100	1800 x 1600	2300 x 2300	2500 x 3650
1350	18	1.0,1.5,1.75	1000 x 2100	1800 x 1700	2350 x 2450	2800 x 3800
1600	20	1.0,1.5,1.75	1100 x 2100	2000 x 1750	2550 x 2550	3000 x 3900

MRL PASSENGER ELEVATOR

450	6	1.0,1.5,1.75	800 x 2100	1100 x 1150	1900 x 1550	MRL
630	8	1.0,1.5,1.75	800 x 2100	1100 x 1400	1900 x 1800	MRL
800	10	1.0,1.5,1.75	800 x 2100	1300 x 1450	2100 x 1900	MRL
1000	13	1.0,1.5,1.75	900 x 2100	1500 x 1600	2300 x 2100	MRL
1150	15	1.0,1.5,1.75	1000 x 2100	1500 x 1800	2400 x 2400	MRL
1250	16	1.0,1.5,1.75	1000 x 2100	1600 x 1800	2400 x 2400	MRL
1350	18	1.0,1.5,1.75	1000 x 2100	1700 x 1800	2600 x 2400	MRL
1600	20	1.0,1.5,1.75	1000 x 2100	1750 x 2000	2600 x 2700	MRL

HOSPITAL/BED ELEVATOR

1150	15	1.0,1.5,1.75	1000 x 2100	1100 x 2200	2300 x 2700	2800 x 4000
1250	16	1.0,1.5,1.75	1000 x 2100	1200 x 2200	2300 x 2700	2800 x 4000
1350	18	1.0,1.5,1.75	1000 x 2100	1300 x 2300	2400 x 2800	3000 x 4000
1600	21	1.0,1.5,1.75	1100 x 2100	1500 x 2300	2500 x 2800	3000 x 4000
1750	23	1.0,1.5,1.75	1100 x 2100	1600 x 2300	2600 x 2800	3000 x 4000
2000	27	1.0,1.5,1.75	1100 x 2100	1700 x 2300	2700 x 2800	3000 x 4000

FREIGHT/CARGO ELEVATOR

1000	-	0.5,1.0	1100 x 2100	1500 x 1800	2400 x 2200	2800 x 3800
2000	-	0.5,1.0	1500 x 2100	1800 x 2500	2700 x 2900	3000 x 4500
2000	-	0.5,1.0	1200 x 2100	1800 x 2500	2300 x 3400	3000 x 4500
3000	-	0.5	2000 x 2100	2100 x 3000	3500 x 3400	3800 x 4500
4000	-	0.25,0.5	2000 x 2100	2100 x 3800	3500 x 4200	3800 x 4500
5000	-	0.25,0.5	2400 x 2100	2500 x 3800	4000 x 4200	4200 x 4500

CAPSULE LIFT/ELEVATOR

Duty Load	No. Of Person	Cabin Size (mm)	Shaft size (mm)WXD	Door size (mm)	Clear opening for Door (mm) WXH
800 Kg	10	1200 x 1700	2100 x 2170	800 x 2100	950 x 2180
1000 Kg	13	1400 x 1800	2300 x 2370	900 x 2100	1050 x 2180

CAR/AUTOMOBILE LIFT

Duty Load	Speed (M/S)	Cabin Size (mm)	Shaft size (mm)WXD	Door size (mm)	Clear opening for Door (mm) WXH
3000 Kg	0.5	2500 x 6000	3900 x 6300	2400 x 2100	2600 x 2180
5000 Kg	0.25	3500 x 6000	4400 x 6300	2400 x 2100	2600 x 2180

PLAN OF OVERHEAD & PIT

Rated Speed (m/sec)	Overhead (mm) For MR	Pit (mm)	MR Height (mm)	Overhead (mm) for MRL
1.0	4500	1500	2400	4200
1.5	4600	1600	2400	4300
1.75	4800	1800	2500	4400
2.0	5000	2000	2600	4500

MOTOR KW For Speed 1.0 m/s

Capacity	450 kg	550 kg	630 kg	680 kg	800 kg	900 kg	1000 kg	1150 kg
Motor KW	4.1	4.1	4.1	4.5	6.4	6.7	6.7	7.7

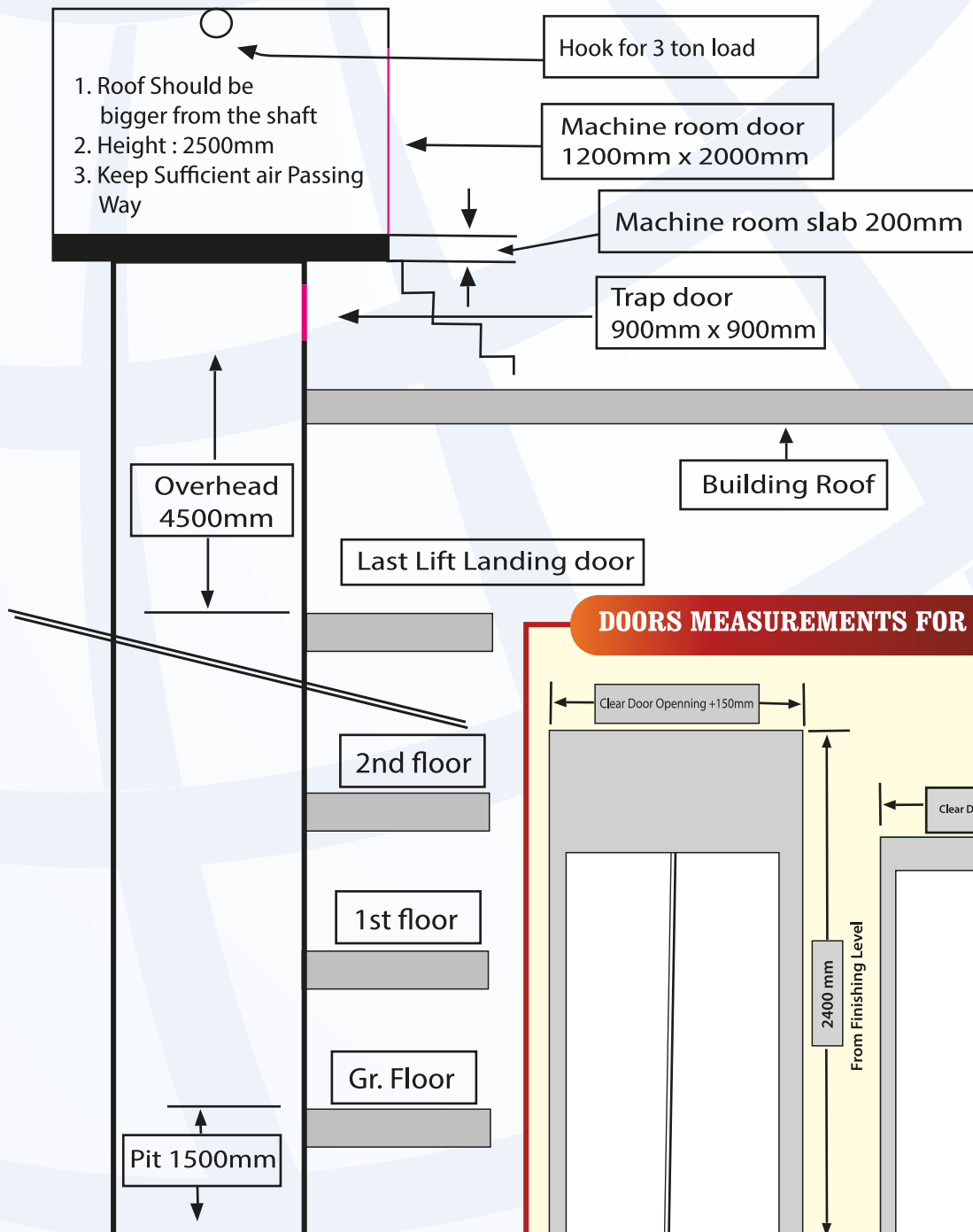
MOTOR KW For Speed 1.5 m/s

Capacity		550 kg	630 kg	680 kg	800 kg	900 kg	1000 kg	1150 kg
Motor KW		6.9	6.9	8.3	8.3	10	10	11.6

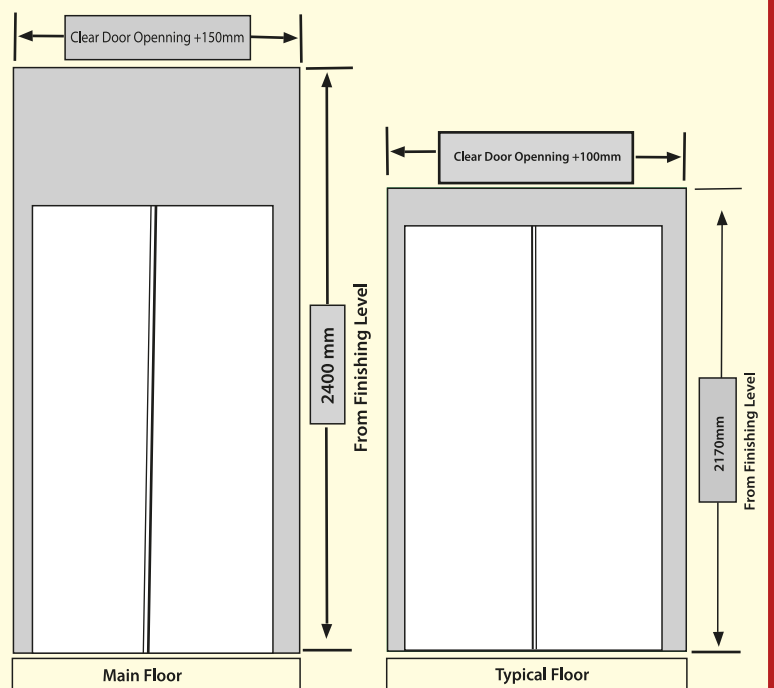
MOTOR KW For Speed 2.0 m/s

Capacity		550 kg	600 kg	680 kg	800 kg	900 kg	1000 kg	1150 kg
Motor KW		8.1	8.1	9.7	9.7	11.7	11.7	13.6

DIAGRAM



DOORS MEASUREMENTS FOR ALL SHAFTS





Passenger Lift



Cargo Lift



Hospital Lift



Capsule Lift



Automobile Lift



Escalator



Moving Walkway



Traction Machine



Hybrid Solar System



Canopy Type Diesel Generator



Sub-Station



COP/LOP

- Passenger Lift/Elevator
- Capsule Lift/Elevator
- Cargo/Freight Lift/Elevator
- Hospital/Bed Elevator
- Car/Automobile Elevator
- Home Lift/Elevator

- Service Lift/Elevator
- Escalator
- Residential Home Elevator
- Diesel Generator Set
- Hybrid Solar System
- Sub-Station

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Thanks For Being With Us