

# AEPL

for MHE & Hydraulic



AEPL with a background of three decades in Hydraulics and MHE, brings to you dependable and wide range of material handling equipment most suitable for the manufacturing and service industry, affordable to the medium & small enterprises, large companies, ware housing and other hospitality companies. Use of material handling equipment ensures optimal Safety, Efficiency and Productivity. Besides equipment with standard designs and different models, AEPL offers customized products to meet specific end applications to the total satisfaction of our esteemed customers.

# AGUATECH

## ENGINEERS PVT LTD

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AEPL offers design, engineering, sales and support to customers from our facility in Wagholi, Pune, India. We are dedicated to integrating superior quality into every component while providing you with the best pre and post service in the industry.

#### ✓ QUICK UP-FRONT INFORMATION

We strive to keep you updated with latest in MHE and industry news. We together with product specifications, can convey options, pricing, and freight estimates while you consider order.

#### ✓ PRE & POST SUPPORT

We make it a point to ensure complete understanding of correct requirement with respect to the intended end application by visiting or via a detailed Q&A session besides drawings etc. This ensures minimal chance of any errors & omissions leading to loss of precious time and money.

#### ✓ REPAIRS & MAINTENANCE OF YOUR MHE

We value your resources and hence undertake repairs and maintenance of in-use or unused equipment after a proper survey and an estimate of expenses to make this old equipment serviceable again.

#### WARRANTEE

- ✓ AEPL commitment to total customer service and support continues after the sale of our products with a warrantee period from six to twelve months depending upon product against defective parts and workmanship.

#### ✓ SHORT RESPONSE TIME

We believe in quick response to your inquiries, be it through email, telephone, in person and even through WhatsApp! We value your time and resources.

#### ✓ CUSTOM EQUIPMENT

We are aware that many customers may prefer customized equipment to meet their specific need. We gather all the required information and strive to offer an optimal solution for a win-win situation.

#### ✓ TRAINING

Our after-sales and applications team ensures suitable training is provided to your relevant staff during commissioning and installation period with respect to predictive, preventive & breakdown maintenance besides operational aspects.

#### SOCIAL RESPONSIBILITY

- ✓ As a company, we sincerely believe in giving back to the Society at large and hence at every stage of our operations we try to preserve/save environment as also help out the needy on a regular basis.

## HAND PALLET TRUCKS

Basic models using integrated hydraulics to manually pump and lift the forks (load) and manually transport (push/pull) the pallet truck. The manual pallet truck is operated via a handle that lifts and lowers the fork. We can offer a variety of models in this type as per the chart below. Our hand pallet trucks use the best of the steel, hydraulic parts and wheels etc. to provide a trouble-free operation and a long life with just change of wheels and seals due to normal wear & tear.

### PALLET TRUCKS

A pallet truck (also known as a pump truck or pallet jack) is a wheeled trolley designed to lift and transport pallets. The truck's tapered forks slot underneath the pallet and the pump handle can then be used to raise and lower the load. Pallet trucks represent cost-effective aids for loading and transporting pallets on level surfaces.



Model	Type	Capacity (Kg)	Fork Length (mm)	Fork over width(mm)	Lift Height (mm)
AHPT 2.5	Standard	2500	1150 / 1220	550 / 685	190
AHPT 3.0		3000			
AHPT 3.5		3500			
AHPT 5.0		5000			
AHPT 2.5 SS	Stainless Steel	2500			
AHPT 2.5 LF	Long Fork	2500	2000	550 / 685	
ARPT 1.0	Reel Carrier	1000	1200	Dia. 700-1200	115
ARPT 1.5		1800	1800	Dia. 800 -1400	
AHL 1.0	High Lift	1000	1150	550 / 685	800

### SCISSOR LIFT TABLES-MOBILE

AEPL Scissor Lift Tables (ASF) vertically position materials at comfortable heights for improved ergonomics and productivity. These Self-Levelling Mobile Lift Tables keeps workloads at a comfortable height continuously during loading and unloading. Provide adequate safety to workers and increase productivity due to its ergonomic, time-saving and operator friendly features. These tables have an adjustable spring tension with foot operated lifting and hand release lever for quick and easy adjustments. As workers load or unload, the table can be adjusted to stay at the same desired, ergonomic height. Optional alternate table tops can increase efficiency even more. Four PU casters — two swivelling and two rigids — allow operator to manoeuvre the lift table wherever required on the shop floor. The swivel casters are equipped with reliable brakes to secure. Customization can be considered within the design limitations.



### SCISSOR LIFT TABLES

By using lift tables, your operation can reduce physical fatigue and significantly improve productivity. Select most appropriate type and model with our help to limit workplace injuries by eliminating the need for heavy physical lifting, resulting in a quick return on investment. Proudly state that all our Lift Table customers are happy and consider us for repeat buying.

Model	Capacity (Kg)	Platform Size (mm)	Min Height (mm)	Max Height (mm)
ASPS150	150	740 x 450	225	740/1100
ASPS350	350	910 x 500	350	1300
ASPS500	500	815 x 500	280	900
ASPS800	800	1220 x 610	475	1500
ASP1000	1000	1015 x 515	380	1000
ASP1500	1500	1220 x 610	420	1000

## SCISSOR LIFT TABLES-POWERED

AEPL Scissor Lift Tables (ADG) reduce employee injuries by positioning work at a comfortable and ergonomic height to eliminate unnecessary bending, lifting, and other repetitive motions. The Powered Mobile Lift Table effortlessly repositions work with the press of a button. Its two swivel-with-brake and two rigid casters allows to travel anywhere it's needed. Depending upon lift height, these models come with Single or Double Scissor pair with load capacity range from 300kg to 500kg, lift height from 900mm to 1320mm and different platform dimensions. Customization can be considered within the design limitations.



Model	Type	Capacity (Kg)	Platform Size (mm)	Min Height (mm)	Max Height (mm)
ADP30	Mobile	300	815 x 500 x 50	300	900
ADP35		350	910 x 500 x 56	405	1320
ADP50		500	815 x 500 x 50	300	900



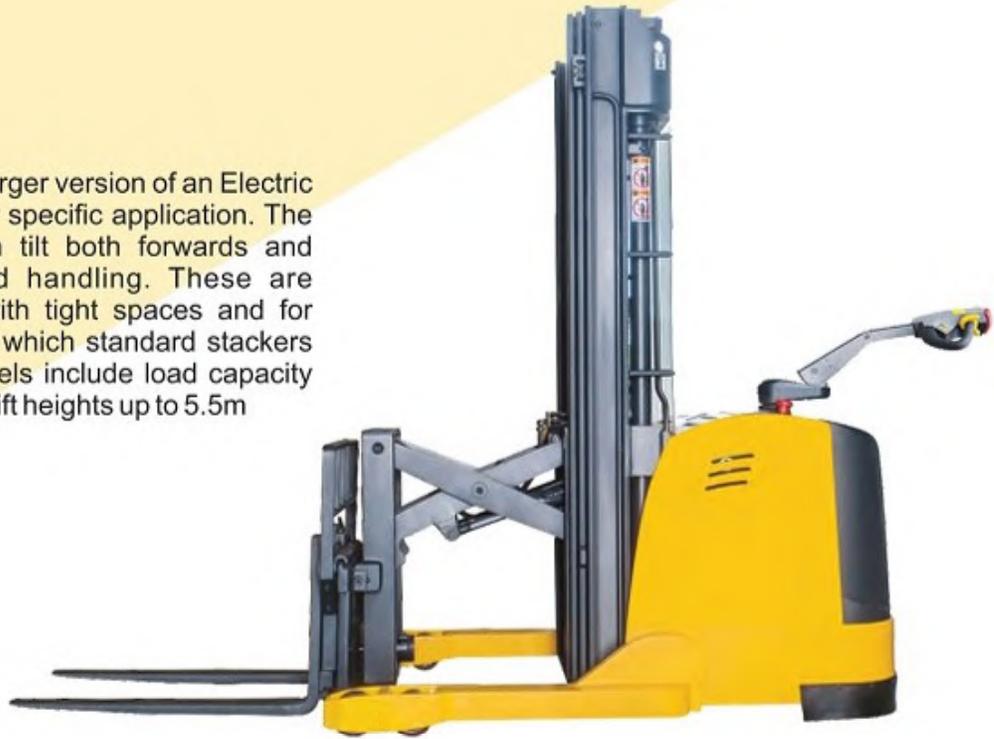
## MANUAL STACKERS

Manual Stackers are the most commonly used equipment in a workshop, warehouse or factory and most economical way of providing highest safety and most efficient ways of lifting and stacking of material - be it palletized or non-palletized. It is designed to lift and transport pallets and is ideal for unloading trucks in facilities without loading docks. A walkie stacker or pedestrian walk-behind stacker is like a normal hand pallet truck with a mast for lifting pallets to heights. AEPL has a wide range of this extremely useful and versatile equipment. Customization like providing MS or SS platform, Roller platform etc. can be offered as per end application.

Model	Type	Capacity (Kg)	Fork Length (mm)	Lift Height (mm)
AMS 1.0	Fixed Fork/ Adjustable Fork, Straddle Legs	1000	1000	1600 / 3000
AMS 1.5		1500		1600 / 2000
AMS 2.0		2000		1600 / 3000
AMS 1.5 S		1500		1600 / 3000

## ELECTRIC REACH STACKERS

This can be termed as the larger version of an Electric Stacker and is designed for specific application. The electric reach stacker can tilt both forwards and backwards for safer load handling. These are generally used in areas with tight spaces and for special palletized loads for which standard stackers are not suitable. The models include load capacity from 1000kg to 2000kg and lift heights up to 5.5m



Model	Type	Load Capacity, Kg	Fork Reach Distance (mm)		Fork Length (mm)	Max Lift Height, (mm)
			Single Scissors	Double Scissors		
AERS 1.0	Adjustable Forks	1000	500	1200	1070	2500 – 5500
AERS 1.5		1500				
AERS 2.0		2000				

## REACH LIFT TRUCKS

This is again the larger version of an Electric Reach Stacker and is designed to work in narrow aisles. The electric reach stacker can tilt both forwards and backwards for safer load handling. These are generally used in warehouses which need efficient and safe equipment for use in narrow aisles to load and unload palletized material from heights up to 12m. The equipment has provision for camera and screen to guide the operator to carryout loading and unloading operations smoothly and safely. For convenience, the battery can be removed from the side of the electric reach stacker, making it very convenient to replace and maintain batteries.

Model	Type	Load Capacity, Kg	Fork Length (mm)	Max Lift Height, (mm)
AERT 1.0	Adjustable Forks	1000	1070	3000 – 9500
AERT 1.5		1500		
AERT 2.0		2000		



**NOTE :** Single/Double Scissor reach available as option in certain models.

## ELECTRIC FORK REACH TRUCKS

Electric Forklift Trucks are used where Stackers and Reach Trucks cannot be used i.e. for lifting, lowering, transporting of generally heavy palletized loads for primarily indoor use in factories and warehouses. Electric forklifts run on a battery that serves as both the counterweight to stabilize the equipment while in use as well as the power source. In addition, the battery aids to protect the environment with quiet, lower-emission operation and rechargeable capabilities. If your application requires indoor use and fumes or noise are a factor, then an electric forklift may be your right choice.



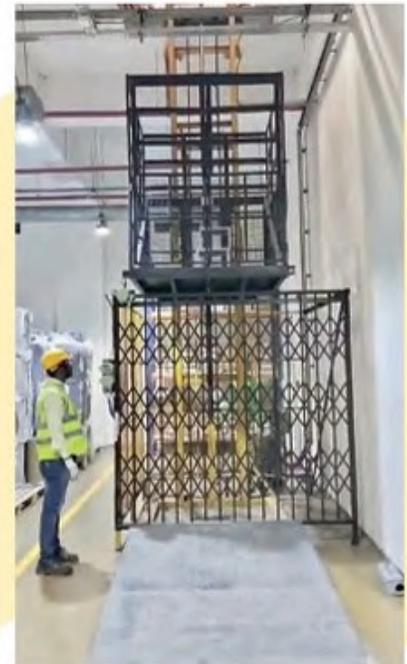
Model	Type	Load Capacity, Kg	Fork Size (mm)	Lift Height (range), (mm)
AEFRT1.0	Single / Double Scissor Reach	1000	40x120x1070	3000 – 6500
AEFRT1.5		1500		3000 – 9000
AEFRT2.0		2000		3000 – 12000



## ELECTRIC FORKLIFT TRUCKS

Electric Forklift Trucks are used where Stackers and Reach Trucks cannot be used i.e. for lifting, lowering, transporting of generally heavy palletized loads for primarily indoor use in factories and warehouses. Electric forklifts run on a battery that serves as both the counterweight to stabilize the equipment while in use as well as the power source. In addition, the battery aids to protect the environment with quiet, lower-emission operation and rechargeable capabilities. If your application requires indoor use and fumes or noise are a factor, then an electric forklift may be your right choice.

Model	Type	Load Capacity, Kg	Fork Size (mm)	Max Lift Height, (mm)
AFB2.0	Lifting and Driving AC synchronised motors	2000	Standard	2500 - 6000
AFB2.5		2500		
AFB3.0		3000		
AFB3.5		3500		
AFB4.5		4500		
AFB5.0		5000		



## GOODS LIFTS

Goods or Cargo or Luggage lifts are basically used in industry shop floors for safe, secure, convenient and fast methods to transport loads from basements, ground floors to upper floors and vice versa. We have designed and supplied various types of goods lifts viz Scissor platform, Electro-hydraulic Single & Multi-mast chain-pulley and Vertically Reciprocating Conveyor etc. There are no standard specifications as almost all such goods lifts are customized with different specifications as per customer requirement and site/location of installation. The general load capacity is 500kg to 2000kg with lift height in the range of 3m to 12m with varied platform size.

Model	Type	Load Capacity, Kg	Platform Size, LxW (mm)	Max Lift Height, (m)
AGLSM	Single Mast	500 – 2000	1500 x 1500 max	12 max
AGLDM	Double Mast	500 - 3000	3000 x 3000 max	
AGLSL	Scissor Lift	500 - 3000	5000 x 3000 max	9 max



### LOADING/UNLOADING PLATFORMS OR DOCKS

A loading/unloading dock is typically an elevated opening (or openings) in a building's sidewall where shipments are sorted and staged for loading and unloading of trailers, shipping containers or rail cars. To make that area more accessible and safer during the movement of goods, loading dock equipment and attachments are used. A dock or loading bay is an area of a building where goods vehicles (usually road) are loaded and unloaded. They are commonly found on commercial and industrial buildings, and warehouses in particular for safe, easy and fast operations. This equipment are Hydraulic Dock Levellers and Scissor Lift Platforms with load capacity in the range of 2000kg to 10000kg. Customization is possible within the design parameters.

Dock Leveller				
Model	Capacity (Kg)	Platform Size (mm)	Down Travel (mm)	Up Travel (mm)
ADL...	6000-16000	2500 x 2000	220	600
		2700 x 2130		

**NOTE :** Customization possible.

Mobile Dock Ramp				
Model	Capacity (Kg)	Platform Size (mm)	Up-Down Travel (mm)	Total Length (mm)
AMDR...	6000 – 12000	3000 x 2100	1000 to 1600	12000

Scissor Lift Platforms					
Model	Capacity (Kg)	Type	Standard Platform Size (mm)	Min Height (mm)	Lift Height (mm)
ASL...	Up to 20000	Floor Mounted/ Pit Mounted/ Mobile	2500 x 2000 3000 x 2000	600 (Unless floor Mounted/Mobile)	1600 to 2000

**NOTE :** Customization possible.

## HIGH LIFT MAINTENANCE PLATFORMS

These are perhaps a revolutionary kind of equipment to be designed which almost replaced the conventional ladders which have their own limitations with respect to height, load capacity and most of all stability and safety of operators and workmen and workwomen. There are multiple options available in this equipment: Scissor lift types with platform height up to 18m for indoor and outdoor use, Aerial Work Platforms – single and multi-mast types with maximum platform height up to 22m.



Model	Type	Capacity (Kg)	Platform Height (mtr)	Working Height (mtr)
<b>Scissor Lift:</b>				
ALT	Towable (AC Operated)	300 / 500	6/8/10/12/14/16	8/10/12/14/16/18
ALX	Traction ( DC Operated)	300 / 500		
ASPSL	Self-Propelled (DC – Joystick operated)	300	6/8/10/12	8/10/12/14
<b>Aerial Work Platform:</b>				
AWP SM	Single Mast – AC Operated	125 to 150	6/8/10	8/10/12
	Single Mast – DC Operated			
AWP DM	Double Mast – AC Operated	200 to 300	6/8/10/12/14	8/10/12/14/16
	Double Mast – DC Operated			
AWP MM	Multiple Mast – AC/DC Operated	100	18/20/22	20/22/24



**Servicing & Repairs of  
MHE and Hydraulic Equipment**  
AEPL, with its hands on experience and trained manpower, undertakes servicing & repairs/reconditioning of in use and out of use material handling equipment, overhead work platforms and other hydraulic equipment as a part of its social responsibility to save precious resources and protect our environment for the future generations.

## DRUM HANDLING EQUIPMENT

As the name indicates, most establishments have to handle drums/barrels of different sizes and materials on daily and/or regular basis. The hitherto method of manual handling has been done away with as it causes damage to the drum, risk of any accident, spillage of contents etc besides the time involved! There are manually operated equipment available for different applications like Drum Stackers, Drum Shifters and accessories like Single/Double Drum Grabs as attachments to forklift trucks and/or Stackers. These drums/barrels could be of MS and Plastic material:

### A) DRUM/BARREL STACKER-CUM-TILTER :

Model	Type	Load Capacity, Kg	Drum Size max, H*D (mm)	Lift Height, (mm)
ADSCT1.4	Manual	350	900*580	1400
ADSCT1.6				1600
ADSCT2.5				2200

NOTE : Semi-electric type can be offered.



### B) DRUM/BARREL SHIFTER:

Model	Type	Load Capacity, Kg	Drum Size max, H*D (mm)	Lift Height (range), (mm)
ABL2	Floor	300	900*580	Up to 400
ABL3	Pallet	450		



### A) DRUM/BARREL GRAB:

Model	Type	Load Capacity, Kg	Drum Size max, H*D (mm)	Attachment to
ADG1	Manual	300	900*580	Forklift truck / Stacker
ADG2		600		

## LIFTING CRANES

A crane is a type of machine, generally equipped with a hoist rope, wire ropes or chains, and sheaves, that can be used both to lift and lower materials and to move them horizontally. We can offer various kinds of lifting cranes as under.

### SHOP-FLOOR CRANES

A hydraulic floor crane, also known as a shop crane or engine hoist, is a powerful lifting device designed to handle heavy loads in a wide range of industrial applications.



Model	Capacity, Kg	Min. hook height, mm	Max. hook height, mm	Max Capacity @ max height, Kg	Boom length, mm	Lifting by	Self-weight, Kg
VXFC31001	1000	50	2200	250	1305-1605	Manual by hand	85
VXFC32001	2000		2400	500	1430-1730		95

Mobile, Fixed structure, Heavy duty:

Model	Capacity, Kg	Min. hook height, mm	Max. hook height, mm	Max Capacity @ max height, Kg	Boom length, mm	Lifting by	Self-weight, Kg
AFC1	1000	350	2700	250	1545-1945	Manual by hand*	85
AFC2	2000			500			95

\* Electric lifting possible.



### JIB CRANE

Jib crane is frequently used in smaller work cell areas for unique and repetitive lifting tasks. Jib cranes are exceptionally adaptable and can be paired with overhead bridge cranes to maximize production. They also occupy low floor space. At AEPL we can offer a range of 250 kg to 5000 kg lifts.

**GANTRY CRANE**

A gantry crane is typically used for outdoor applications or for lifting capability below existing overhead bridge crane systems. Gantry cranes are often used in manufacturing facilities, shipyards, scrap yards, railyards, special construction sites, steel mills, and other applications. At AEPL we can offer a range of 250 kg to 5000 kg lifts.

**EOT  
CRANE**

Electric overhead traveling cranes or EOT cranes are a common type of overhead crane, also called bridge cranes. They consist of parallel runways, much akin to rails of a railroad, with a traveling bridge spanning the gap. EOT cranes are specifically powered by electricity. At AEPL we can offer a range of 1000 kg to 10000 kg lifts.

**XY-RAIL CRANE**

XY type Rail Systems are proven and efficient solution for variety of overhead material handling requirement for auto sector and various engineering industries. RAIL Systems are used for handling & assembly of heavy material in three-dimensional work space. At AEPL we can offer a range of 250 kg to 2000 kg lifts.



## STAKON BRAND OF MATERIAL HANDLING EQUIPMENT

Stakon is the brand introduced in 2013 by JREW Engineering Ltd, established in 1973 providing high quality engineering solutions to the OEMs in Construction Equipment, Material Handling, Agricultural Machinery and Railways.

### SEMI ELECTRIC STACKERS

These hydraulic stackers are most extensively used in various industries and by using this effective Semi Electric Hydraulic Stacker users can enhance production process, provide effective utilization of manpower, increase production, and improve system flexibility. These are powered by a 12V or 24V battery to lift and lower loads with the lateral or horizontal movement being manual and most favoured by the small, medium, and large industries alike for its user-friendly designs. AEPL offers a wide range in the type. Customization is possible within the design limitation.



Model	Type	Capacity (kg)	Fork Length (mm)	Lift Height (mm)
SE1500D	Fixed Legs, Fixed Forks	1500	1000/1200	2200 - 3800
SE1500M				1700



### ELECTRIC STACKERS

An electric stacker, is a power propelled equipment for lifting and loading pallets. Primarily, a stacker is used for lifting and stacking of loads or to store pallets on a shelf at high level. ... The electric stacker is a motorised tool for lifting and loading pallets. The electric stacker can move in two directions horizontally and vertically and come in walkie type or with a foldable operator platform type.

Model	Type	Load Capacity, Kg	Fork Length (mm)	Max Lift Height, (mm)
CE1500D	Walkey Type, Fixed Forks, Fixed Legs	1500	1000	3500-3800
FE1500D	Fixed/Adjustable Forks, Fixed/Straddle Legs	1500	1160	2200-3600
FE1500T				4500-6300*
FE2000T				2200-3600

\* Side Stabilizer available \* Economy model available

**ECONOMY MODEL :****SEMI-ELECTRIC & FULL ELECTRIC PALLET TRUCKS**

Semi-electric pallet truck can help to reduce operator strain caused by pulling or pushing loads on a manual hand pallet jack. The powered truck has both, travel and lifting battery operated with a provision to switch over to manual operation using a lever. The below chart indicates the range which AEPL offers:



Model	Capacity	Fork Length	Fork Width	Lift Height
SEHP-1500	1500 Kg	1160	560	150
EEHR-1500				
EEHR-2000	2000 Kg	1160	560	150

**ELECTRIC PALLET TRUCKS**

An electric pallet truck, also known as a powered pallet truck, is a motorised tool used for lifting and moving pallets. It is mostly found in factory shop floors and warehouses for moving goods within the confines of the factories, warehouse, and large department stores. Depending on the design, some powered pallet trucks have the platform that let user stand while moving pallets (ride-on pallet trucks) and some are walkie types where the operator walks the motorized truck or pedestrian walk-behind trucks. Our range of electric pallet trucks is as per below chart:

Model	Capacity	Fork Length	Fork Width	Lift Height
EPT2000	1500 Kg	1160	560 / 660	160
EPT2500	2500 KG			250*

\* Customizable

**Electric Tow Trucks**

Tow truck is used for towing the trollies in the industry and we manufacturing 3000 kg load carrying. It is ideal for use in inner plate transportation, factories, warehouses, railway, workshop, airports, and large processing plants. These industrial tow trucks are available with an AC drive.



Model	Capacity	Overall Length	Overall Width	Towing Height
TT-30	2000 Kg	1240	920	118/190

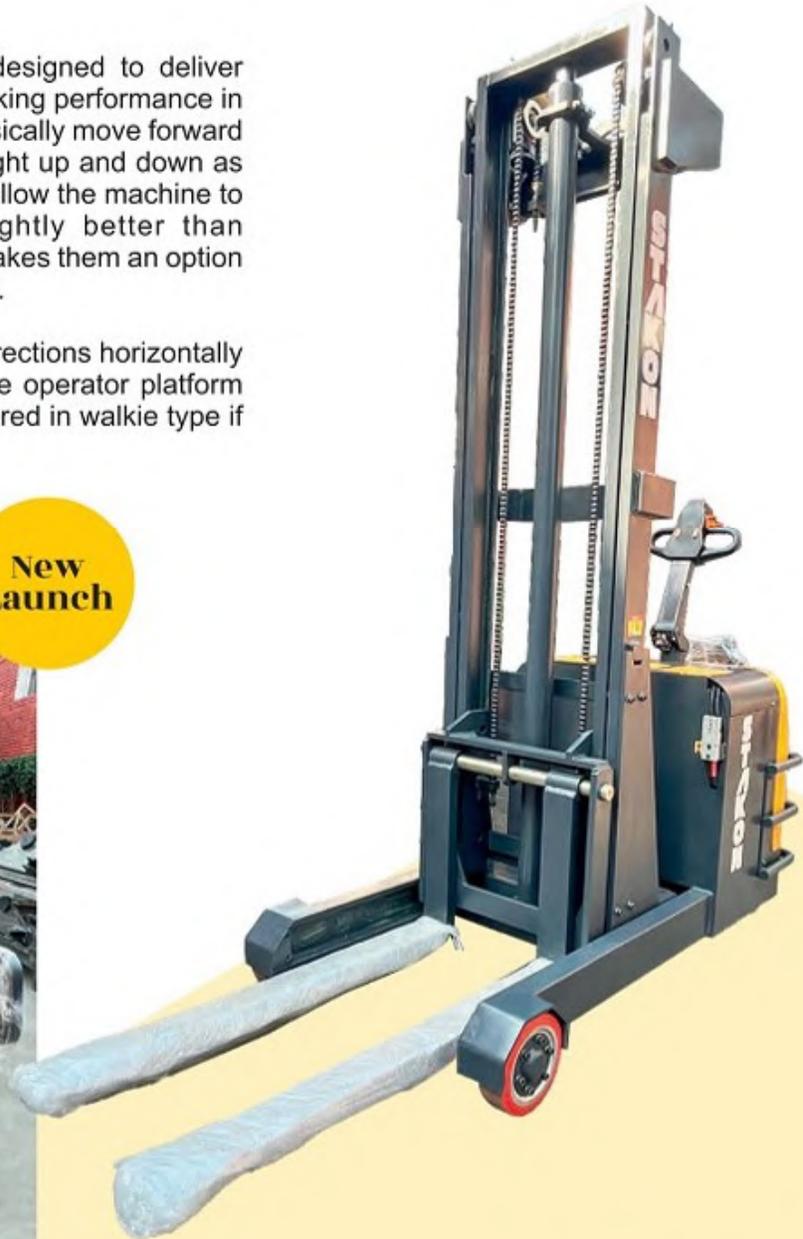
Note : Customization is possible within design limits in case required.

## ELECTRIC REACH STACKERS

Electric Reach Stackers have been designed to deliver some of the most stable lifting and stacking performance in warehouses. Reach stacker masts physically move forward to the front wheels keeping loads straight up and down as much as possible. Larger wheels also allow the machine to manage bumps and obstacles slightly better than comparable straddle stackers, which makes them an option to consider for unloading truck deliveries.

The electric stacker can move in two directions horizontally and vertically and come with a foldable operator platform type. However, the stacker can be offered in walkie type if customer so desires.

New  
Launch



Model	Type	Reach Distance, mm	Load Capacity, Kg	Fork Length (mm)	Max Lift Height, (mm)
RE1236D-N	Adjustable Fork Width, Mast movement, Operator platform type, Operator Safety Side Guards. Option: Walkie Type	550	1500	1200	2200-3600



## LOW PROFILE SCISSOR LIFT PLATFORM

The low-profile electric/hydraulic scissor lift table loads and unloads skids with a pallet truck without the need for a pit when using the optional approach ramp. The superior engineering features rugged durability with safety features that include an electric perimeter pinch point guard, emergency stop velocity fuse in cylinders, separate control unit with foot operated up-down movement and provision for maintenance supports. All standard units are equipped with a 440V, 3-phase power supply.



- Loads and unloads skids without the need for a pit
- Features entry-side electric toe guard to protect pinch points
- Includes velocity fuse to maintain platform height
- Plastic cover protects motor from dust and debris

Model	Description	Load Capacity, Kg	Lowest height, mm	Max height, mm	Table Dimensions, mm
ETL1001	MS powder coated, high quality finish with safety edge guards, high strength, long life, and smooth operation	1000	85	860	1600 x 1140
ETL1002		1500	105	870	1600 x 1000
ETL1003		2000	105	870	1600 x 1200

## OVERVIEW

Being among the top 3 largest manufacturers of Mobile Elevating Work Platforms (MEWPs), DINGLI offers a range of premium, safe & efficient machines.

DINGLI India also represents ALTEC-TEUPEN in India, a renowned brand in the spider lift category. As a pioneering force & a leader in the Mobile Aerial Work Platform industry, we take pride in delivering cutting-edge technologies and reliable equipment to empower businesses across diverse sectors.

Having an established R&D facility in Italy & USA, we bring world-class products to India & other countries in the SAARC region. With a rich legacy of expertise and a forward-thinking approach, DINGLI India stands as a symbol of reliability and trust.

We believe in fostering long-term partnerships with all our customers, ensuring that their evolving needs are not just met but exceeded. Explore a world of possibilities with DINGLI India – where every elevation is a step toward success!



## WIDE RANGE OF MEWPs



# AEPL

for MHE & Hydraulic



# AEPL

for MHE & Hydraulic



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