

GROUP COMPANIES

Associated Equipment Rentals Pvt. Ltd.

Asian Engineering Sales Corporation

JBX Logistic Solutions Pvt. Ltd.



# TOTAL HIRING SOLUTION



## Equipments available for hire



Hiring

Service

Solution

Fleet Mgmt

Used Fkt

Parts

[www.asiangrpindia.com](http://www.asiangrpindia.com)

## 5 Benefits of Hiring a Lift Truck versus Buying a Lift Truck



**Flexibility** - If your business is experiencing volatility, high growth or rapid change, the cost of purchasing a Lift Truck might be much greater than choosing rental option.



**Budgeted Maintenance** - Every machine needs maintenance and repair. Renting a Lift Truck on a full service program removes the risk of costly and unexpected maintenance repairs since it is in our scope.



**Cheaper Option** - Some businesses experience seasonal highs and lows or quarterly inventory counts. Rentals can be a better option when the business can plan for predictable seasonal needs.

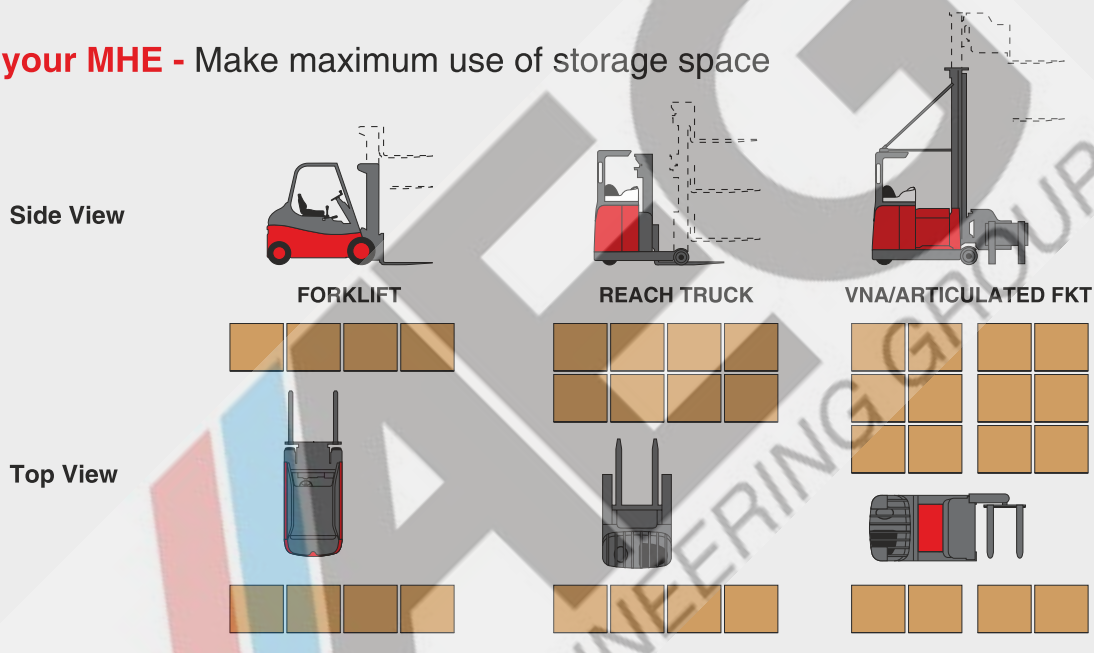


**Tax Advantages** - A Lift Truck rental might be considered an operational expense versus a capital expense. Using the expense to reduce taxable income can be simpler than depreciating a purchased asset. Leasing is a tax-deductible operational expense.

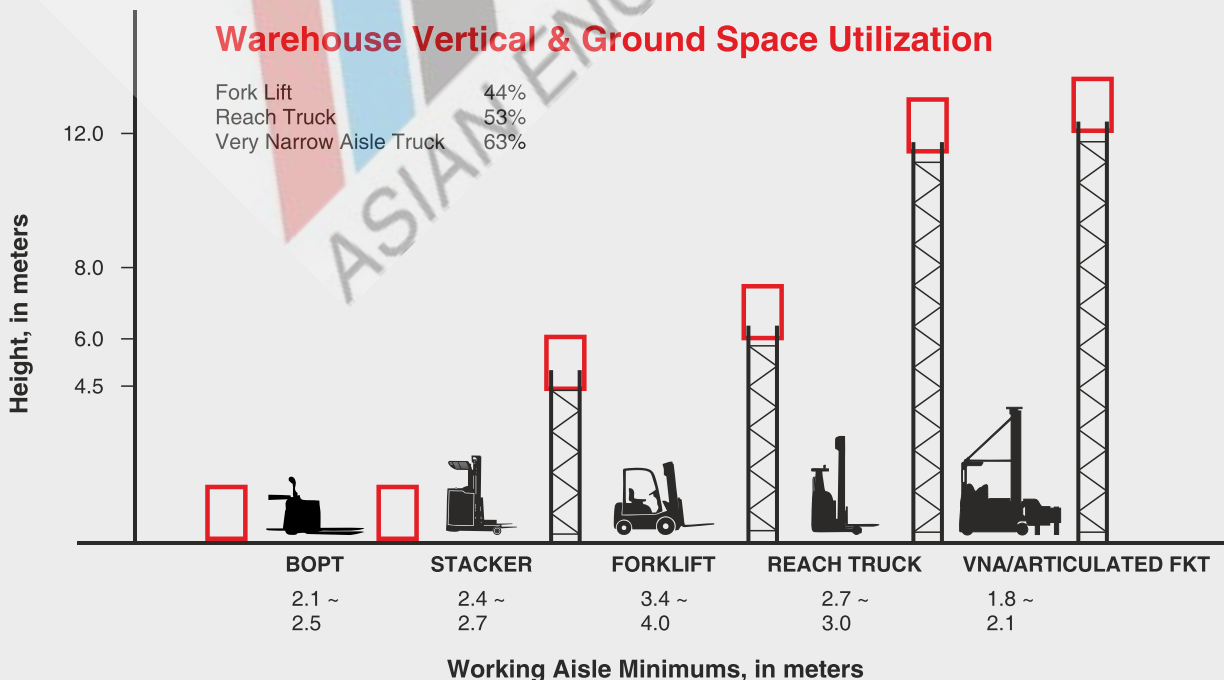


**Up to date** - Leasing offers immediate access to the most up-to-date Lift Truck equipment on the market, with lower payments. You may have a predictable pattern of equipment usage, but the type of equipment may not always remain the same. Leasing is the smartest option.

### Know your MHE - Make maximum use of storage space

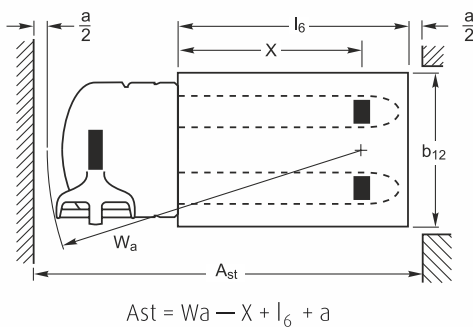


### Warehouse Vertical & Ground Space Utilization

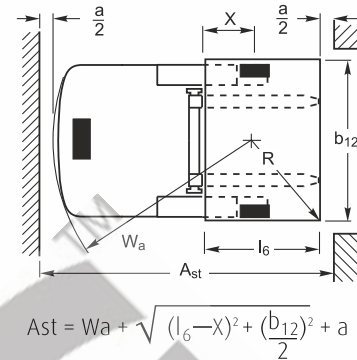


## How to calculate aisle width for 90° Stacking based on your MHE

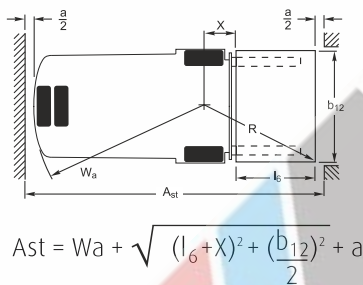
Pallet trucks (T) and low level order pickers (N)



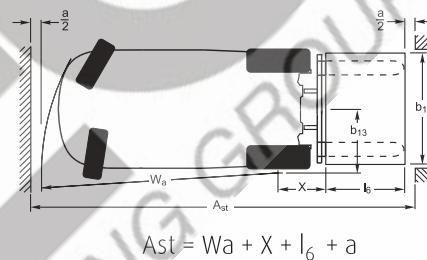
Pallet stackers (L) and reach trucks (R) - reach in



Counterbalance trucks (E) - three-wheeled, close coupled steer or combi axle, reach trucks (R) - reach out



Counterbalance trucks (E and H) - four-wheeled with standard load



Ast = 90° stacking aisle  
Wa = Turning radius

R = Load radius  
l<sub>6</sub> = Load length

b<sub>12</sub> = Load width  
b<sub>13</sub> = Min pivoting point distance

X = Axle centre to fork face  
a = Operating clearance (200mm)

## Capacities at alternative load centres

De-rating is the term used to describe the decrease in a truck's nominal capacity. This decrease could be due to a number of factors :

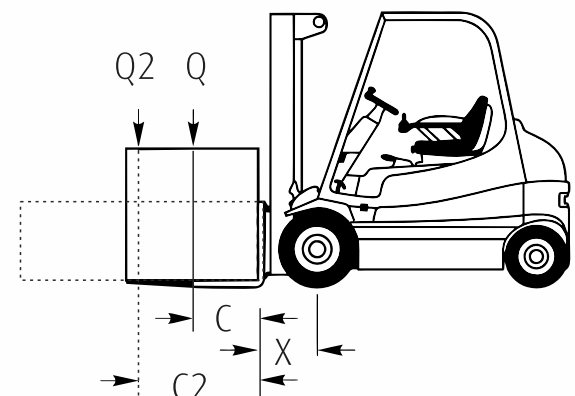
- the lift height (the higher the lift, the greater the de-rating)
- the load centre (the deeper the load centre, the greater the de-rating)
- any attachments fitted (typically, the fitting of any attachment de-rates a truck)

When longer loads are to be handled, the calculation shown below may be used as a guide only for truck capacity at alternative load centres.

Q = nom. rated capacity (load weight)\*  
C = rated load centre  
C2 = new load centre  
Q2 = new residual capacity  
X = axle centre to fork face

$$Q2 = \frac{Q \times (X + C)}{(X + C2)}$$

Rated capacity is reduced as the load centre is increased.



**NOTE:** Above information offered as a rough guide only. When designing a warehouse or pallet rack layout, check with the lift truck manufacturer or CALL US for the engineered right angle stacking aisle requirement to avoid expensive errors.



## Equipments available for hire



### Pallet Truck

- Manual and Electric up to 2.5 Ton capacity

### Electric Stacker

- Up to 4.5 mtr height



### Diesel and Electric Powered Forklifts

- Capacity from 0.5 Ton - 12 Ton
- Special Attachments - Appliance Clamp, Paper Roll Clamp, Bale Clamp, Slip Sheet available



### Reach Trucks and Articulated Forklifts for Narrow Aisle

- Height up to 12 mtrs.
- Man-Up version also available



### Diesel and Electric Powered Manlifts / Aerial Work Platforms

- Height up to 26 mtrs.



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