

ATLAS



La force habile

HandPalletTruck Manual & Semi-Electric Stacker Industrial Equipment

YOUR INTEGRATED LOGISTICS

SOLUTION PROVIDER



ATLAS

INTELLIGENT EQUIPMENT CO.,LTD

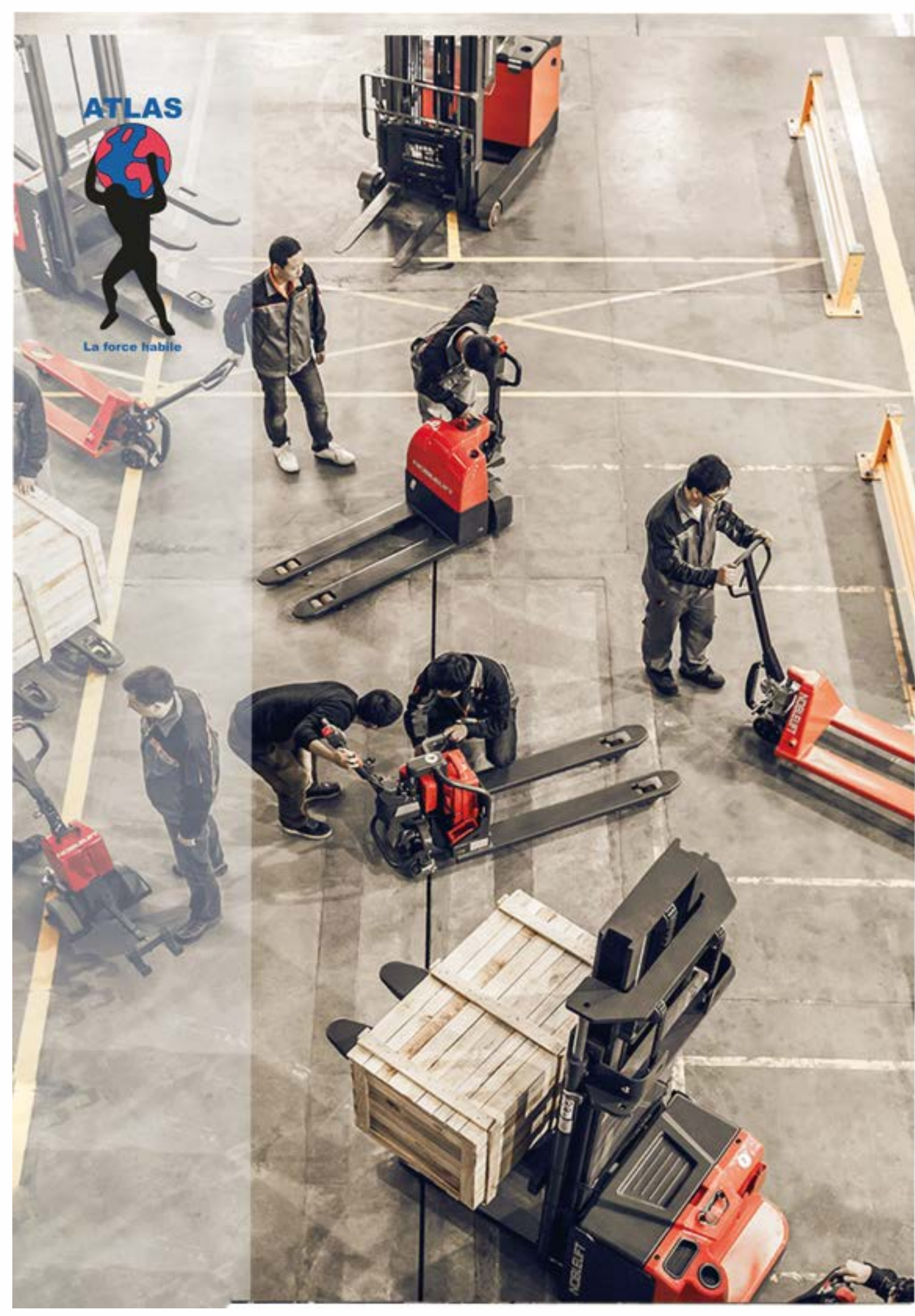
ISO9001 / ISO14001



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PRODUCT INDEX

HandPalletTruck P01-34



Manual&Semi-Electric Stacker P35-56



Industrial Equipment P57-82



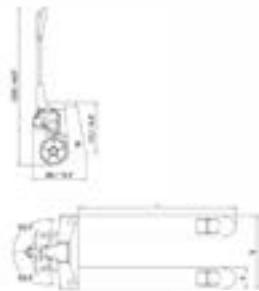


TOP QUALITY PALLET TRUCK

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Hand pallet truck				1KG=2.2LB 1INCH=25.4MM			
Item/Type		AC20		AC25		AC30	
Capacity Q	kg	2000		2500		3000	
Min. fork height h	mm	85	75	85	75	85	75
Max. fork height h ₁	mm	200	190	200	190	200	190
Steering wheel	mm	Ø200x50	Ø180x50	Ø200x50	Ø180x50	Ø200x50	Ø180x50
Load roller Single	mm	Ø80x93	Ø74x93	Ø80x93	Ø74x93	Ø80x93	Ø74x93
Load roller Tandem	mm	Ø80x70	Ø74x70	Ø80x70	Ø74x70	Ø80x70	Ø74x70
Size of fork e*s	mm	160x50				160x60	
Width overall forks B	mm	450/520/540/685					
Fork length l	mm	800/900/1000/1100/1150/1220					



Tandem fork rollers



- Option of single and tandem fork rollers
- Additional entry and exit fork rollers guarantees for maximum stability and safety for transporting goods on slopes.



- Excellent galvanized whole casting hydraulic pump, robust and durable, with fine control of lowering speed and overload valve, low routine maintenance.

- Ergonomically designed handle with comfortable rubber grip allows the optimized safety as well as comfortable. Three position operational handle lever for lifting, transporting and lowering purposes
- Lower Position—to lower load, pull up on the finger tip control
- Neutral Position—to place finger tip control in this position during pulling the truck or load
- Lift Position—to raise load, push down on finger tip control, pump handle to raise the load



Hand Pallet Truck



- Option of different coating material for both steering wheel and fork rollers
- Polyurethane—ideal for delicate floors with hard wearing and non-marking property, quiet and durable
- Nylon—low drag efforts, high resistance to chemicals, non-marking, preferred in food, fishing and chemical industries with smooth level floors.
- Rubber—Best choice for quiet and durable demands, ideal for smooth and rough floors.



ER A20 & ER D20

The Easy Roller for Most Effortless Travelling Operations

INTRODUCTION

The Easy Roller makes with its mechanically powered drive travelling operations most effortless and safe.

Once the mechanical drive is engaged by oscillating up-and down- movements of the tiller the truck accelerates with a minimum of operational forces.

The function can be engaged to both direction and can be over driven. For safety in each opposite direction the drive works as a parking brake in one direction.

Horizontal transportation of heavy loads becomes easy and safe.

- **Robust and durable**
The trucks robust and durable design enlarges service intervals.
- **Short and maneuverable**
In most confined areas the truck makes the operations fast, safe and effortless.
- **Robust and durable pump with fine control of lowering speed, low maintenance.**
- **Options of tandem or single load wheels with entry rollers or not.**





Oscillation movements
Easy oscillation movements of the tiller reduces the operational forces to a minimum.

Brake function and ramps
If the mechanical drive is engaged in one direction, a brake function is applied into the other direction. On inclines this function is a obvious advantage: No downside rolling of the truck.

This function also helps a lot if the truck is used on tail lifts or for battery exchange systems.

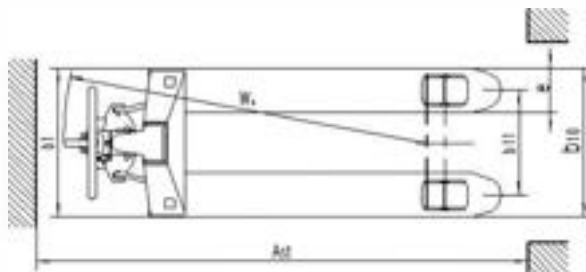
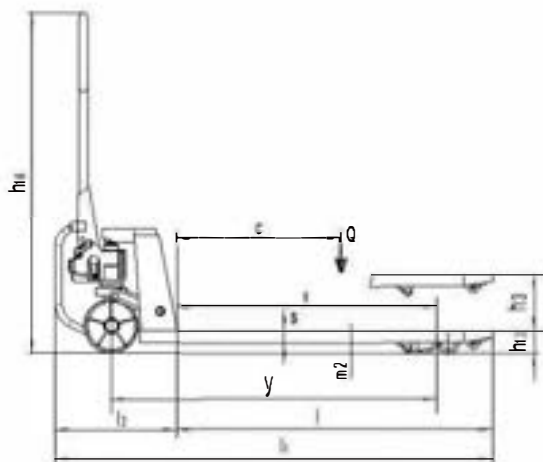


Mechanical Drive

The mechanical drive for effortless acceleration with heavy loads. The drive can be engaged into both direction and has also a rest position.

Type		ER A20	ER D20
Load capacity	Q(t)	2.0	2.0
Service weight	kg	78 ¹⁾	72 ¹⁾
Tyre size, front	mm	180x50	180x50
Tyre size, rear (single/tandem)	mm	80x93/80x70 (74x93/74x70)	80x93/80x70 (74x93/74x70)
Wheels nr. front, rear		2/4	2/4
Fork height, Max.	h13(mm)	200(190)	200(190)
Height of tiller (max.)	h14(mm)	1230	1230
Fork height, Min.	h3(mm)	85(75)	85(75)
Overall length	l1 (mm)	1600	1590
Fork dimensions	s/e/l (mm)	50/160/1150 ²⁾	60/160/1150 ²⁾
Distance between forks	b5 (mm)	540/685	540/685

¹⁾ For truck 540x1150mm, with Pu steer wheel and double PU fork rollers
²⁾ L= 800/ 900/ 1000/ 1220/1500/1800 /2000mm optional





UNIQUE DESIGN PALLET TRUCK

Perfect fluent outline of GiGA26 has many international and domestic patents.

Key components imported from Germany with best reliable quality, piston rod chrome plated with high wear resistance.

- Over-load protection valve enhances safety of the cargos and operator as well.
- Automatic slow-lowering system ensures the safety of the cargos, especially fragile cargos.
- Single-piece hydraulic valve cartridge has more advantages than scattered components such as easy maintenance, which is more preferred by the market.
- Rotating joints are equipped with Engineering Plastic Sliding Bearing, able to absorb eccentric load, with better wear resistance, extended using life and easy replacement.

Hand pallet truck			1KG=2.2LB 1INCH=25.4MM
TECHNICAL DATA			GiGA26
Load capacity	Q		2600
Dead weight		Kg	80kg(PU roller) or 76kg(Nylon roller)
Standard fork length		Kg	1150
Load centre distance	c	mm	600
Total length	L	mm	1540
Steering Wheels	diameter	mm	200 x 50
Tandem rollers		mm	80 x 70
Turning radius	Wa	mm	1335
Aisle width	A	mm	1790
Width over forks	b5	mm	540 / 685
Fork width	e	mm	160
Lowered height	h13	mm	85
Lifting height	h3	mm	200





- Top class range of pallet trucks with excellent designs.
- Professional and ideal storage aid for all variety of manual transport tasks over short distances in stores and warehouse as well as factory plants.
- Reliable, sturdy, torsion-resistant due to its extremely strong high quality steel profile Germany standard WAGNER painting system ensures best powder coating and painting quality.
- All pivots points are greased ensures excellent maneuverability with effortless steering The chromed bearing bushes and joints ensure quiet running properties and particularly long service life.



Hand Pallet Truck



- Ergonomically designed handle with comfortable rubber grip allows the optimized safety as well as comfortable.
- Lower Position——to lower load, pull up on the finger tip control
- Neutral Position—to place finger tip control in this position during pulling the truck or load.
- Lift Position—to raise load, push down on finger tip control, pump handle to raise the load.
- Excellent galvanized whole casting hydraulic pump, robust and durable, with fine control of lowering speed and overload valve, low routine maintenance.



EXCELLENT DESIGN PALLET TRUCK

Professional and ideal storage aid for all variety of manual transport tasks over short distances in stores and warehouse as well as factory plants.

Germany standard WAGNER painting system ensures best powder coating and painting quality.

- All pivots points are greased ensures excellent maneuverability with effortless steering
- The chromed bearing bushes and joints ensure quiet running properties and particularly long service life
- Optional quick lift function for ground clear lifting of pallets with only five pump actions.
- optional coating material like PU, Nylon and Rubber etc. for rollers and wheels meet different needs of customers and working ground and conditions.
- Ergonomically designed handle with comfortable rubber grip allows the optimized safety as well as comfortable.
- Three position operational handle lever for lifting, transporting and lowering purposes



WITH BEARING

Hand pallet truck		1KG=2.2LB 1INCH=25.4MM		
Item/Type		DELTA20	DELTA26	DELTA30
Capacity Q	kg	2000	2600	3000
Min. fork height h	mm	85	85	85
Max. fork height h ₁	mm	200	200	200
Steering wheel	mm	Ø200x50	Ø200x50	Ø200x50
Load roller Single	mm	Ø80x93	Ø80x93	Ø80x93
Load roller Tandem	mm	Ø80x70	Ø80x70	Ø80x70
Size of fork e*s	mm	160x50		160x60
Width overall forks B	mm	450/520/540/685		
Fork length l	mm	800/900/1000/1100/1150/1220		

Conforms to EN 1757-2





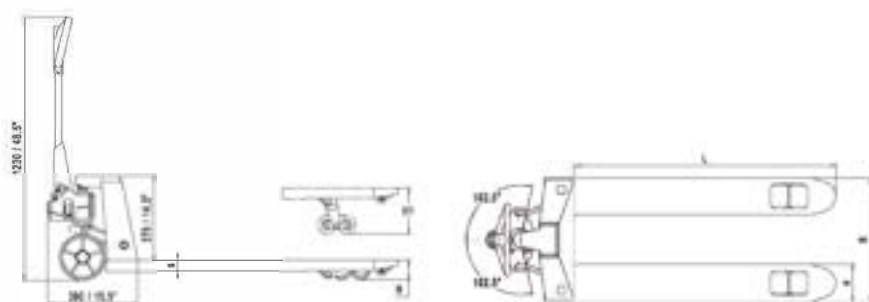
Hand Pallet Truck



QUICKLIFT PALLET TRUCK

Quick lift pallet truck		1KG=2.2LB 1INCH=25.4MM	
Item/Type		ACF20H	ACF20L
Capacity Q	kg	2000	2000
Min. fork height h	mm	85	75
Max. fork height h ₁	mm	200	190
Steering wheel	mm	Ø200x50	Ø180x50
Load roller Single	mm	Ø80x93	Ø74x93
Load roller Tandem	mm	Ø80x70	Ø74x70
Size of fork e*s	mm	160x50	
Width overall forks B	mm	450/520/540/685	
Fork length l	mm	800/900/1000/1100/1150/1220	

Lifting to Max.height: 5 times Conforms to EN 1757-2





EXTRA WIDE OR LONG PALLET TRUCK

Super long or wide Pallet Truck

1KG=2.2LB 1INCH=25.4MM

Item\Type		ACE20	ACL20	ACL35
Capacity (kg)	Kg	2000		3500
Min. fork height (mm)	mm	75/85		85
Max. fork height (mm)	mm	190/200		200
Steering wheel (mm)	mm	Ø 180X50/Ø 200X50		Ø 200X50
Load roller Single	mm	Ø 74X93/Ø 82X93		Ø 82X93
Load roller Tandem	mm	Ø 74X70/Ø 82X70		Ø 82X70
Size of fork (mm)	mm	160X50	160X60	160X60
Width overall forks(mm)	mm	838 / 850/1000	540/685	540/685
Fork length (mm)	mm	1100/1150/1220	1500/1800/2000	1500/1800/2000

Conforms to EN 1757-2

- Diverse fork sizes on request such as 800, 900, 1000, 1150, 1220, 1500, 1800, 2000, 2500, 3000mm lengths and 520, 540, 685mm fork widths
- Maximum load capacity up to 3500kg





PALLET TRUCK WITH HAND BRAKE

- Top class range of pallet trucks with excellent designs
- Reliable, sturdy, torsion-resistant due to its extremely strong high quality steel profile Germany standard WAGNER painting system ensures best powder coating and painting quality.
- All pivots points are greased ensures excellent maneuverability with effortless steering. The chromed bearing bushes and joints ensure quiet running properties and particularly long service life.



Hand pallet truck		1KG=2.2LB 1INCH=25.4MM			
Item/Type		AC20HB		AC25HB	
Capacity Q	kg	2000		2500	
Min. fork height h	mm	85	75	85	75
Max. fork height h ₁	mm	200	190	200	190
Steering wheel	mm	Ø200x50	Ø180x50	Ø200x50	Ø180x50
Load roller Single	mm	Ø80x93	Ø74x93	Ø80x93	Ø74x93
Load roller Tandem	mm	Ø80x70	Ø74x70	Ø80x70	Ø74x70
Size of fork e*s	mm	160x50			
Width overall forks B	mm	450/520/540/685			
Fork length l	mm	800/900/1000/1100/1150/1220			

Conforms to EN 1757-2





REEL CARRYING PALLET TRUCK

Roll Pallet Truck		1KG=2.2LB 1INCH=25.4MM			
Item\Type		AC20R500	AC20R700	AC20R1000	AC20R1500
Capacity Q	kg	2000			
Reel diameter	mm	400-600	600-800	800-1200	1200-1600
Width overall forks B	mm	760	850	1000	1150
Steering wheel	mm	Ø200x50			
Load roller Single	mm	Ø80x93			
Load roller Tandem	mm	Ø80x70			
Fork length l	mm	800/900/1000/1100/1150/1220			

Conforms to EN 1757-2

“Reel Carrying Truck” designed for carrying horizontal transport loads such as rolls, reels, cable drums etc.



Excellent galvanized whole casting hydraulic pump, robust and durable, with fine control of lowering speed and overload valve, low routine maintenance.



Hand Pallet Truck



- Ergonomically designed handle with comfortable rubber grip allows the optimized safety as well as comfortable. Three position operational handle lever for lifting, transporting and lowering purposes.
- Lower Position—to lower load, pull up on the finger tip control
- Neutral Position—to place finger tip control in this position during pulling the truck or load
- Lift Position—to raise load, push down on finger tip control, pump handle to raise the load



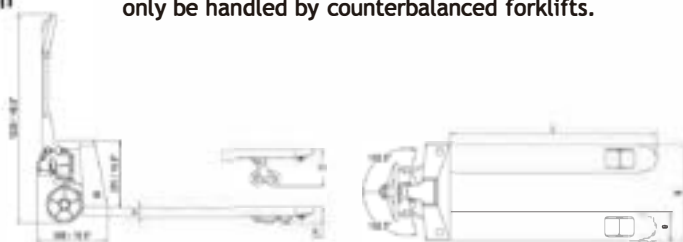
LOW PROFILE PALETT TRUCK



Low-profile Pallet Truck(51MM/35MM)		1KG=2.2LB	1INCH=25.4MM
Item/Type		AC-Low-51mm	AC-Supper Low
Capacity Q	kg	1500	1000
Min. fork height h	mm	51	35
Max. fork height h ₁	mm	165	90
Steering wheel	mm	Ø180x50	Ø160x50
Load roller Single	mm	Ø50x93	
Load roller Tandem	mm	Ø50x70	Ø34x58
Size of fork e*s	mm	160x37	160x30
Width overall forks B	mm	540/685/838	530/685
Fork length l	mm	1150/1220	1120

Conforms to EN 1757-2

- Easy access to the lowest pallets and containers with the minimum floor clearance of 35mm and 51mm only.
- Your handy choice to handle the low pallets which can only be handled by counterbalanced forklifts.



FOUR-WAY PALLET TRUCK

- Unique 4-directional hand pallet truck
- Special 4-directional movement capability provides the flexibility to maneuver wide loads through standard aisles.
- The additional set of wheels allows pallet truck to be moved sideways in addition to the conventional forward and back directions.
- With all the features and quality of our AC model standard hand pallet truck

SideRoller Pallet Truck		1KG=2.2LB	1INCH=25.4
Item/Type		AC-TWO	
Capacity Q	kg	1500	
Min. fork height h	mm	85	
Max. fork height h ₁	mm	85-170-210	
Steering wheel	mm	Ø200x50	
Load roller Single	mm	Ø78x70	
Load roller Tandem	mm	Ø65x60	
Size of fork e*s	mm	160x50	
Width overall forks B	mm	540	685
Fork length l	mm	1100/1150/1220	
Remarks Normal transportation	mm	85mm-170mm,2500kg	
Remarks Transverse transportation	mm	170mm-210mm,1500kg	

Conforms to EN 1757-2







Ideal transport aid for application in damp or harsh environments such as meat or fish processing plants, dairies, pharmaceutical and chemical industry.



GALVANIZED PALLET TRUCK

- All the exposed parts of the whole truck galvanized, including hydraulic pump, fork frame, handle and so on.
- Special application in cold and wet environments resists the effects of cold, condensation and washing.
- Nylon steering wheel and fork rollers as standard option for damp or harsh environments applications.
- With pressure relief valve and overload valve to prevent pump damages when loads exceed weight limits.
- The one-piece pump design simplifies repairs, assuring reliable service and long life.

Galvanized pallet truck		1KG=2.2LB 1INCH=25.4MM	
Item/Type		ACZ20H	ACZ20L
Capacity Q	kg	2000	2000
Min. fork height h	mm	85	75
Max. fork height h ₁	mm	200	190
Steering wheel	mm	Ø200x50	Ø180x50
Load roller Single	mm	Ø80x93	Ø74x93
Load roller Tandem	mm	Ø80x70	Ø74x70
Size of fork e*s	mm	160x60	
Width overall forks B	mm	520/540/685	
Fork length l	mm	1100/1150/1220	

Conforms to EN 1757-2



STAINLESS PALLET TRUCK

Stainless pallet truck		1KG=2.2LB 1INCH=25.4MM	
Item/Type		ACS20H	ACS20L
Capacity Q	kg	2000	2000
Min. fork height h	mm	85	75
Max. fork height h ₁	mm	200	190
Steering wheel	mm	Ø200x50	Ø180x50
Load roller Single	mm	Ø80x93	Ø74x93
Load roller Tandem	mm	Ø74x70	Ø74x70
Size of fork e*s	mm	160x60	
Width overall forks B	mm	520/540/685	
Fork length l	mm	1000/1100/1150/1220	

Conforms to EN 1757-2

- All metal parts made completely stainless steel, including hydraulic pump, fork frame, handle and so on.
- Ideal transport aid for application in damp or harsh environments such as meat or fish processing plants, dairies, pharmaceutical and chemical industry.
- With pressure relief valve and overload valve to prevent pump damages when loads exceeds weight limits.
- The enclosed fork tips (for Aisi316 stainless truck only) ensure there is no dead corner where corrosive spatters remains and damages the truck.
- Specially designed for applications where hygiene is of utmost importance.
- Nylon steering wheel and fork rollers as standard option for damp or harsh environments applications.

**Closed forks for
Aisi 316 version**





STAINLESS STEEL TRUCK WITH WEIGHT INDICATION

Our stainless steel weighing pallet truck allows you to weigh your load on the spot for maximum efficiency. The frame uses heavy-duty steel AISI#304 stainless steel construction for maximum strength and durability. The rugged and effective weighing pallet truck are idea for customers working in food or chemical industries need weighing applictions during transportation. The built-in scale allows you to weigh your load as you are handling it.



Hand pallet truck		1KG=2.2LB 1INCH=25.4MM	
Item/Type		ACSW20S	ACSW20L
Capacity Q	kg	2000	2000
Min. fork height h	mm	85	85
Max. fork height h ₁	mm	195	195
Size of fork e*s	mm	542x1150	687x1220
Big wheel	mm	180*50	180*50
Front wheel	mm	74*70	74*70
Net Weight	kg	110	115
Packaging		4	4
Packaging size	mm	2250x550x650	2250x700x650
Net weight/Gross weight	kg	110/460	115/480
Pcs/20' container		120	96



Technical Indicators

- 6-digit 1.2-inch LED display, 7 state indicator lamps. Long service life and shock resistance
- 7 function keys. Operation is simple and convenient
- Protection level: IP5x
- Excitation voltage: +5VDC
- Load capacity of sensor: at most 4 350Ω simulation sensors
- Input signal range of null point: 0-5mV
- Input signal range of full scale: 1-10 mV
- Inner resolution: 1 million
- Weight upgrading rate: 40 times per second
- Power supply mode
 - Battery: 6V4Ah
 - Adapter: voltage 100-240VAC Current 0.1A Frequency 50-60Hz.
- 2 RS232 ports
- Operating temperature: -10°C-40°C, relative humidity is below 85 %

Main Function

- Basic weighing function: resetting, removing the peel and clearing the peel
- Weight detection function, counting function, animal scale function
- Weight keeping function, weight accumulation function, percentage display
- Set redundant backup function of parameters
- Automatic screen protection and automatic shutdown energy-saving function
- Rich printing formats and communication protocol





HEAVY DUTY PALLET TRUCK

Top class range of pallet trucks with excellent designs

Professional and ideal storage aid for all variety of manual transport tasks over short distances in stores and warehouse as well as factory plants.

- Reliable, sturdy, torsion-resistant due to its extremely strong high quality steel profile Germany standard WAGNER painting system ensures best powder coating and painting quality.
- All pivots points are greased ensures excellent maneuverability with effortless steering The chromed bearing bushes and joints ensure quiet running properties and particularly long service life.

1KG=2.2LB 1INCH=25.4MM		
Item/Type		CBG
Capacity Q	kg	2000/2500
Min. fork height h	mm	85/75
Max. fork height h ₁	mm	200/190
Steering wheel	mm	φ 200x50/φ 180x50
Load roller Single	mm	φ 80x93/φ 74x93
Load roller Tandem	mm	φ 80x70/φ 74x70
Size of fork e*s	mm	160x60or150x50
Width overall forks B	mm	520/550/685
Fork length l	mm	800/900/1000/1100/1150/1220



- Option of different coating material for both steering wheel and fork rollers
- Polyurethane——Ideal for delicate floors with hard wearing and non-marking property, quiet and durable
- Nylon——low drag efforts, high resistance to chemicals, non-marking, preferred in food, fishing and chemical industries with smooth level floors.
- Rubber——Best choice for quiet and durable demands, ideal for smooth and rough floors.

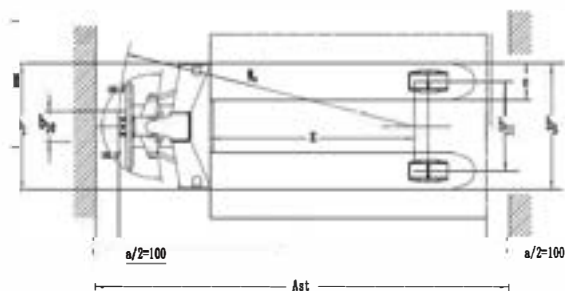
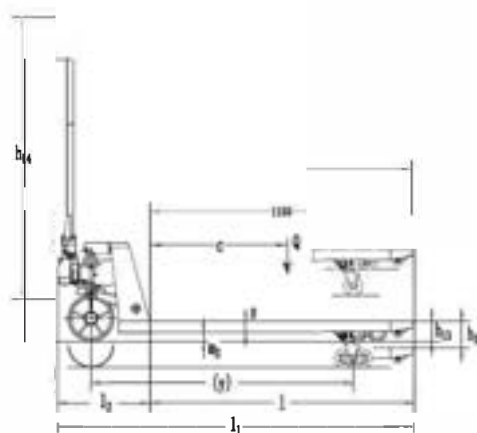
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Heavy duty maintenance free pump with excellent service performance, Optional quick lift function for ground clear lifting of pallets with only five pump actions.



Hand Pallet Truck



STANDARD PALLET TRUCK

- Professional and ideal storage aid for all variety of manual transport tasks over short distances in stores and warehouse as well as factory plants.
- Compact and attractive design with maximum loading capacity of 2000–3000kg
- Germany standard WAGNER painting system ensures best powder coating and painting quality.
- All pivots points are greased ensures excellent maneuverability with effortless steering
The chromed bearing bushes and joints ensure quiet running properties and particularly long service life.

Hand Pallet Truck

1KG=2.2LB 1INCH=25.4MM

Item/Type		DF20		DF25		DF30	
Capacity Q	kg	2000		2500		3000	
Min. fork height h	mm	85	75	85	75	85	75
Max. fork height h ₁	mm	200	190	200	190	200	190
Steering wheel	mm	Ø200x50	Ø180x50	Ø200x50	Ø180x50	Ø200x50	Ø180x50
Load roller Single	mm	Ø80x93	Ø74x93	Ø80x93	Ø74x93	Ø80x93	Ø74x93
Load roller Tandem	mm	Ø80x70	Ø74x70	Ø80x70	Ø74x70	Ø80x70	Ø74x70
Size of fork e*s	mm	160x60					
Width overall forks B	mm	450/520/550/685					
Fork length l	mm	800/900/1000/1100/1150/1220					

Conforms to EN 1757-2



Option of single and tandem fork rollers
Additional entry and exit fork rollers
guarantees for maximum stability and
safety for transporting goods on slopes.





LIGHT DUTY PALLET TRUCK

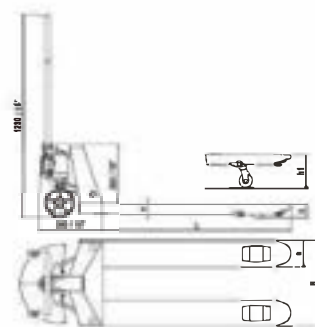
- Compact hydraulic pump design, robust and durable, with fine control of lowering speed and overload valve, low routine maintenance.
- Ergonomic handle shape, robust and durable



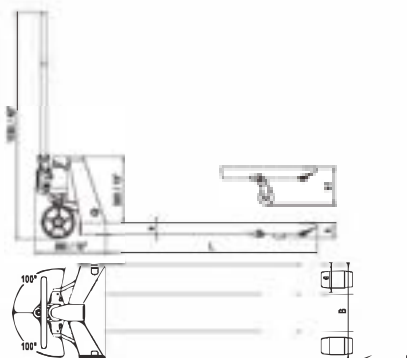
Light-duty hand pallet truck, only for special markets

Item/Type		DF168
Capacity Q	kg	1680
Min. fork height h	mm	75
Max. fork height h1	mm	190
Steering wheel	mm	Ø180x50
Load roller Single	mm	Ø73x80
Load roller Tandem	mm	Ø73x55
Size of fork e*s	mm	150x50
Width overall forks B	mm	520/550
Fork length l	mm	1150
N.W.	kg	50-55.5

1KG=2.2LB 1INCH=25.4MM



Mini-hand-pallet-truck
Economic, handy & reliable



ECONOMIC PALLET TRUCK

Economic but reliable 1KG=2.2LB 1INCH=25.4MM

Item/Type		DFE20
Capacity Q	kg	2000
Min. fork height h	mm	75
Max. fork height h1	mm	190
Steering wheel	mm	Ø180x50
Load roller Single	mm	Ø73x80
Load roller Tandem	mm	Ø73x55
Size of fork e*s	mm	150x50
Width overall forks B	mm	520/550/685
Fork length l	mm	1150/1220
N.W.	kg	50-60

- Economic but reliable
- Professional and easy to operate
- Diverse options for rollers, wheels and fork dimensions as well as colors and etc





PALLET TRUCK WITH WEIGHT INDICATION

The HP ESE20/5 is built on the head of a completely standard hand pallet truck, which makes it different from all conventional pallet truck scales: the single fork structure contains no scale components and the forks keep their original dimensions.

Capacity: 2000 kg in 5 kg steps

Scale functions: zero correction, total weight

Electronic lifting height indication in display

Power supply: 2 standard 1.5V AA / LR6 batteries

Possible to reach 3,000 weightings on a set of batteries

Original fork dimensions

Splash proof: IP65



Only 2 keys needed for operation
New: Totalization function!



Indicator powered by two AA batteries (2x1.2-1.5V), which are located behind a sealed cover



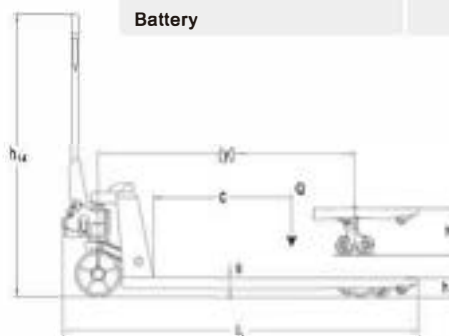
Schematic exploded view of product configuration





The “First weight indication system with electronic height indication” the ESE20/5 is used and assembled on a standard, normal and traditional hand pallet truck... one single chassis needed only .. and that makes the big difference with all other traditional hand pallet trucks with scales, which need systematically a double chassis.

1KG=2.2LB 1INCH=25.4MM		
Item/Type	ESE20	ESE20
Capacity(kg) Q	2000	
Load Center(mm) C	400/450/500/550/600/610	
Wheel Base(mm) Y	763/863/963/1063/1113/1183	
Min. fork height(mm) h13	85	75
Max. fork height(mm) h1	200	195
Handle Height(mm) h14	1233	1223
Steering wheel(mm)	Ø200x50	Ø180x50
Load roller (mm) D1	Single	Ø80x93
	Tanden	Ø80x70
Fork Size(mm)	160x50	
Fork Overall width(mm) b5	450/520/540/685	
Fork length(mm) l	800/900/1000/1100/1150/1220	
Overall length(mm) l1	1192/1292/1392/1492/1542/1612	
Turning radius(mm) Wa	915/1015/1115/1215/1265/1335	
Battery	DC 1.5Vx2	





WEIGHING SCALE PALLET TRUCK

High accuracy

Maximum error 0.1% of scale capacity , even with floor conditions that are not optimal or when a load is places out of centre The accuracy remains high.

Totalising function

Adds up multiple pallet weightsto a total weight per shipment or order, also for avoiding overloads. When weight is added, the display shows the new total weight and the number of pallets weighed. This permits the user to verify that he did not forget to weigh any pallets or weighed the same pallet twice.

High battery autonomy

Four standard AA-batteries (2.7Ah) allow 70 hours of use. The automatic sleep mode assures that 4200 weighting actions can be taken. In most common use this means that batteries will have to be changed* only one time per year (*or charged if rechargeable batteries are esed).

High contrast display

Display can be read from any angle: when operator is standing near the pallet for dosing, or for adding products to the pallet by weight. The display does not need a backlight because it reads extremely well at ambient light conditions.

Big function keys that “click ”

When pushing the function keys, the operator senses a “click” movement. Even when working with gloves, the operator feels whether he has pressed the key properly.

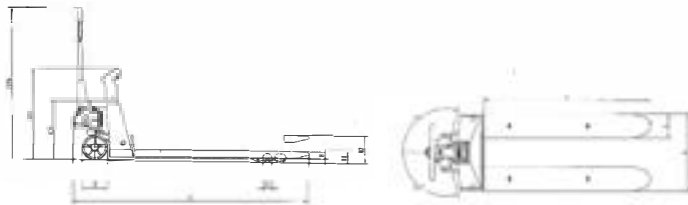


OPTIONAL:

Thermal Printer
Printer which is reliable in mobile applications. Use of printer does hardly influence the life time of the batteries. The printer is protected for use at low battery voltage levels. The printer is also resistant to vibrations and shocks.



1KG=2.2LB 1INCH=25.4MM		
Item/Type		
		HP ESRP20
		HP ESR20/L
Capacity(kg)		2000
Min.fork height(mm) H1		85
Max.fork height(mm) H2		200
Steering wheel(mm) D		Ø180×50
Load roller (mm) D1	Single	
	Tanden	
Size of fork (mm) C×H		182×50
Width overall forks (mm) B		555/692
Fork length (mm) A		1150/1220
Overall length A1		1580/1650
Battery		DC 1.5V×4



Water and dust proof to norm IP65

One of the most important characteristics for a reliable mobile scale. IP65 means that the pallet truck scale can be used outside or lorries and be cleaned with water (but not by high pressure !!!) The load cells in the forks have an even higher protection level.

Pallet truck with scale

Capacity:2000kg in 1 kg steps

Tolerance: +/- 2 kg

Scale functions: zero correction, gross/net weighing, total weight

Power supply: 4x1.5V AA batteries

Low battery warning + auto shut off function after 3 minutes

Total fork width 570mm, width per fork 180mm, fork height 90mm, fork length 1150mm

Polyurethane steering wheels and tandem fork rollers



PALLET TRUCK WITH BOX GUARD .

- 48x27" box guard adapts to a variety of cargo sizes and shapes to keep loads stable. Foot pedal gives you the option of using foot.
- Prevents accidental lifting of second pallet by lowering fram gard reducing lengt by 9".
- Holds cargo in place to ensure safety.

AC25/BG



Model		AC25	DF25/BG
Capacity	kg	2500	2500
Fork Height	mm	190	190
Fork Height Min.	mm	75	75
Width Across Forks	mm	685	685
Width Between Forks	mm	365	365
Fork Length	mm	1220	1220
Fork Width	mm	160	160
Overall Length	mm	1610	1610
Overall Width	mm	685	685
Overall Height	mm	1220	1220
Main Wheel Size	mm	180	180
Wheel Material		Mold-on Polyurethane	Mold-on Polyurethane
Roller Dia.	mm	74	74

DF25/BG



PALLET TRUCK WITH FOOT PEDAL

- pedal to raise the forks
- when space constraints make it difficult to use the standard handle to raise the load.
- Foot pedal folds out of the way when not in use.



Pallet Truck – Foot and Hand Actuate		1KG=2.2LB 1INCH=25.4MM
Model		
Capacity	kg	DF2
Fork Height	mm	190
Fork Height Min.	mm	75
Width Across Forks	mm	685
Width Between Forks	mm	365
Fork Length	mm	1220
Fork Width	mm	160
Overall Length	mm	1700
Overall Width	mm	685
Overall Height	mm	1220
Main Wheel Size	mm	180
Wheel Material		Mold-on Polyurethane
Roller Dia.	mm	74



ROUGH TERRAIN TRUCK

**1200kg capacity adjustable forks
Rough Terrain Truck.**

**Fitted with Pneumatic tyres for use
on undulating surfaces.**

Powder coated heavy duty steel frame.

**Fitted with adjustable 860mm long
forks lower down to a Minimum fork
height of 52mm.**

Ideal for open and closed pallets.

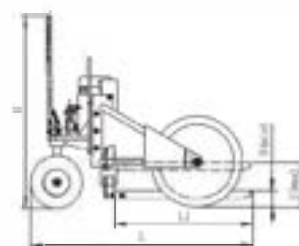
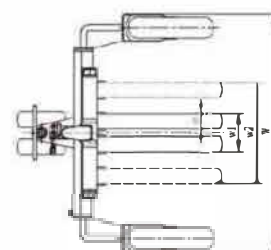
**Hand release trigger, easy to manoeuvre with 210
degrees turning radius.**

Low maintenance pump unit.

Hand release trigger to control the rate of descent.



RTT		1KG=2.2LB 1INCH=25.4MM
Model		RTT12
Capacity Q	Kg	1200
Fork Length L ₁	mm	860
Fork width. e	mm	100
Adjustable Fork Width w ₁ -w ₂	mm	228-735
Max.Fork Height H (Max)	mm	233
Min.Fork Height H(Min)	mm	63
Max.Pump Stroke	mm	170
Overall Size LxWxH	mm	1375 x 1605 x 1200
Front Wheel Dia.x Width	mm	550 x 132
Rear Wheel Dia.x Width	mm	265 x 80
Width inside the front wheel	mm	1277
Net Weight	Kg	225
Minimum Qty.	n	7 purchase
Load Centre C	mm	450



**Ideal for use on rough surfaces
such as building sites, Garden
centres and any external
applications.**





SL/15

MANUAL STAINLESS STEEL SCISSOR LIFT PALLET TRUCK

Unique one cylinder system guarantees: no risk of old leakage, no risk of dropping to the tom.

2. Ergonomically designed handle with comfortable rubber grip allows the optimized safety as well as comfort, Three position operational handle lever for lifting, transporting and lowering purposes.

SLS		1600-2250 1600-2250 4MM	
Item/Type		SLS10	SLS15
Capacity	kg	1000	1500
Min. fork height	mm	85	85
Max. fork height	mm	800	800
Size of fork	mm	160x50	160x50
Width of overall fork	mm	540/680	540/680
Length of fork	mm	1150	1150
Fork roller	mm	80x70	80x70
Big wheel	mm	180x50	180x50
Weight	kg	120/125	125/130



SLS10E/15E

ELECTRIC STAINLESS STEEL SCISSOR LIFT PALLET TRUCK

1. Come with maintenance-free 60AH battery and built-in smart charger, loads can be lifted both manually and electrically.

2. Position your height quickly and effortlessly at the push of the button when working at frequently changing heights.

SLS10E		1600-2250 1600-2250 4MM	
Item/Type		SLS10E	SLS15E
Capacity	kg	1000	1500
Min. fork height	mm	85	85
Max. fork height	mm	800	800
Size of fork	mm	160x50	160x50
Width of overall fork	mm	540/680	540/680
Length of fork	mm	1150	1150
Fork roller	mm	80x70	80x70
Big wheel	mm	180x50	180x50
Battery V/AH		12V/60AH	12V/60AH
Lifting motor power		0.8KW	0.8KW
Weight	kg	155/160	160/165





MANUAL SCISSOR LIFT PALLET TRUCK

- Ergonomically designed scissor lift pallet truck or called work positioner can lift and place your materials at the most productive working height safest for the worker , preventing back injuries caused by bending and lifting.

1KG=2.2LB 1INCH=25.4MM

Single Cylinder Manual Scissor Lifter			
Model		MSL10	
Capacity	Kg	1000	
Min.fork height	mm	85	
Max.fork height	mm	800	
Lifting stroke (unloaded)		28	
Lifting stroke (loaded)		70	
Width across forks	mm	540	680
Fork width	mm	160	
Fork length	mm	1170	
Front wheel Dia.	mm	Ø75X50	
Big wheel Dia.	mm	Ø180X50	
Overall length	mm	1738	
Overall width	mm	579	719
Overall height	mm	1266	
Net weight	Kg	109	
4 Units Package size	cm	214X62X111	214X76X111
Quantity for 20"container		72	64

- Designed to raise open-bottom pallets to proper working height with support legs deploy automatically to ensure operator safety.

- Single cylinder for robustness and less maintenance.



ELECTRIC SCISSOR LIFT PALLET TRUCK

- Available in Manual Pump or Battery Operated models (complete with 12V/50A maintenance-free AGM battery with built-in charger that plugs into any outlet). All models also available in 540mm or 680mm width configuration.

1KG=2.2LB 1INCH=25.4MM

Single Cylinder Scissor Pallet Truck			
Model		ESL10	
Capacity	Kg	1000	
Min.fork height	mm	85	
Max.fork height	mm	800	
Lifting stroke (unloaded)		15S	
Lifting stroke (loaded)		25S	
Lowering speed		0.1m/s	
Width across forks	mm	540	680
Fork width	mm	160	
Fork length	mm	1170	
Front wheel Dia.	mm	Ø75X50	
Big wheel Dia.	mm	Ø180X50	
Overall length	mm	1738	
Overall width	mm	579	719
Overall height	mm	1285	
Net weight	Kg	134	
4 Units Package size	cm	214X62X111	214X76X111
Quantity for 20"container		72	64
Battery (Gel)	Weight	15.2Kg	
	Size	224X135X175mm	
	V/Ah	12V/50Ah	
Lifting Motor		12V/800W	





The ACX 10M / ACX 10E is the manual and electric scissor lift pallet truck with 2200lbs capacity and 31 1/2 inch maximum lifting height; designed to be used to work

as a lifting table, marshalling table, work bench or as a standard hand pallet truck.

1KG=2.2LB 1INCH=25.4MM

Single Cylinder Manual Scissor Lifter			
Model		ACX 10M	
Capacity	kg	1000	1000
Fork Height Raised	mm	800	800
Fork Height Lowered	mm	85	85
Fork Length	mm	1170	1170
Fork Width	mm	160	160
Width Across Forks	mm	540	680
Width Between Forks	mm	200	370
Caster Dia.	mm	180	180
Caster Material		Polyurethane	Polyurethane
Overall Length	mm	1730	1730
Overall Width	mm	585	710
Overall Height	mm	1270	1270



SCISSOR LIFT PALLET TRUCK

■ Closed fork tips and reinforced chassis ensure high lifetime.

■ Ergonomically designed and comfort-able handle with higher grip casing.

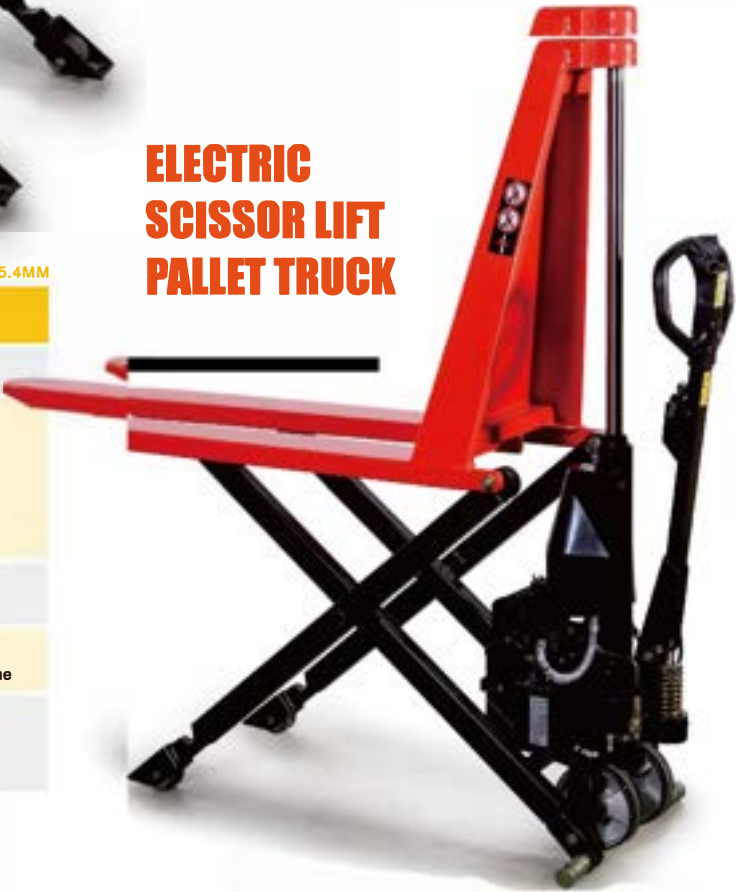
■ Single cylinder for robustness and less maintenance.

1KG=2.2LB 1INCH=25.4MM

Single Cylinder Electric Scissor Lifter			
Model		ACX 10E	
Capacity	kg	1000	1000
Fork Height Raised	mm	800	800
Fork Height Lowered	mm	35	35
Fork Length	mm	1170	1170
Fork Width	mm	160	160
Width Across Forks	mm	540	680
Width Between Forks	mm	200	370
Caster Dia.	mm	180	180
Caster Material		Polyurethane	Polyurethane
Overall Length	mm	1730	1730
Overall Width	mm	585	710
Overall Height	mm	1270	1270

■ Optional emergency button.

■ Optional deep discharge protection.



ELECTRIC SCISSOR LIFT PALLET TRUCK



TWO-CYLINDER SCISSOR LIFT PALLET TRUCK

With pressure relief valve and overload valve to prevent pump damages when loads exceeds weight limits.

Nylon steering wheel and fork rollers as standard option for damp or harsh environments applications.



Stainless Scissor Lifter			110KG=2.2LB 1INCH=25.4MM
TYPE	SLP10	SLP15	
capacity	1000	1500	
fork width(W)	540	680	
fork length(L)	1150	1150	
min.fork height(H)	85	85	
Max. fork height	800	800	
front wheel	PU/Nylon 80*50		
rear wheel	PU/Nylon 180*50		
net weight	110	125	



- The INOX version of Scissor lift pallet truck is designed for corrosive environments or applications with high standards of hygiene where the goods need to be handled at a convenient working height.
- Ideal transport aid for application in damp or harsh environments such as meat or fish processing plants, dairies, pharmaceutical and chemical industry as transport aid as well as working table.

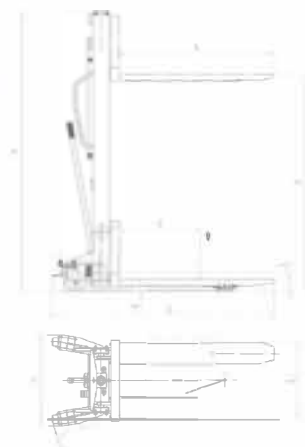
STAINLESS SCISSOR LIFT PALLET TRUCK

Stainless Scissor Lifter		1KG=2.2LB 1INCH=25.4MM
TYPE	SLP10-INOX	
capacity	1000	
fork width(W)	540	
fork length(L)	1150	
min.fork height(H)	85	
Max. fork height	800	
front wheel	PU/Nylon 80*50	
rear wheel	PU/Nylon 180*50	
net weight	110	


Model EFS Series

160-2,2tL 1800-25,4mm

ITEM/TYPE		EFS0516G	EFS1016	EFS1016G	EFS1030	EFS1030B
Capacity Q	Kg	500	1000	1000	1000	1000
Load center c	mm	600	500	600	600	500
Max.Fork Height	mm	1600	1600	1600	3000	3000
Lowered Fork Height	mm	85	80	85	85	80
Fork Adjust Width	mm	550	300~800	550	550	300~740
Fork Width	mm	150	140	160	160	140
Fork Length	mm	1050	900	1150	1150	900
Overall length	mm	1520	1488	1660	1668	1496
Overall height	mm	2010	1980	2010	2060	2060
Overall width	mm	820	850	740	740	800
Ground Clearance	mm	28	20	25	25	23
Front Wheel	mm	φ 74x55	φ 74x55	φ 74x55	φ 74x70	φ 74x70
Rear Wheel	mm	φ 150x42	φ 180x50	φ 180x50	φ 180x50	φ 180x50
Net weight	Kg	156	184	172	310	332


Conforms to EN1757-1



ECONOMICAL MANUAL STACKER

Ideal and economic choice for manual transport and lifting, with its different mast options (1600, 3000 mm) and diverse lifting capacity (500kg, 1000kg) enables to deal with a large number of applications in the warehouse or any other facilities. For example, with the lift capacity of 1000 kg and lifting height of 1600mm, therefore the truck is an ideal and economic choice suitable for first level stacking.

- The minimized turning radius and compact size of the truck allows it to be used in the most confined space and narrow aisle such as in stores, small warehouses and factories.



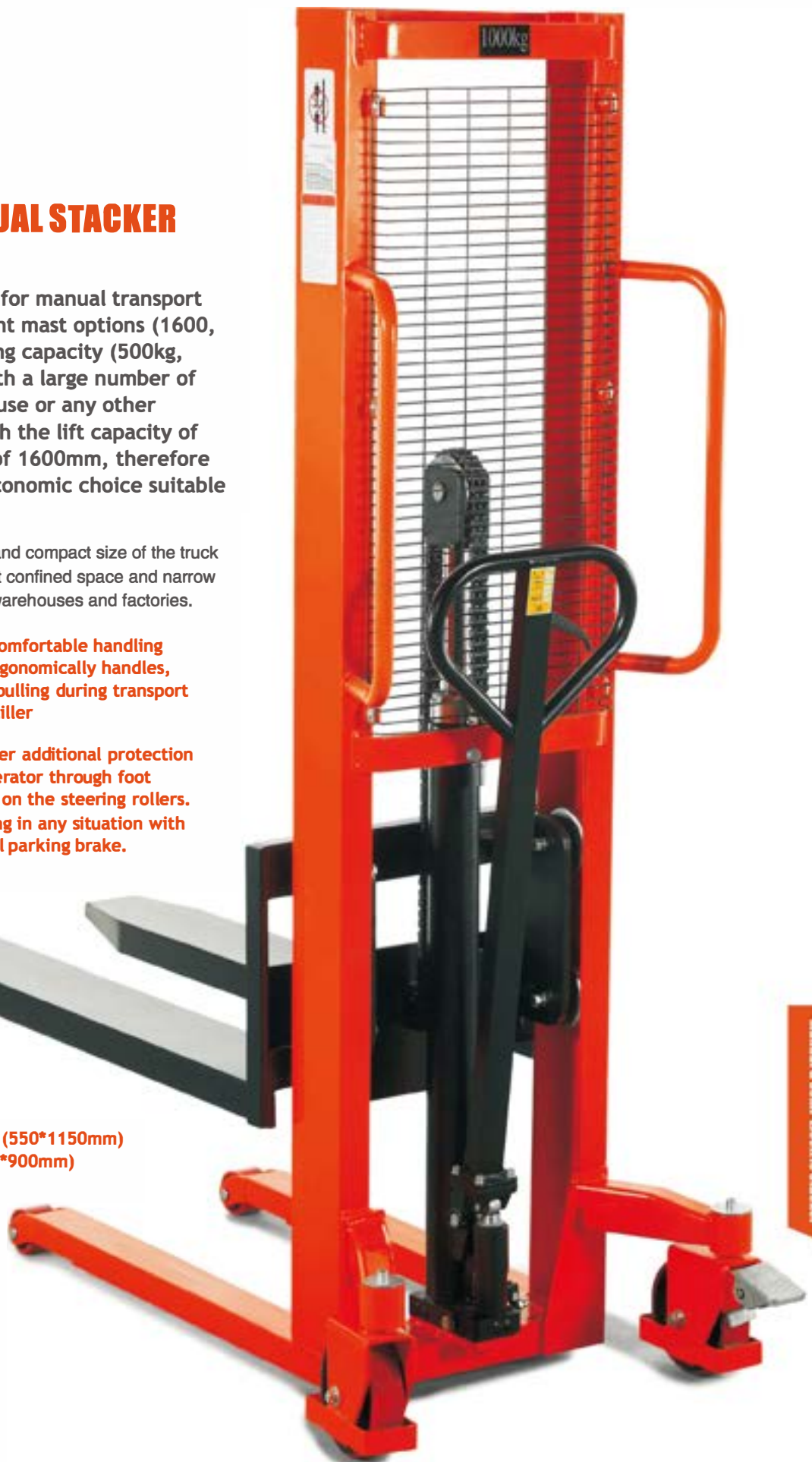
Easy and comfortable handling through ergonomically handles, effortless pulling during transport with long tiller



We can offer additional protection for the operator through foot protection on the steering rollers. Safe parking in any situation with mechanical parking brake.



Optional choice of fixed fork (550*1150mm) and adjustable fork (330-800*900mm)



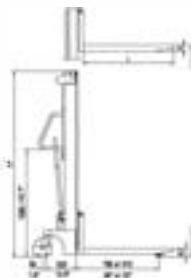


STANDARD MANUAL STACKER

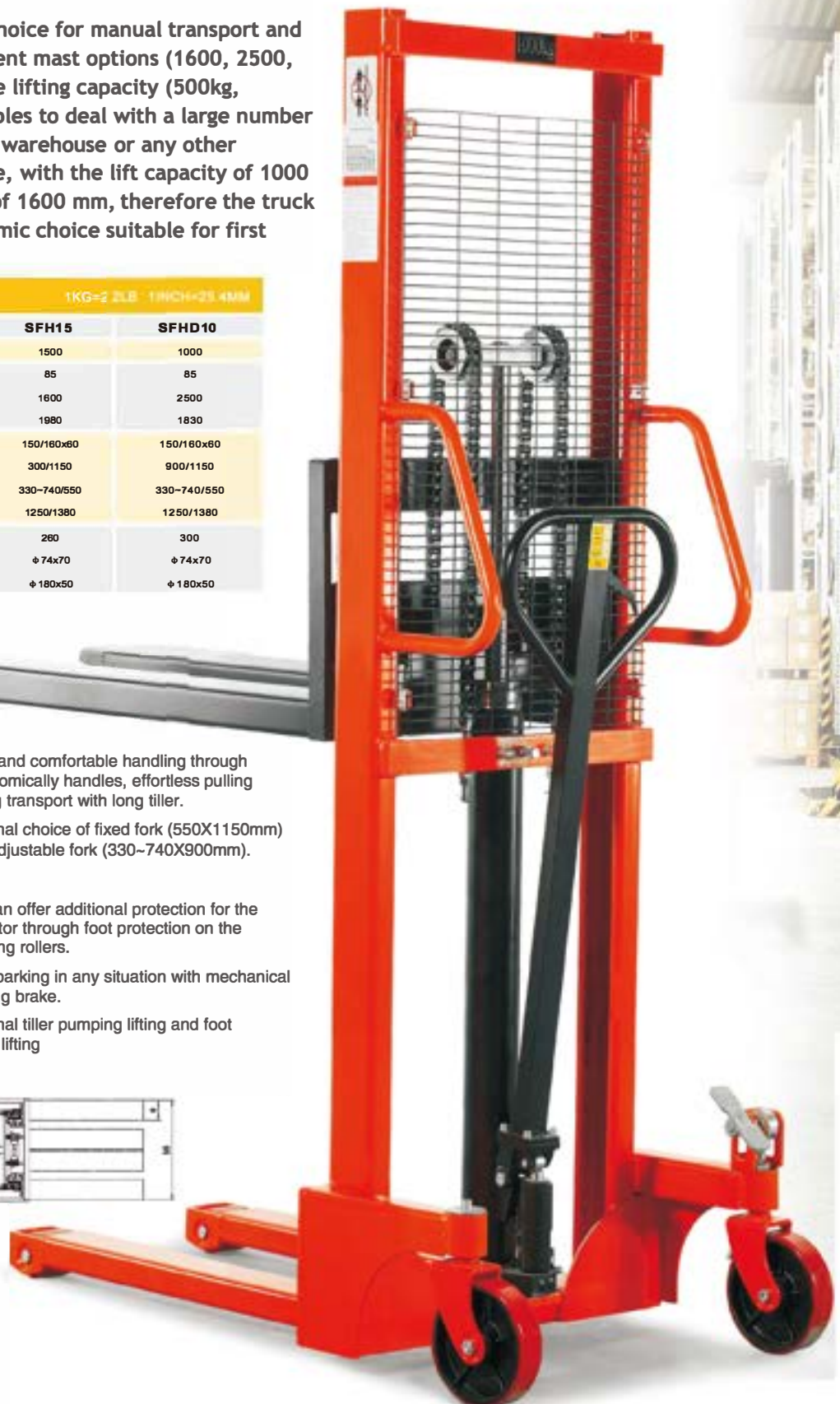
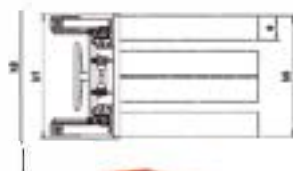
Ideal and economic choice for manual transport and lifting, with its different mast options (1600, 2500, 3000 mm) and diverse lifting capacity (500kg, 1000kg, 1500kg) enables to deal with a large number of applications in the warehouse or any other facilities. For example, with the lift capacity of 1000 kg and lifting height of 1600 mm, therefore the truck is an ideal and economic choice suitable for first level stacking.

Hand Stacker		1KG=2 ZLB 110CM=25.4MM		
ITEM/TYPE		SFH10	SFH15	SFHD10
Capacity Q	Kg	1000	1500	1000
Min. fork height h ₀	mm	85	85	85
Max. fork height h ₂	mm	1600	1600	2500
Min. mast height h ₁	mm	1980	1980	1830
Size of fork e*s	mm	150/160x80	150/160x80	150/160x80
Length of fork L	mm	900/1150	300/1150	900/1150
Width of overall fork (adjust/fixed) b5	mm	330~740/550	330~740/550	330~740/550
Radius of gyration	mm	1250/1380	1250/1380	1250/1380
Weight	Kg	220	260	300
Fork rollers	mm	φ 74x70	φ 74x70	φ 74x70
Big wheel	mm	φ 180x50	φ 180x50	φ 180x50

Conforms to EN1757-1



- Easy and comfortable handling through ergonomically handles, effortless pulling during transport with long tiller.
- Optional choice of fixed fork (550X1150mm) and adjustable fork (330~740X900mm).
- We can offer additional protection for the operator through foot protection on the steering rollers.
- Safe parking in any situation with mechanical parking brake.
- Optional tiller pumping lifting and foot pedal lifting







HEAVY-DUTY MANUAL HYDRAULIC PLATFORM AND FORK STACKER

Ideal choice for various different lifting and stacking applications with capacity from 2000lbs and 3000lbs, with lifting height 63", 98" and 118". Easy and comfortable handling through ergonomically handles, effortless pulling during transport with longer tiller. Include wheel lock and safety screen to ensure safety during operation.

MANUAL HYDRAULIC PLATFORM STACKERS

- Heavy-load platform lifters features platform that lowers to 6", with capacity 2000-3000 lbs, and lift heights up to 63", 98" and 118".
- Feature fold-away hydraulic foot pump for raising loads.

Manual Hydraulic Platform Stackers		180-2,218 1100-23,400			
Model		SFH1016FG	SFH1516FG	SFH1025FG	SFH1030FG
Capacity	kg	1000	1500	1000	1000
Lifting Height Max.	mm	1600	1600	2500	3000
Lifting Height Min.	mm	150	150	150	150
Platform Length	mm	760	760	760	760
Platform Width	mm	820	820	820	820
Base Legs I.D.	mm	710	710	710	710
Base Legs O.D.	mm	860	860	860	860
Overall Length	mm	1370	1370	1370	1370
Overall Width	mm	860	860	860	860
Overall Height	mm	2020	2070	1770	2140
Load Center	mm	460	460	460	460
Front Wheel Dia.	mm	127	127	127	127
Rear Wheel Dia.	mm	180	180	180	180
Wheel Type		2 Swivel, 2 Rigid	2 Swivel, 2 Rigid	2 Swivel, 2 Rigid	2 Swivel, 2 Rigid
Shipping Weight	kg	250	300	300	350

- Two-swivel and two rigid casters provide four wheel support for heavy loads.
- Include wheel lock and safety screen to ensure safety during operation.





MANUAL HYDRAULIC STACKERS – FORKS OVER BASE

- For narrow aisles and confined areas, with fixed legs for open pallets and skids only.
- Feature fold-away hydraulic foot pump for raising loads.
- Two-swivel and two rigid casters provide four wheel support for heavy loads.
- Include wheel lock and safety screen to ensure safety during operation.

Manual Hydraulic Stackers – Fork Over Base 1600-2310 1100G-20.4MM

Model		SFH1016G	SFH1516G	SFH1025G	SFH1030G
Capacity	kg	1000	1500	1000	1000
Lifting Height Max.	mm	1600	1600	2500	3000
Outer width of forks	mm	690	690	690	690
Fork Length	mm	1100	1100	1100	1100
Lifting Height Min.	mm	85	85	85	85
Fork Width	mm	160	160	160	160
Base Legs I.D.	mm	365	365	365	365
Base Legs O.D.	mm	625	625	625	625
Overall Length	mm	1600	1600	1600	1600
Overall Width	mm	725	725	725	725
Overall Height	mm	2032	2032	1830	2090
Load Center	mm	610	610	610	610
Rear Caster Dia.	mm	180	180	180	180
Front Wheel Dia.		74	74	74	74
Rear Wheel Dia.	kg	180	180	180	180
Wheel Type		2 Rigid, 2 Swivel	2 Rigid, 2 Swivel	2 Rigid, 2 Swivel	2 Rigid, 2 Swivel



MANUAL HYDRAULIC STACKERS – FIXED BASE LEGS

Specially designed straddle leg counter weight base allows the stacker to enter special size cargos where base legs could interfere, and at the same time improve the stability.

- We can offer additional protection for the operator through foot protection on the steering rollers.
- Safe parking in any situation with mechanical parking brake.
- Optional tiller pumping lifting and foot pedal lifting.



Hand Stacker

1KG=2.2LB 1INCH=25.4MM

Model		SFH10-W1.0M	SFH10-W1.2M
Capacity	kg	1000	1000
Load centre distance	mm	500	500
Width of leg	mm	1000	1200
Min. fork height	mm	85	85
Max. fork height	mm	1600	1600
Min. mast height	mm	1980	1980
Size of fork	mm	150 / 160X60	150 / 160X60
Length of fork	mm	900 / 1150	900 / 1150
Width of overall forks	mm	330~740 / 550	330~740 / 550
Overall length (adjust/fixed)	mm	1480 / 1680	1480 / 1680
Radius of gyration	mm	1250 / 1380	1250 / 1380
Wheel base	mm	1215	1215
Track width, front	mm	648	648
Height of handle min./max.	mm	750 / 1170	750 / 1170
Fork rollers	mm	Ø 150X50	Ø 150X50
Big wheel	mm	Ø 180X50	Ø 180X50
Weight	kg	252	262

Conforms to EN1757-1



MANUAL HYDRAULIC STACKERS – ADJUSTABLE BASE LEGS

- For lifting loads, skids, racks, and objects. Forks adjust from side to side to accommodate skid widths.
- Feature fold-away hydraulic foot pump for raising loads.

1KG=2.2LB 1INCH=25.4MM

Manual Hydraulic Stackers--Adjustable Base Legs

Model		SFH1016AG	SFH1025AG	SFH1030AG
Capacity	kg	1000	1000	1000
Lifting Height Max.	mm	1600	2500	3000
Lifting Height Min.	mm	70	70	70
Fork Length	mm	915	915	915
Fork Width	mm	100	100	100
Outer width of forks	mm	220-850	220-850	220-850
Base Legs I.D.	mm	915-1220	915-1220	915-1220
Base Legs O.D.	mm	1100-1370	1100-1370	1100-1370
Overall Length	mm	1420	1420	1420
Overall Width	mm	1100-1370	1100-1370	1100-1370
Overall Height	mm	2020	1770	2020
Load Center	mm	500	500	500
Rear Caster Dia.	mm	180	180	180
Front Wheel Dia.	mm	127	127	127
Rear Wheel Dia.	mm	180	180	180
Wheel Type		2 Rigid, 2 Swivel	2 Rigid, 2 Swivel	2 Rigid, 2 Swivel
Shipping Weight	kg	350	400	400

- Two-swivel and two rigid casters provide four wheel support for heavy loads.
- Include wheel lock and safety screen to ensure safety during operation.



ATLAS



La force habile

MINI ELECTRIC STACKER

Ideal and handy choice for frequent lifting or for load weight max. 150kg in industrial, laboratory, hospitals, office or other applications need a compact design and effortless lifting .

Maintenance free batteries, fully automatic battery charger and non-marking wheels with wheel stops make the unit very easy and safe to operate and completely clean and nearly maintenance free.

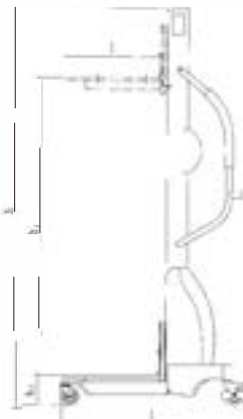
The smooth running castors enable it to cover medium length distances with ease. Swivel castors enable the device to be positioned exactly at the workplace or for unloading goods without twisting the operator' s back.





Mini Stacker				100~2.2t 1000~20.4mm			
Identification	1.2	Manufacturer's type designation		MES150	MES150A	MES150B	MES150/801
	1.4			hand			
	1.5	Load Capacity / rated load	Q(Kg)	150			
Weights	2.1	Service weight	kg	58	56	54	60
Wheels, Chassis	3.1	Tyres:solid、rubber,superelastic, pneumatic,polyurethane		Polyurethane			
	3.2	Tyre size,front	mm	75×32			
	3.3	Tyre size,rear	mm	100×32			
Basic Dimensions	3.5	Wheels,number		4			
	4.2	Lowered mast height	h ₁ (mm)	1958			
	4.4	Lift height	h ₃ (mm)	1420	1435	1440	1400
	4.15	Lowered height	h _{1s} (mm)	130	115	110	65
	4.19	Overall length	l ₁ (mm)	880	865	920	920
	4.21	Overall width	b ₁ (mm)	520	500	500	801
	4.22	Fork dimensions	l(mm)	460	445	500	500
	4.25	Width over forks	b _s (mm)	520	400(Φ 40×2)	Φ 60	650
Performance Data	5.2	Lift speed, laden/unladen	mm/s	67/82			
	5.3	Lowering speed,laden/unladen	mm/s	96/89			
E-Motor	6.1	Lift motor rating	W	90			
	6.2	Battery acc.to BS,no		NO			
	6.3	Battery voltage,nominal capacity	V/AH	2X12/7			

- The right mini-lifter for every kind of load with a wide range of accessories allow for countless applications.


MES150A

MES150B




STANDARD SEMI-ELECTRIC STACKER

SPN10/10C Series (C=Economic Version)

Cost-effective option for carrying out diverse stacking operations (loading capacity from 1000kg to 2000kg, optional lift height of 1600mm, 2500mm, 3000 mm and 3500mm) and the loading and unloading of utility vehicles.

- Study and reliable mast made of rolled U-profiles. Hard chrome plated piston. Adjustable lifting chain. Powerful lift motor 1.6 KW.
- Integrated 150 AH maintenance free battery supplies strong power to effect frequent lifting tasks, an integrated charger facilitates easy and reliable charging of the integrated battery
- Optional choice of fixed fork and adjustable fork



Precise lifting and lowering via hand lever. Battery cut-off switch prevents unauthorized use.



Additional protection for the operator through foot protection on the steering rollers.
Safe parking in any situation with mechanical parking brake.





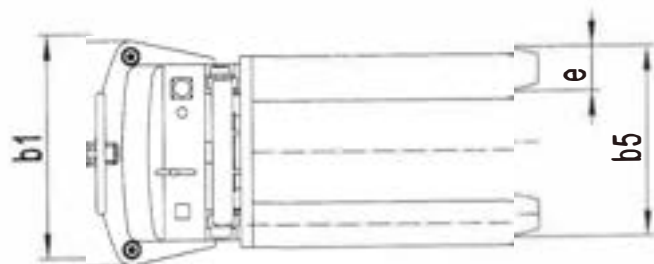
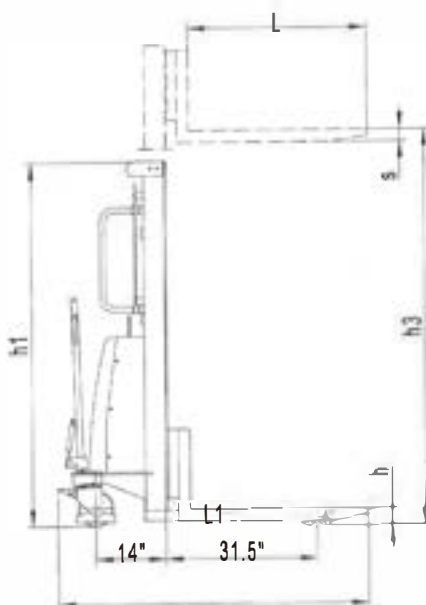
Standard Semi-electric Stacker SPN10/10C

-2.110 TMCB-25.4MM

Designation	1.2	Manufacturer's type designation		SPN1016	SPN1025	SPN1030	SPN1033	SPN1035 ²⁾
	1.3	Power (battery ,diesel, petrol, gas, manual)				manua		
	1.4	Operator type				Pedestrian		
	1.5	Load Capacity / rated load	Q(t)			1.0		
	1.6	Load centre distance	c(mm)			600		
	1.8	Load distance ,centre of drive axle to fork	x(mm)	750/(649) ¹⁾			742/(641)	
	1.9	Wheelbase	Y(mm)			1175/(1140)		
Weight	2.1	Service weight	kg	305	364	380	391	402
	2.2	Axle loading, laden front/rear	kg	416/889	439/925	445/935	449/942	453/949
	2.3	Axle loading, unladen front/rear	kg	206/99	255/109	265/115	272/119	279/123
Tires, chassis	3.1	Tires		nylon/polyurethane				
	3.2	Tire size, front	Φ w (mm)	φ 180×50				
	3.3	Tire size, rear	Φ w (mm)	φ 74×70				
	3.4	Additional wheels(dimensions)	Φ w (mm)	φ 180×50				
	3.5	Wheels, number front/rear(x=driven wheels)		2/4				
	3.6	Track, front	b10 (mm)	680				
	3.7	Track, rear	b11 (mm)	390/(490)				
Dimensions	4.2	Lowered mast height	h1 (mm)	1978	1828	2078	2228	2328
	4.3	Free Lift height	h2 (mm)			/		
	4.4	Lift height	h3 (mm)	1600	2500	3000	3300	3500
	4.5	Extended mast height	h4 (mm)	1978	3066	3566	3866	4066
	4.9	Height of tiller in drive position min./ max.	h14 (mm)			770/1153		
	4.15	Height, lowered	h13 (mm)			82/(84)		
	4.19	Overall length	l1 (mm)	1780/(1850)		1788/(1858)		
	4.20	Length to face of forks	l2 (mm)	630/(700)		638/(708)		
	4.21	Overall width	b1 (mm)			777		
	4.22	Fork dimensions	s/e/l (mm)			60/160/1150/(60/150/1150)		
	4.25	Distance between fork-arms	b5 (mm)			550/(32~640)		
	4.32	Ground clearance, centre of wheelbase	m2 (mm)			28		
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)			2230		
4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)			2175			
4.35	Turning radius	Wa (mm)			1350			
Performance data	5.2	Lift speed, laden/ unladen	m/s			0.8/0.14		
	5.3	Lowering speed, laden/ unladen	m/s			0.11/0.096		
	5.10	Service brake				manual		
Electric-engine	6.2	Lift motor rating at S3 10%	kW			1.6		
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no				no		
	6.4	Battery voltage, nominal capacity K5	V/Ah			12V/150Ah ³⁾		
	6.5	Battery weight	kg			35		

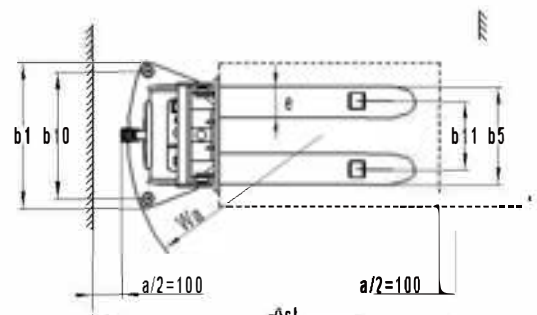
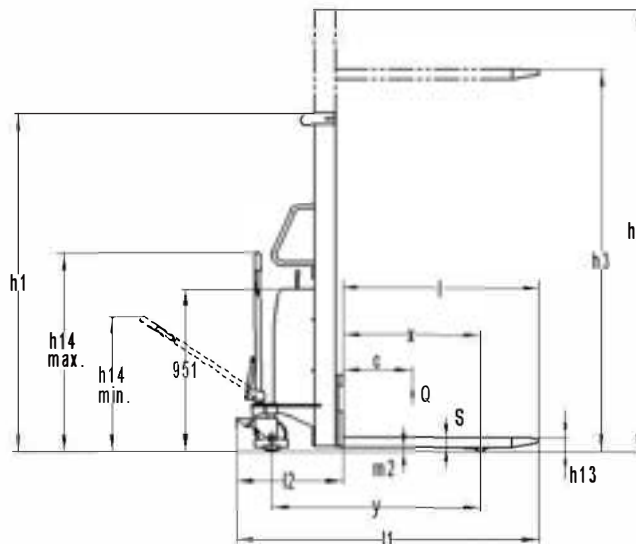
1).The date in () are for adjustable type SPN10 2).SPN1035,only fixed type available

3).Battery 12V/120Ah is optional





Standard Semi-electric Stacker SPN15/15C				1500-2250 10000-25400			
Distinguishing mark	1.2	Manufacturer's type designation		SPN1516	SPN1525	SPN1530	SPN1535
	1.3	Power (battery ,diesel, petrol, gas, manu		manua Pedestrian			
	1.4	Operator type					
	1.5	Load Capacity / rated load	Q(t)	1.5			
	1.6	Load centre distance	c(mm)	600			
	1.8	Load distance ,centre of drive axle to fork	x(mm)	808		802	
Weight	1.9	Wheelbase	Y(mm)	1225			
	2.1	Service weight	kg	440	518	543	567
	2.2	Axle loading, laden front/rear	kg	620/1320	674/1344	690/1353	707/1360
	2.3	Axle loading, unladen front/rear	kg	290/150	344/174	360/183	377/190
Tires, chassis	3.1	Tires		nylon/polyurethane			
	3.2	Tire size, front	Φ w (mm)	Φ180x50			
	3.3	Tire size, rear	Φ w (mm)	Φ74x93			
	3.4	Additional wheels(dimensions)	Φ w (mm)	Φ180x50			
	3.5	Wheels, number front/rear(x=driven wheels)		2/2			
	3.6	Track, front	b10 (mm)	740			
Dimensions	3.7	Track, rear	b11 (mm)	400			
	4.2	Lowered mast height	h1 (mm)	1978	1778	2028	2278
	4.3	Free Lift height	h2 (mm)			/	
	4.4	Lift height	h3 (mm)	1600	2500	3000	3500
	4.5	Extended mast height	h4 (mm)	1978	2991	3491	3991
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	770/1153			
	4.15	Height, lowered	h13 (mm)	83			
	4.19	Overall length	l1 (mm)	1778		1786	
	4.20	Length to face of forks	l2 (mm)	628		636	
	4.21	Overall width	b1 (mm)	844			
	4.22	Fork dimensions	s/e/l (mm)	60/180/1150			
	4.25	Distance between fork-arms	b5 (mm)	570			
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	28			
	4.33	Aisle width for pallets 1000X1200 crosswa	Ast (mm)	2230			
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2175			
	4.35	Turning radius	Wa (mm)	1400			
Performance data	5.2	Lift speed, laden/ unladen	m/s	0.07/0.15			
	5.3	Lowering speed, laden/ unladen	m/s	0.14/0.11			
	5.10	Service brake		manua			
	6.2	Lift motor rating at S3 10%	kW	1.6			
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		no			
	6.4	Battery voltage, nominal capacity K5	V/Ah	12/150			
	6.5	Battery weight	kg	46			



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STANDARD SEMI-ELECTRIC STACKER SPN15/15C Series [C=Economic Version]

INTRODUCTION

The SPN15 series semi-electric stacker is the cost-effective choice for short-distance transportation and stacking applications, with 1500kg capacity and lifting height from 1600mm up to 3500mm. With its compact and smart design, it is easy to maneuver and ideal to be used in confined spaces esp. narrow aisles.

Sturdy and reliable high quality channel-steel mast and solid base, with integrated steel electric box cover, makes the stacker the most robust to avoid any damages to increase the service life. Easy approach to all internal parts by unscrewing 4 screws at the cover for easy maintenance



Precise lifting and lowering via hand lever. Battery cut-off switch prevents unauthorized use.



Additional protection for the operator through foot protection on the steering rollers. Safe parking in any situation with mechanical parking brake.



Manual & Semi-Electric Stacker



SEMI-ELECTRIC STACKER

Manual drive Battery-Powered Hydraulic Stackers. Units have 110VAC plug-in charger and 12VDC battery. Include On/Off switch and illuminated volt meter to indicate battery and charge status. Heavy duty rigid frame and base.

FORK OVER BASE

- For narrow aisles and confined areas, with fixed legs for open pallets and skids only.
- Additional protection for the operator through foot protection on the steering rollers.
- Safe parking in any situation with mechanical parking brake.

Fork Over Base		110V-2.1HP 110VAC-75.4mm			
Model		SPN1016USA	SPN1025USA	SPN1030USA	SPN1033USA
Capacity	kg	1000	1000	1000	1000
Lifting Height Max.	mm	1600	2500	3000	3300
Lifting Height Min.	mm	90	90	90	90
Outer width of forks	mm	685	685	685	685
Fork Length	mm	1100	1100	1100	1100
Fork Width	mm	160	160	160	1600
Base Legs I.D.	mm	405	405	405	405
Base Legs O.D.	mm	654	645	645	645
Overall Length	mm	1632	1715	1715	1715
Overall Width	mm	777	777	777	777
Overall Height	mm	1978	1828	2078	2228
Load Center	mm	600	600	600	600
Voltage	V	12	12	12	12
Front Wheel Dia.	mm	74	74	74	74
Rear Wheel Dia.	mm	180	180	180	180
Wheel Type		4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel

- Study and reliable mast made of rolled U-profiles. Hard chrome plated piston. Adjustable lifting chain. Powerful lift motor 2.1 HP.
- Integrated 150 AH maintenance free battery supplies strong power to effect frequent lifting tasks, an integrated charger facilitates easy and reliable charging of the integrated battery.





SEMI-ELECTRIC PLATFORM AND FORK LIFT

Semi-electric Platform Lift						180-2318 INCHES-25.4MM	
Model		SPN0516	SPN0517-21	SPN0517-32	SPN0519	SPN0520-21	SPN0520-32
Capacity	kg	500	500	500	500	500	500
Lifting Height Max.	mm	1600	1730	1730	1930	2030	2030
Lifting Height Min.	mm	40	145	145	40	145	145
Platform Length	mm	635	610	760	635	610	760
Platform Width	mm	55	610	820	555	610	820
Base Legs I.D.	mm	4100	385	385	410	385	385
Base Legs O.D.	mm	535	535	535	535	535	535
Overall Length	mm	1305	1148	1148	1305	1148	1148
Overall Width	mm	708	724	724	708	724	724
Overall Height	mm	1978	2036	2036	2308	2336	2336
Load Center	mm	350	3300	410	350	330	410
Lift Speed Loaded	sec.	13	14	14	15	16	16
Lift Speed Unloaded	sec.	7	7.5	7.5	8	8.5	8.5
Front Wheel Dia.	mm	100	126	126	100	126	126
Rear Wheel Dia.	mm	180	180	180	180	180	180

- 21" base for narrow aisles and confined areas, with fixed legs for open pallets and skids only.
- 32" for straddling loads, skids, or objects. Feature fixed base and legs. Platform lower to ground.
- Study and reliable mast made of rolled U-profiles. Hard chrome plated piston. Adjustable lifting chain. Powerful lift motor 2.1 HP.
- Integrated 150 AH maintenance free battery supplies strong power to effect frequent lifting tasks, an integrated charger facilitates easy and reliable charging of the integrated battery.
- Additional protection for the operator through foot protection on the steering rollers.
- Safe parking in any situation with mechanical parking brake.



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- Adjustable base legs for lifting loads, skids, racks, and objects.
- Forks adjust from side to side to accommodate skid widths.

Adjustable Base Legs

160-2.218 1100-20.4mm

Model		SPN1016A	SPN1025A	SPN1030A	SPN1035A
Capacity	kg	1000	1000	1000	1000
Lifting Height Max.	mm	1600	2500	3000	3500
Lifting Height Min.	mm	55	55	55	55
Fork Length	mm	1067	1067	1067	1067
Fork Width	mm	100	100	100	100
Base Legs I.D.	mm	1110 to 1250	1110 to 1270	1110 to 1250	1110 to 1250
Base Legs O.D.	mm	1250 to 1390	1250 to 1390	1250 to 1390	1250 to 1390
Overall Length	mm	1470	1470	1470	1470
Overall Width	mm	1250 to 1390	1250 to 1390	1250 to 1390	1250 to 1390
Overall Height	mm	1988	1838	2088	2328
Load Center	mm	600	600	600	600
Voltage	V	12	12	12	12
Front Wheel Dia.	mm	128	128	128	128
Rear Wheel Dia.	mm	180	180	180	180
Wheel Type		4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel

- Adjustable forks lowers to the minimum height 2 1/8".
- Study and reliable mast made of rolled U-profiles. Hard chrome plated piston. Adjustable lifting chain. Powerful lift motor 2.1 HP.
- Integrated 150 AH maintenance free battery supplies strong power to effect frequent lifting tasks, an integrated charger facilitates easy and reliable charging of the integrated battery.

ADJUSTABLE BASE LEGS





FIXED BASE LEGS

- Fixed straddle base legs for straddling loads, skids, or objects.
- Feature fixed base and legs. Forks lower to ground.
- Adjustable forks lowers to the minimum height 2".

Fixed Base Legs		100-2,310 1000-25,000					
Model		SPN1016Y38	SPN1016Y48	SPN1030Y38	SPN1030Y48	SPN1035Y38	SPN1035Y48
Capacity	kg	1000	1000	1000	1000	1000	1000
Lifting Height Max.	mm	1600	1600	1600	1600	1600	1600
Lifting Height Min.	mm	50	50	50	50	50	50
Fork Length	mm	915	915	915	915	915	915
Fork Width	mm	100	100	100	100	100	100
Base Legs I.D.	mm	762	962	762	962	762	965
Base Legs O.D.	mm	962	1165	962	1165	962	1165
Overall Length	mm	1456	1456	1456	1456	1456	1456
Overall Width	mm	962	1165	962	1165	962	1165
Overall Height	mm	1978	1978	2078	2078	2328	2328
Load Center	mm	500	500	500	500	500	500
Voltage	V	12	12	12	12	12	12
Front Wheel Dia.	mm	102	102	102	102	102	102
Rear Wheel Dia.	mm	180	180	180	180	180	180
Wheel Type		4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel	4 Rigid, 2 Swivel

- Study and reliable mast made of rolled U-profiles. Hard chrome plated piston. Adjustable lifting chain. Powerful lift motor 2.1 HP.
- Integrated 150 AH maintenance free battery supplies strong power to effect frequent lifting tasks, an integrated charger facilitates easy and reliable charging of the integrated battery.
- Additional protection for the operator through foot protection on the steering rollers. Safe parking in any situation with mechanical parking brake.



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TOP QUALITY SEMI-ELECTRIC STACKER

Cost-effective option for carrying out diverse stacking operations (loading capacity from 1000 kg to 1500kg, optional lift height of 1600mm, 2500mm, 3000mm and 3500mm) and the loading and unloading of utility vehicles.

Sturdy and reliable mast made of rolled U-profiles. Hard chrome plated piston. Adjustable lifting chain. Powerful lift motor 1.5 KW.



Precise lifting and lowering via hand lever. Battery cut -off switch prevents unauthorized use.



Additional protection for the operator through foot protection on the steering rollers. Safe parking in any situation with mechanical parking brake.

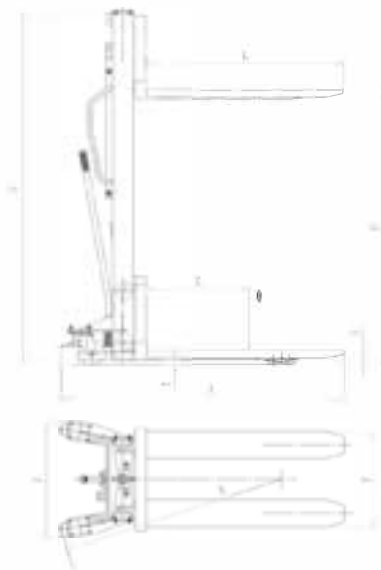




Integrated 150 AH maintenance free battery supplies strong power to effect frequent lifting tasks, an integrated charger facilitates easy and reliable charging of the integrated battery

Optional choice of fixed fork(570*1100mm) and adjustable fork(330-640*900mm)

Residual Capacity at different lifting height		
Up to h3 mm	ACTUALCAPACITY (Q) kg	
1500	1000	500
2500	1000	400
3000	600	300
Load centre distance (C) mm	600	800



Technical Data				1KG=2.2LB 1INCH=25.4MM		
Item		Model of manufacture		SPM1016	SPM1025	SPM1030
Characteristics	1.3	Drive (electric-battery or mains, diesel, petrol, fuel gas, manual)		manual	manual	manual
	1.4	Type of operation (hand, pedestrian, standing, seated, order picker)		pedestrian	pedestrian	pedestrian
	1.5	Load capacity / rated load	Q (kg)	1000	1000	1000
	1.6	Load centre distance	c (mm)	600	600	600
	1.8	Load distance	X (mm)	795	785	785
	1.9	Wheelbase	y (mm)	1210	1210	1210
Weight	2.1	Weight (including battery)	kg	330	410	430
Wheels Chassis	3.1	Tyres (solid rubber, superelastic, nylon, polyurethane)		Nylon/PU	Nylon/PU	Nylon/PU
	3.2	Tyre size, front	mm	180x50	180x50	180x50
	3.3	Tyre size, rear	mm	74x70	74x70	74x70
	3.5	Wheels, number front/rear		2/4	2/4	2/4
	3.6	Track width, front	b _{ss} (mm)	680	680	680
	3.7	Track width, rear	b _{rs} (mm)	400/490	400/490	400/490
Basic Dimensions	4.2	Lowered mast height	h ₁ (mm)	1980	1830	2080
	4.4	Lift height	h ₂ (mm)	1600	2500	3000
	4.5	Extended mast height	h ₃ (mm)	1980	3070	3570
	4.9	Height of handle min./max.	h ₄ (mm)	790/1156	790/1156	790/1156
	4.15	Fork height lowered	h ₅ (mm)	85	85	85
Basic Dimensions	4.19	Overall length	L ₁ (mm)	1710/1510	1720/1520	1720/1520
	4.20	Length to face of forks	L ₂ (mm)	610/670	620/670	620/670
	4.21	Overall width	b ₁ (mm)	777	777	777
	4.22	Fork dimensions	s/e/L (mm)	60/180/1100 60/150/900	60/180/1100 60/150/900	60/180/1100 60/150/900
	4.25	Width overforks	b ₂ (mm)	570 330-640	570 330-640	570 330-640
	4.33	Aisle width for pallets 1000x1200 crossways	Ast (mm)	2232	2232	2232
	4.34	Aisle width for pallets 800x1200 lengthways	Ast (mm)	2166	2166	2166
	4.35	Turning radius	Wa (mm)	1400	1400	1400
Performance	5.2	Lift speed, laden/unladen	mm/s	90/140	90/140	90/140
	5.3	Lowering speed, laden/unladen	mm/s	120/100	120/100	120/100
	5.11	Parking brake		manual	Manual	Manual
E-Motor	6.2	Lift motor	kw	1.5	1.5	1.5
	6.4	Battery voltage, nominal capacity	V/Ah	12/150	12/150	12/150
	6.5	Battery weight	kg	45	45	45

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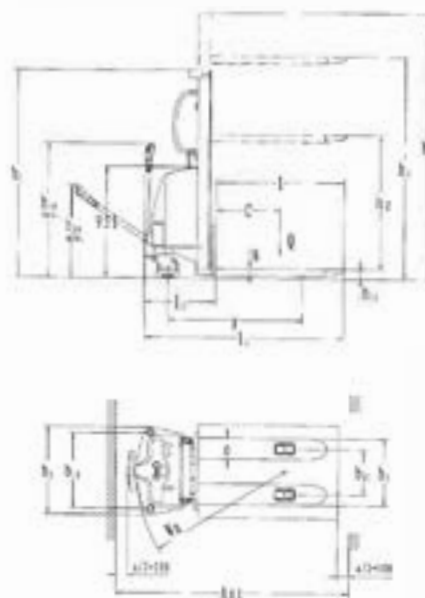
HEAVY DUTY SEMI-ELECTRIC STACKER

Residual Capacity at different lifting height 1600-2500 1500-2000

Up to h3 mm	ACTUAL CAPACITY (Q) kg	
1600	1500	
2500	1500	
3000	800	
Load centre distance (C) mm	600	



Study and reliable mast made of rolled U-profiles.
Hard chrome plated piston.
Adjustable lifting chain.
Powerful lift motor 1.5 KW.





Technical Data

1KG=2.2LB 1INCH=25.4MM

Identification	1.2	Model of manufacture	SPM1516	SPM1525	SPM1530	SPM1535	SPM1529FFL
	1.3	Drive: (electric-battery or mains, diesel, petrol, fuel gas, manual)			manual		
	1.4	Type of operation (hand, pedestrian, standing, seated, order picker)			pedestrian		
	1.5	Load capacity / rated load			1500		
	1.6	Load centre distance			600		
Weights	1.9	Wheelbase			1180		
	2.1	Weight (including battery)	436	516	543	570	554
Wheels, Chassis	3.1	Tyres (solid rubber, superelastic, nylon, polyurethane)			Nylon/PU		
	3.2	Tyre size, front			180x50		
	3.3	Tyre size, rear			74x70		
	3.5	Wheels, number front/rear			2/4		
	3.6	Track width, front			680		
Basic Dimensions	3.7	Track width, rear			390/490		
	4.2	Lowered mast height	1980	1760	2030	2280	2030
	4.3	Free lift					1490
	4.4	Lift height	1600	2500	3000	3500	2900
	4.5	Extended mast height	1980	3620	3520	4020	3520
	4.9	Height of handle min./max.			790/1156		
	4.15	Fork height lowered			65		
	4.19	Overall length	1725/1525		1725/1535		
	4.20	Length to face of forks	628		830		
	4.21	Overall width			777		
	4.22	Fork dimensions			60/160/1100 60/50/900		
	4.25	Width over forks			576 330-640		
	4.33	Aisle width for pallets 1000x1200 crossways			2255		
	4.34	Aisle width for pallets 800x1200 lengthways			2212		
	4.35	Turning radius			1400		
Performance Data	5.2	Lift speed, laden/unladen			65/100		72/112
	5.3	Lowering speed, laden/unladen			85/70		96/80
	5.11	Parking brake			manual		
E-Motor	6.2	Lift motor			1.5		
	6.4	Battery voltage, nominal capacity			12/150		
	6.5	Battery weight			45		



MANUAL TABLE LIFTER

Table Truck		1KG=2.2LB 1INCH=25.4MM				
ITEM \ TYPE		TF15	TF30	TF50	TF75	TF100
Capacity Q	kg	150	300	500	750	1000
Min. table height h_s	mm	220	285/340	285/340	420	380
Max. table height h_t	mm	720	880	880	990	990
The dimension of table	mm	700x450x36	815x500/850x500	815x500/850x500	1000x510x55	1016x510x55
Caster wheel	mm	ϕ 100x25	ϕ 125x40	ϕ 125x40	ϕ 147x50	ϕ 125x50
Foot pedal cycles to max.height		≤ 28	≤ 27	≤ 27	≤ 45	≤ 82
N.W.	Kg	46	77	81	125	140
Height of handle from the ground	mm	950	990	990	990	980

Lifting lowering transporting

Always the correct working height.

Steel construction with platform made from sheet steel, chrome plated handle.



Foot pedal operated hydraulic lifting.



Optional screw type lowering and cable type lowering.





DOUBLE SCISSOR MANUAL TABLE LIFTER



Table Truck		1KG=2.2LB 1INCH=25.4MM	
ITEM \ TYPE		TFD35	TFD70
Capacity Q	kg	350	700
Min. table height h_{13}	mm	355	445
Max. table height h_1	mm	1300	1500
The dimension of table	mm	910x500x53	1220x610
Caster wheel	mm	ϕ 125x40	ϕ 125x40
Foot pedal cycles to max.height		≤ 53	≤ 97 times
N.W.	Kg	105	195
Height of handle from the ground	mm	975	1015

GRAND MANUAL TABLE LIFTER

Diverse lifting height, capacity and table platform size on request, customerize your needs.



Table Truck		1KG=2.2LB 1INCH=25.4MM	
ITEM/TYPE		TG50	TG100
Capacity	Kg	500	1000
Min.table height	mm	290	360
Max.table height	mm	915	1360
Dimension of Table	mm	1600x810	2035x750
Caster Wheel	mm	ϕ 125x40	ϕ 180x50/ ϕ 80x40
Foot pedal cycles to max.height		≤ 55 times	≤ 200 times
N.W.	Kg	154	198
Height of handle from the ground	mm	975	1000





Mobile Stainless Scissor Lift Tables

Capacity: 100kg-450kg

Optional various table
sizes & lift heights

Stainless steel for anti-
corrosion applications
(Attention: Scissors &
Pumps are galvanneal)



Model	Capacity (kg)	Material	Length of table(mm)	Width of table(mm)	Min.height (mm)	Max.height (mm)
TFD15S	100	stainless steel	700	445	250	1220
TF30S	250	stainless steel	815	500	290	890
TFD35S	350	stainless steel	910	500	355	1295
TF50S	450	stainless steel	815	500	290	890





ELECTRIC TABLE LIFTER

Electric Table Truck		1KG=2.2LB 1INCH=25.4MM			
TYPE		ETF30	ETF50	ETF75	ETFD35
Capacity Q	Kg	300	500	750	350
Max.Table Height h_2	mm	880	1025	970	1300
Min Table Height h_1	mm	290	440	420	370
The Dimension Of Table Size (L*B)	mm	850x500x50	1010x520x50	1000x510x55	910x500x53
Caster Wheel ϕ	mm	ϕ 125x40	ϕ 150x48	ϕ 147x50	ϕ 125x40
Overall Length L_1	mm	1145	1305	1345	1210
Height Of Handle From The Ground h_3	mm	920	970	935	920
Lifting speed with load/without load	mm/s	65/94	65/94	70/80	90/110
Lowering speed with load/without load	mm/s	98/74	98/74	50/35	100/90
Lifting Cycle (fully charged)		120	100	100	100
Battery	4x12V12AH	2x12/15	4x12V12AH	4x12V12AH	4x12V12AH
Vertical Travel h_4	mm	590	585	550	930
Lifting Motor (DC24V KW)		0.8	0.8	0.8	0.8
Charger (built-in) 24V3A		8.5Hr	8.5Hr	8.5Hr	8.5Hr
Approx Lifting Speed		10	10	12	10
Net Weight	Kg	115	157	160	142



350kg capacity
1.3m Height
Table:910x500mm
Double scissor lift

Ideally suited for use as a feeding table on an assembly line.

Excellent hydraulic unit for raising table top to desired height.

Electrically operated table descent control.



ELECTRIC LIFTING PLATFORM

Compact hydraulic design with all safety components complying to EN1570,

High pressure cylinder with dual safety function.

Hard chrome plated piston rods.

Lift and lower by easily push buttons to reach the ergonomically correct working height.

With emergency switch off and a 3m long control cable.

With different loading capacity up to 3000kg for your option.

Multiple uses such as: lifting and lowering materials, level compensation when fitting machines, installations in conveyor system etc.



Electric Lifting Platform										
1KG=2.2LB 1INCH=25.4MM										
Model	ELF10A -24X48	ELF10A -48X48	ELF15A -36X48	ELF20A -48X48	ELF25A -32X56	ELF25A -48X72	HIW1.0EU	HIW2.0EU	HIW4.0EU	HIW3.0EU
Capacity (kg)	1000	1000	1500	2000	2500	2500	500	1000	2000	3000
Lowered height (mm)	200	200	200	200	250	250	190	190	190	220
Raised height (mm)	990	990	990	990	1200	1200	1010	1010	1010	1020
Platform size (LxW)(mm)	1220X610	1220X1220	1220X915	1220X1220	1420X815	1830X1220	1300X800	1300X800	1300X800	1300X800
Net weight (kg)	250	340	320	380	400	700	160	220	280	320
Lifting time with load (s)	20	20	25	50	60	60	15	25	40	26
Lifting speed with load (mm/s)	39	39	31	16	16	16	55	40	22	30
Lowering speed with load (mm/s)	64	64	64	35	20	20	40	35	33	40
Motor (kw)	0.75	0.75	0.75	0.75	1.5	1.5	0.75	0.75	0.75	1.5
Optional Voltage	115V,60HZ, single-phase / 230V,50HZ, single-phase / 380V,50HZ, 3-phase						230V,50HZ, single-phase / 380V,50HZ, 3-phase			380V,50HZ, 3-phase

Low Profile Electric Lifting Platform				U-shape	
1KG=2.2LB 1INCH=25.4MM				1KG=2.2LB 1INCH=25.4MM	
Model	HTFG05	HTF-G10	HTF-G20	Model	HTF-U10
Capacity (kg)	500	1000	2000	Capacity (kg)	1000
Lowered height (mm)	85	82	100	Lowered height (mm)	80
Raised height (mm)	760	760	1000	Raised height (mm)	760
Platform size (LxW)(mm)	1020X610	1450X1140	1560X1140	Platform size (LxW)(mm)	1450X1140
Net weight (kg)	96	250	376	Net weight (kg)	235
Lifting time with load (s)	10	18	55	Lifting time with load (s)	18
Lifting speed with load (mm/s)	75	42	16	Lifting speed with load (mm/s)	42
Lowering speed with load (mm/s)	34	48	23	Lowering speed with load (mm/s)	48
Motor (kw)	0.75	0.75	0.75	Motor (kw)	0.75
Optional Voltage	115V,60HZ, single-phase / 230V,50HZ, single-phase / 380V,50HZ, 3-phase	230V,50HZ, single-phase / 380V,50HZ, 3-phase	230V,60HZ, 3-phase / 230V,50HZ, single-phase / 380V,50HZ, 3-phase	Optional Voltage	230V,50HZ, single-phase / 380V,50HZ, 3-phase



LOW PROFILE ELECTRIC LIFTING PLATFORM

Compact hydraulic design with all safety components complying to En1570,
High pressure cylinder with dual safety function.

- Hard chrome plated piston rods.
- Lift and lower by easily push buttons to reach the ergonomically correct working height.
- With emergency switch off and a 3m long control cable.
- With different loading capacity up to 3000kg for your option.
- The tried and trusted lift table with sturdy construction.
- Multiple uses such as: lifting and lowering materials, level compensation when fitting machines, installations in conveyor system etc.



U-SHAPE ELECTRIC LIFTING PLATFORM

This 'U' shaped lift platform is ideal for lifting pallets or cages to a safe working height and suited for use as a feeding table on an assembly line.

- Supplied with remote power system and control unit with UP, DOWN and EMERGENCY STOP controls.
- The 'U' shape allows a pallet truck to position the pallet/cage onto the lift platform.
- Overload by-pass valve protects operator and pump.

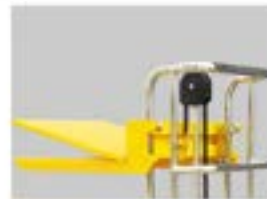




MANUAL PLATFORM STACKER

FP series		1400x525x810 1400x525x810		
Model		FP0485	FP0412	FP0415
Capacity Q	Kg	400	400	400
Max. height h_1	mm	980	1330	1630
Lift height h_3	mm	650	1000	1300
Min Platform height h_{13}	mm	200	200	200
Max. Platform height h_3+h_{13}	mm	850	1200	1500
Max. Width b_1	mm	590	590	590
Platform length	mm	650	650	650
Platform Width	mm	550	550	550
Steering roller	mm	φ 150X40	φ 150X40	φ 150X40
Load roller	mm	φ 150X40	φ 150X40	φ 150X40
weight	Kg	70	76	86

- The practical lifting device.
- Can also be used as working platform.
- Platform runs on lifting carriage up and down a chrome plated tubular frame.
- One unit design of hydraulic cylinder, pump and tank.



Lifting with folding pedal, lower with manual valve, easy operation.

PS		1400x525x810 1400x525x810		
Model		PS0485	PS0412	PS0415
Capacity Q	Kg	400	400	400
Max. height h_1	mm	1075	1425	1725
Lifting height h_3	mm	765	1115	1415
Min. platform height h_{13}	mm	85	85	85
Max. platform height h_3+h_{13}	mm	850	1200	1500
Max. Width	mm	600	600	600
Platform length	mm	650	650	650
platform width	mm	576	576	576
Size of fork ϕ 's	mm	650x110	650x110	650x110
Steering roller	mm	φ 127x40	φ 127x40	φ 127x40
Load roller	mm	φ 75x40	φ 75x40	φ 75x40
Weight	Kg	75	81	91





ELECTRIC PLATFORM STACKER

EPS & EFP

1KG=2.2LB 1INCH=25.4MM

Model		EPS0412	EPS0415	EFP0412	EFP0415
Capacity Q	Kg	400	400	400	400
Max. height h_1	mm	1425	1725	1330	1630
Min. platform height h_2	mm	85	85	1000	1300
Lifting height h_3	mm	1115	1415	200	200
Max. platform height h_3+h_2	mm	1200	1500	1200	1500
Max. Width	mm	600	600	590	590
Platform length	mm	650	650	650	650
platform width	mm	576	576	550	550
Steering roller	mm	φ 127x40	φ 127x40	φ 150x40	φ 150x40
Load roller	mm	φ 75x40	φ 75x40	φ 150x45	φ 150x45
lifting speed without load	mm	185	185	185	185
lifting speed with load	mm/sec	80	80	80	80
lowering speed without load	mm/sec	0-75	0-75	0-75	0-75
lifting speed with load	mm/sec	0-115	0-115	0-115	0-115
Battery		DC12V,60AH	DC12V,60AH	DC12V,60AH	DC12V,60AH
Motor		DC12V,700W	DC12V,700W	DC12V,700W	DC12V,700W



Features

A range of highly manoeuvrable, lightweight lifts, designed to take the strain out of any lifting job from ground level to over shoulder height Heavy duty design.

Quick lift pump provides high efficiency.
Conforms to EN1757



Easy operation with lifting and lower buttons



2 swivel castors with wheel stops. No-marking castor as standard.



LSP20

Stair climbing truck

With tri-star wheels

The u fatigue unload-heavy up the steps-reload is no longer necessary.

Your smart aid for transport of loads come across steps.



LSRU40

Push and carry trucks

Safe operation and easy to carry. Ideal for sensitive goods, heavy carton goods.

Solid rubber wheel for safety transport.

Safety plastic coated handle.

Light duty design.





SSRU35



SSPN30

Push and carry trucks

- Safe operation and easy to carry.
- Ideal for sensitive goods, heavy carton goods.
- Pneumatic wheel .
Safety plastic coated handle .
Light duty design

1 KG=2.2LB 1 INCH=25.4MM					
Model	LSRU40	LSPN30	LSP20	SSRU35	SSPN30
Capacity(kg)	400	300	200	350	300
External Dimension H*W	1200×550		1300×460	1200×460	
Deck Size	550×180			300×220	
Caster type	Rubber	Pneumatic		Rubber	Pneumatic
Caster Size	200×50	260×85	160×40	200×50	260×85



TP11

**Cheerful and light trolleys
Easy to handle For short
and quick transport With
2 fixed wheels,
wheels with solid rubber
tyres Steering wheels with
brakes.**



TP21

**Easying handling trolleys push handles
on both sides with 2 fixed wheels,
wheels with solid rubber tyres
steering wheels with brakes.**



1KG=2.2LB 1INCH=25.4MM

Item/Type	TP11	TP21
Capacity(kg)	200	200
Width of table(mm)	500	500
Length of table(mm)	810	810
Height(mm)	890	890
Caster wheel(mm)	φ 125×35	φ 125×35
Material	plastic	
N.W.(kg)	12.2	17.8
Package(mm)	185×815×540	185×815×540
20'ft container(pcs)	350	310



1KG=2.2LB 1INCH=25.4MM

Item/Type	TSS11	TSS22	TSS32	TSL11	TSXL12
Capacity(kg)	150	120	120	250	300
Width of table(mm)	480	480	480	610	760
Length of table(mm)	740	790	790	910	1160
Height(mm)	860	860	860	860	860
Material	Steel				
Caster wheel(mm)	φ 100×35	φ 100×35	φ 100×35	φ 125×35	φ 150×40
N.W.(kg)	12.5	21.0	26.1	18.6	44.9
Package(mm)	120×760×495		135×760×495	140×920×630	645×725×125
20'ft container(pcs)	585	520	440	320	129



With strong sealed plywood decking
Ergonomically designed to avoid rustiness
Much lighter,easier to handle


BNS33

BSL22/BSS22

BSL33/BSS33

BNL11/BNS11

BSL11/BSS11

WSS22

WSS11

1KG=2.2LB 1INCH=25.4MM

MODEL	BSL11	BNL11	BSL22	BSL33	BSS11	BNS11	BSS22	BSS33	BNS33	WSS11	WSS22
Capacity(kg)	200										150
External Dimension											
L*W*H	1135×700×930		1260×700×930		985×500×930		1110×500×930		1082×500×1095	985x450x890	835x525x1025
Caster	φ 125/37.5-50										
Deck Size	1000×700						850×500			900x450	765x525
N.W.(kg)	25.2	26.1	40.4	46	19.5	20.4	27.6	35.2	38	14	29
packing size(cm)	101*71*17.5	101*71*17.5	101*71*20	101*71*22.5	86*51*17	86*51*17	96*51*20.5	96*51*22	96*72*27	93*48*15	83*73*16



PZS150A

JZS150

JZS150(N)

1KG=2.2LB 1INCH=25.4MM					
Item/Type	TI32	TI22	PZS150A	JZS150 (N)	JZS150
Capacity(kg)	100	100	150	150	150
Width of table(mm)	410	410	475	420	420
Length of table(mm)	610	610	735	700/500	700/500
Height(mm)	900	900	830	830/670	830/670
Caster wheel(mm)	φ 100×35	φ 100×35	φ 100	φ 100	φ 100
Material	Stainless steel		Aluminum		
N.W.(kg)	11.2	9.2	8.0	7.5	7.5
Package(mm)	470×160×860	470×130×860			
20'ft container(pcs)	530	630	670	710	710



NP150/NP250/NP300/NP350

Aluminum Platform Trucks NP Series

Ideal for use of carrying materials in work shops, offices, library, hotels, catering, retails, which request handy material handling solutions.

Aluminum deck and frame:

Light weight, easy to handle, impact-resistant with non-slipsurface, suitable for carrying various materials.



Type	NP150	NP250	NP300	NP350
Deck Material	Aluminum			
Handle Type	Folding			
Load Capacity	150kg	250kg	300kg	350kg
Deck L*W	750×470mm	900×610mm	1200×610mm	1520×750mm
Overall Height H	900mm		950mm	
Caster Wheel Dia.D	100mm		125mm	
Caster Wheel Width	35mm		35mm	
Net Weight	10kg	15kg	16kg	26.2kg
Caster Wheel Material	Rubber			
Caster Configuration	(2)Rigid,(2)Swivel			(2)Rigid,(3)Swivel
Number of Caster Wheels	4			5
Frame Material	Aluminum			
Package(mm)	760*500*120	920*630*140	1220*630*140	1530*760*150



PT150/PT150B/PT300/PT300B

Plastic Platform Trucks PT Series

Plastic deck and steel frame:

Light weight, easy to handle, impact-resistant with non-slip surface, suitable for carrying various materials.

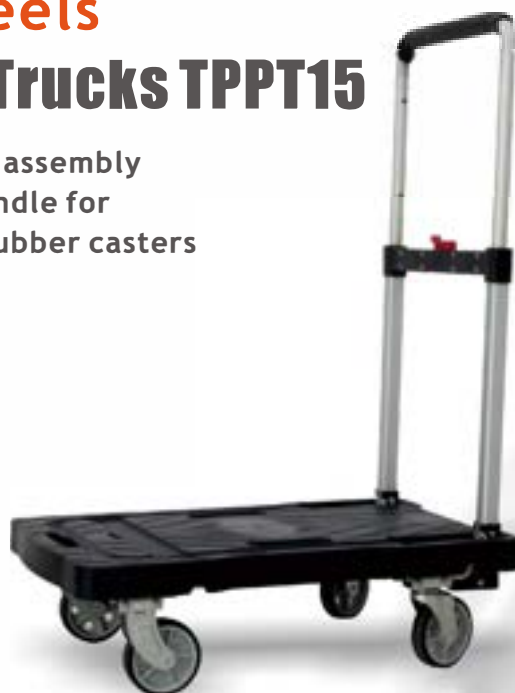


Type	PT150	PT150B	PT300	PT300B	TPPT15
Deck Material	Plastic				
Handle Type	Folding				Extendable
Load Capacity	150kg		300kg		150kg
Deck L*W	710×460mm		900×600mm		650×420mm
Overall Height H	900mm		930mm		920mm
Caster Wheel Dia.D	100mm		125mm		100mm
Caster Wheel Width		35mm			25mm
Net Weight	10.4kg	12kg	15.2kg	17.5kg	6.8kg
Caster Wheel Material	Rubber				
Caster Configuration	(2)Rigid,(2)Swivel				
Number of Caster Wheels	4				
Frame Material	Steel				Aluminum
Package(mm)	730*130*480	760*280*480	920*140*630	950*320*630	660*420*80

TPPT15 Foldable handle and rubber caster wheels

Foldable Plastic Platform Trucks TPPT15

Smart foldable design of the truck requests no assembly for end users and space saving. Extendable handle for different handle heights. 2 rigid and 2 swivel rubber casters for quiet operation and long service life.





SHOP CRANE

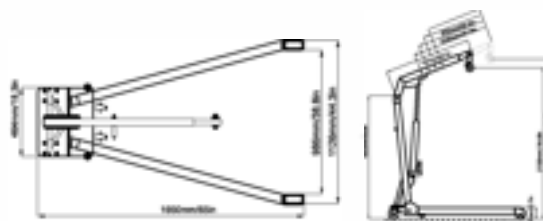
Space saver fold compact design, crane volume for trucking into a corner of the shop and out of the way when not in use 4-wheel construction for great stability and easy rolling, 2 swivel castors.



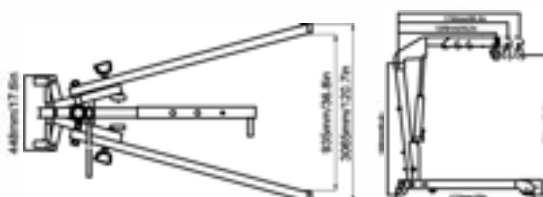
PDJ10 1KG=2.2LB 1INCH=25.4MM		
Specification	Unit	PDJ10
Lifting capacity	kg	250-1000
Beam length	mm	1160-1460
Beam height	mm	0- 2350
Base size	mm	1126× 1650
Power unit	ton	7
N.W	kg	115



- Lifting range from approximately 2150mm to 2350mm.
- Thick gauge heavy-duty all tubular steel construction.
- With built-in overload system provides protection if maximum load is more then rated capacity.
- Release valve on hydraulic ram allows controlled lowering.



NDJ10 1KG=2.2LB 1INCH=25.4MM		
Specification	Unit	NDJ10
Lifting capacity(beam extended-closed)	Kg	700 - 1000
Beam length(closed-extended)	mm	1225 - 1525
Beam height(closed-extended)	mm	0 - 1790
Base size	mm	1065× 1775
Power unit(long ram jack)	Ton	8
N.W/G.W	Kg	137.6



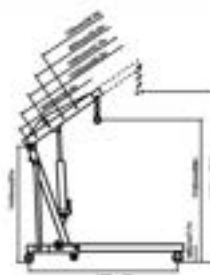
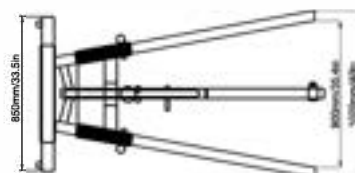


**Space saver fold
compact design, crane
volume for trucking into a
corner of the shop and out
of the way when not in
use 6-wheel construction
for great stability and
easy rolling,
2 swivel castors.**

**SDJ2**

1KG=2.2LB 1INCH=25.4MM

Specification	Unit	SDJ2
Lifting capacity(boom extended-closed)	kg	500-2000
Boom length(closed-extended)	mm	960-1500
Boom height(closed-extended)	mm	350-1840
Base size	mm	1700×1010
Power unit(long ram jack)	mm	8
N.W/G.W	kg	92/98
Package Dimension (2 cartons)	mm	860×650×160 1320×270×170
Container load	Pcs/20'	165





SKATES



**To be used for heavy objects while its moving, which makes the movement much more easier;
 Use heavy duty sealed bearings to spread around the loading and ensure the ease of movement;
 Use best nylon wheels to protect the floors from damage;
 The skate roller is maintenance-free and can be fitted with handles for carrying;
 Platform with rubber surface help stability and supplies the protection for the object loaded.**

Steerable skates					
1KG=2.2LB 1INCH=25.4MM					
Model	FW06	FW02	FW025	FY12	FY06
Capacity (ton)	6	2	2.5	12	6
Load Wheels	6	8	2	8	6
Wheel Size(mm)	φ 86×90	φ 100×42	Φ 86×90	φ 115×60	Φ 83×60
Skate Size(mm)	395×330×101	408×220×118	285X120X101	400×345×145	327×250X107.5(288X1082)
Weight (kg)	13.8	8.4	8.40	40	20.50


Adjustable & Steerable Skates

1KG=2.2LB 1INCH=25.4MM

Model	AS20-N AS20-P	AS40-N AS40-P	AS60-N AS60-P	SS40-N SS40-P	SS60-N SS60-P	AS120-N AS120-P	SS240-N SS240-P
Capacity(ton)	2	4	6	4	6	12	24
Load wheels	2pcs nylon/pu	4pcs nylon/pu	6pcs nylon/pu	4pcs nylon/pu	6pcs nylon/pu	8pcs nylon/pu	16pcs nylon/pu
Wheel size(mn)	φ 82x100	φ 82x100	φ 82x100	φ 82x100	φ 82x100	φ 115x60	φ 115x60
Skate size(mn)	115x270x110	230x270x110	345x270x110	250x310x110	560x3385x110	400x345x145	1120x415x145
Weight(kg)	7.5	17	25	16	50	40	40

AS=Adjustable Skate SS=Steerable Skate N=Nylon P=Polyurthane NA/PA=Built-up Available


**AS20-NA
AS20-PA**
AS20-N
AS20-P
AS40-N
AS60-P
AS120-N
Top-quality skate rollers

1KG=2.2LB 1INCH=25.4MM

Model	SFW03
Capacity(Ton)	3
Load Wheels	4
Wheel Size	φ 86×90(mm)
Skate Size	305×231×108 (956×253×40) (mm)
Weight(kg)	14.40



X SERIES



XY SERIES

Y-Series is suitable for loading and transportation of heavy objects with different sizes and can be adjustable.

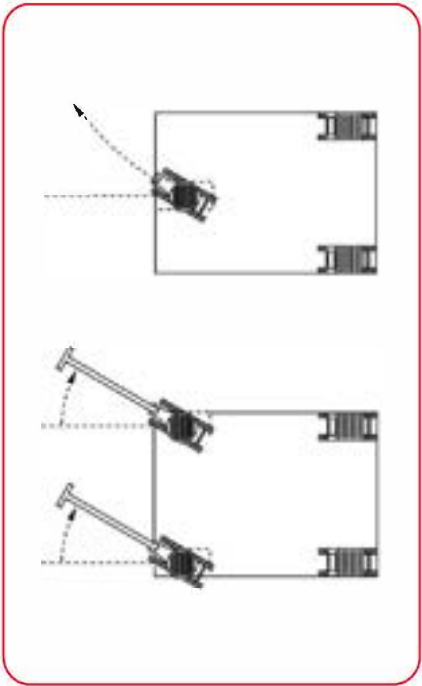
X-Series can balance by itself and walk on an even keel on uneven ground.

1KG=2.2LB 1INCH=25.4MM

Model		NO. of Rollers	Dimensions of Turnplate (mm)	Length of Handle Adjusting Length of Lever (mm)	Overall Size(mm)	Capacity(T)	N.w.(kg/lb)
X4+Y4	X4	4	Ø150	800	230×230×110	8	28
	Y4	4	140×120	300-1000	170×140×110		
X8+Y8	X8	8	Ø160	1100	560×420×110	16	72
	Y8	8	200×160	400-1300	200×200×110		
X12+Y12	X12	12	Ø180	1100	750×450×110	24	100
	Y12	12	220×180	400-1400	256×200×110		
X16+Y16	X16	16	Ø200	1100	936×500×110	32	124
	Y16	16	240×200	400-1500	310×220×110		
X18+Y18	X18	18	Ø200	1500	780×550×110	36	138
	Y18	18	280×200	400-1500	300×550×110		

CT-TYPE1KG=2.2LB 1INCH=25.4MM					
MODEL	LENGTH (mm/inch)	WIDTH (mm/inch)	HEIGHT (mm/inch)	N.W (kg/lb)	CAP
CT-4	300	222	100	14	6T
	11.8	8.7	4		
CT-6	400	222	100	21	8T
	15.7	8.7	4		
CT-8	500	222	100	28	12T
	19.7	8.7	4		
CT-9	400	308	100	34	15T
	15.7	12	4		
CT-12	500	312	100	45	18T
	19.7	12.3	4		

CTA-TYPE1KG=2.2LB 1INCH=25.4MM					
MODEL	LENGTH (mm/inch)	WIDTH (mm/inch)	HEIGHT (mm/inch)	N.W (kg/lb)	CAP
CTA-4	300	222	110	16	6T
	11.8	8.7	4.3		
CTA-6	400	222	110	23	8T
	15.7	8.7	4.3		
CTA-8	500	222	110	30	12T
	19.7	8.7	4.3		
CTA-9	400	308	110	37	15T
	15.7	12	4.3		
CTA-12	500	312	110	48	18T
	19.7	12.3	4.3		





PANEL TRUCK

- Casters (2 rigid, 2 swivel) are equipped with brakes for safety.
- Make it easy for one person to transport almost any type of sheet goods.

PANEL TRUCK

Model	Description	Table dimension (mm)	Capacity (kgs)	Caster Dia. (mm)	Wheel Type	Deck Type	Overall Dimension (LxWxH) (mm)
4ZH27	Panel Rack Cart	815x685	700	102	Phenolic	Steel	760×690×1120
4ZH28	Heavy Duty Panel Cart	915x750	1800	127	Polyurethane	Steel	900×770×965
4ZH29	A-frame Panel Cart	1905x915	900	127	Polyurethane	Steel	1920×920×1400



PANEL RACK CART

Heavy-duty construction for moving large, hard-to-handle items such as sheets of plywood, drywall, paneling, doors, and lumber. Features a removable plastic basket for tools and accessories. Handy center bar detaches for moving tables, partitions, and other bulky items.

HEAVY DUTY PANEL CART

Extra heavy-duty steel construction. Cart has three removable vertical supports, 27 1/4" above platform, to provide support for sheets of metal, dry well, etc. 12 1/8" spacing between vertical supports accommodates wide pipe or multiple sheets.



A-FRAME PANEL CART

All welded steel deck, particularly suited to moving large, bulky sheets of materials. Built-in tool tray located between A-frame uprights.



STEEL NESTING PLATFORM TRUCK

- Hinged steel platform allows trucks to nest to save storage space. Powder-coated steel platform resists scratches and rust.
- Features 2 rigid and 2 swivel casters with quick change caster pads. Removable handle to save ship space and costs.

6IN. LIP-UP DECK STEEL PLATFORM

Model	Capacity (kgs)	Deck Length (mm)	Deck Width (mm)	Deck Height (mm)	Caster Dia. (mm)	Wheel Type	Deck Type	Overall Dimension (LxWxH) (mm)
SNPT4	700	1220	610	270	152	Rubber	Steel	1300×735×955
SNPT5	700	1370	685	270	152	Rubber	Steel	1300×810×955
SNPT6	700	1525	760	270	152	Rubber	Steel	1610×885×955





- Feature heavy-duty, all-welded steel pipe construction. Mounting plate is predrilled with four 7/8 dia. x 1 1/4" slotted holes. Powder-coated safety yellow for high visibility and scratch resistance.

MACHINE GUARDS AND SAFETY BOLLARDS

HIGH-PROFILE MACHINE GUARD

Ideal for in-plant use to protect expensive equipment from fork truck damage.

LOW-PROFILE MACHINE GUARD

May be used indoors to protect valuable pallet racking, or outdoors to guide semi-trailers when backing into loading docks.

SAFETY BOLLARDS

Feature heavy duty all welded steel pipe construction. Can be used indoors and outdoors to protect work areas.

MACHINE BOLLARD AND SAFETY BOLLARDS						1600-11.010 1600-11.010
Model	Description	Overall Length (mm)	Overall Height (mm)	Pipe Dia. (mm)	Mounting Plate Dimensions (mm)	QTY. Per Package
3SB24	Safety bollard	1	610	115	203x203x9.5	64
W145	Safety bollard	1	915	115	203x203x9.5	64
3SB42	Safety bollard	1	1070	115	203x203x9.5	64
5SB36	Safety bollard	1	915	140	203x203x9.5	49
5SB42	Safety bollard	1	1070	140	203x203x9.5	49
16MG36	High-profile Guard	915	405	115	203x203x9.5	8
16MG48	High-profile Guard	1220	405	115	203x203x9.5	8
24MG36	High-profile Guard	915	610	115	203x203x9.5	8
24MG48	High-profile Guard	1220	610	115	203x203x9.5	8
36MG36	High-profile Guard	915	915	115	203x203x9.5	8
36MG48	High-profile Guard	1220	915	115	203x203x9.5	8
W170	High-profile Guard	1220	1070	115	203x203x9.5	8
9MG36	Low-profile Guard	915	230	115	203x203x9.5	8
W178	Low-profile Guard	1220	230	115	203x203x9.5	8



- Designed to be used when long objects or large pallets must be lifted and moved with a fork truck. It is required that extensions do not exceed length of forks on which they are installed by more than 50%.
- Welded steel construction. Fit onto forks up to 50mm thick. Steel retaining strap prevents fork extensions from sliding off forks during use. Powder coat yellow finish.

FORK EXTENSIONS					1600-11.010 1600-11.010
Model	Extended Length (mm)	Min. Fork Length (mm)	Fitting Fork Width (mm)	Fork Width (mm)	QTY. Per Package
3KR57	1525	1015	100	130	25
3KR58	1830	1220	130	150	25
3KR59	1830	1220	150	180	20
3KR60	1525	1015	130	150	25
6XX13	1830	1220	100	130	25
6XX14	2440	1625	100	130	24
6XX15	2440	1625	130	150	20
6XX16	2440	1625	150	180	16

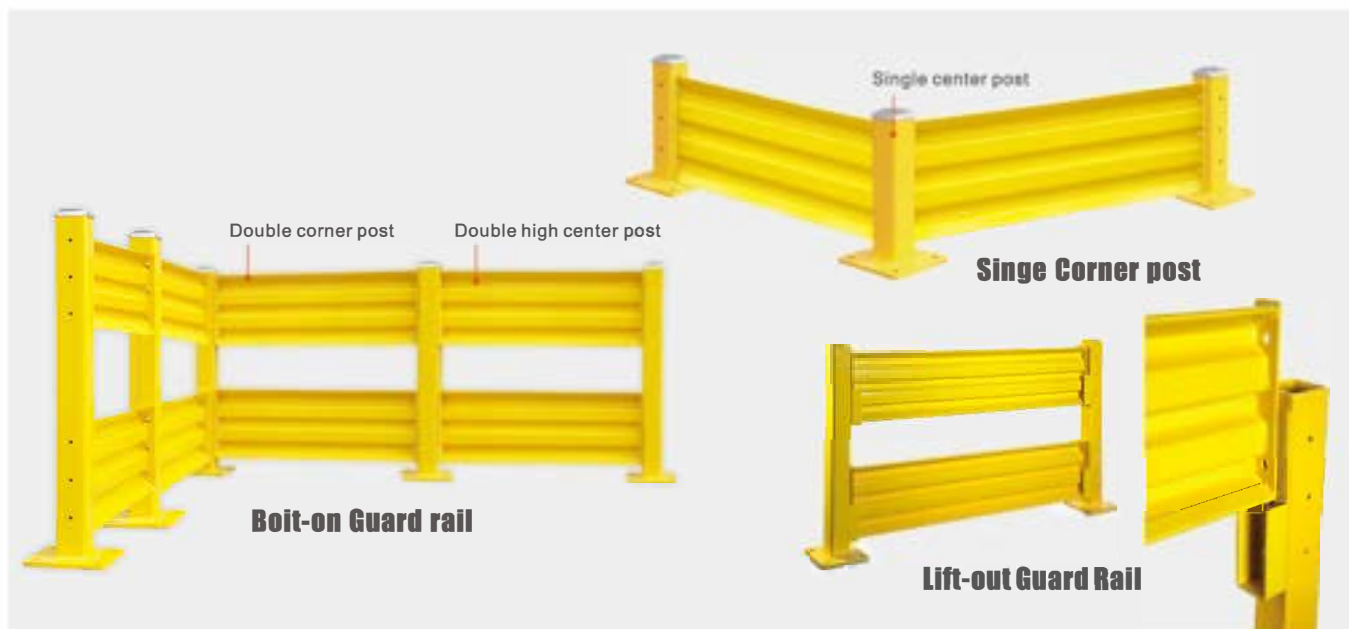
FORK EXTENSION





GUARD RAILS AND POSTS

- 1/8" (11-ga.) steel for outdoor and indoor use; protect individuals, equipments, and inventory. Industrial yellow powder coat finish increases visibility, durability and safety.
- Combine as a modular system which can be installed, removed, or expanded.



BUILT-ON RAILS

Simple to assemble and install, rails come in several lengths for custom installations. All hardware, including bolts, anchors, washers, and nuts, is provided with post sections. Highly impact-resistant, triple-ridge corrugated design has no sharp edges or corners.

3-RIBBED BOLT-ON GUARD RAILS

Model	Description	Overall Length (mm)	Overall Height (mm)	QTY. Per Package
W8U1	1 FT bolt on rail	205	370	16
W857	2 FT bolt on rail	510	370	16
W858	3 FT bolt on rail	815	370	18
W804	4 FT bolt on rail	1120	370	18
W859	5 FT bolt on rail	1420	370	18
W805	6 FT bolt on rail	1730	370	18
W860	7 FT bolt on rail	2030	370	18
W806	8 FT bolt on rail	2340	370	18
W8U2	9 FT bolt on rail	2640	370	18
W807	10 FT bolt on rail	2945	370	16

LIFT-OUT GUARD RAILS

Model	Description	Overall Length (mm) (not including the length of post saddle)	Overall Height (mm)	QTY. Per Package
W7U3	1 FT Lift out Rail	150	370	12
W730	2 FT Lift out Rail	460	370	12
W731	3 FT Lift out Rail	760	370	16
W774	4 FT Lift out Rail	1070	370	10
W732	5 FT Lift out Rail	1370	370	16
W775	6 FT Lift out Rail	1675	370	10
W756	7 FT Lift out Rail	1980	370	10
W776	8 FT Lift out Rail	2285	370	10
W7U4	9 FT Lift out Rail	2590	370	10
W777	10 FT Lift out Rail	2900	370	10

LIFT-OUT RAILS

Provided a strong barrier with easy accessibility. They have the same construction and profile as bolt-on rails, yet slide into post saddles for simple assembly. Each rail section includes two post saddles.



POST				1000-2.710 11000-25.400
Model	Description	Overall Height (mm)	Mounting Plate Dimensions (mm)	QTY. Per Package
W808	Single high corner post	470	254x254x16	32
W809	Single high center post	470	254x254x16	48
W810	Double high corner post	1085	254x254x16	24
W811	Double high center post	1085	254x254x16	24

POSTS

Two post heights come in both inline and corner configurations for single-row(high) and double-row (high) installation. Posts are made of round-corner, 4" square steel tube with 1/4" thick walls and are welded to a 10" square, round corner 5/8" thick steel base plate.



Posts

Galvanized Guard Rails

Galvanized Post

GALVANIZED 3-RIBBED BOLT-ON GUARD RAILS				1000-2.710 11000-25.400
Model	Description	Overall Length (mm)	Overall Height (mm)	QTY. Per Package
W8U1Z	1 FT bolt on rail	205	370	16
W857Z	2 FT bolt on rail	510	370	16
W858Z	3 FT bolt on rail	815	370	18
W804Z	4 FT bolt on rail	1120	370	18
W859Z	5 FT bolt on rail	1420	370	18
W805Z	6 FT bolt on rail	1730	370	18
W860Z	7 FT bolt on rail	2030	370	18
W806Z	8 FT bolt on rail	2340	370	18
W8U2Z	9 FT bolt on rail	2640	370	18
W807Z	10 FT bolt on rail	2945	370	18

GALVANIZED STEEL GUARD RAILS AND POSTS

Galvanized to resist corrosion. Components allow construction of single, double or triple rail system. Spring mounting post will flex, instead of breaking, after contact by equipment.

Tubular posts are machined for continuous rail mounting. Concrete mounting kit includes 4 lag anchors. Guards bolt-to end of guard rail section and include mounting hardware.

GALVANIZED POST				1000-2.710 11000-25.400
Model	Description	Overall Height (mm)	Mounting Plate Dimensions (mm)	QTY. Per Package
W808Z	Single high corner post	470	254x254x16	48
W809Z	Single high centerr post	470	254x254x16	48
W810Z	Double high corner post	1085	254x254x16	24
W811Z	Double high centerr post	1085	254x254x16	24



ELECTRIC PRODUCTS OVERVIEW



Ant Series

Entry Level
pallet Truck
&Stacker



EDGE Series

li-ion
Lithium-ion Battery

1500kg



PTE15/SPT15/EPT15W

1500kg



Tiger Series

Long-tiller Walkie
Electric Pallet Truck
&Stacker



PT16L/20L

li-ion
Optional
Lithium-ion Battery

1600/2000kg



PT25L

2500kg



Buffalo Series

Short-tiller Walkie
Electric Pallet Truck
&Stacker
(Optional Ride-on
platform)



PTE20/PT20

2000kg



PSB12/15

1200/1500kg
1.6/2.9/3.2m



Leopard Series

Ride-on
Electric Pallet Truck
&Electric Stacker



Traver speed
laden/unladen



PT 20/25 N

li-ion

2000/2500kg
7.8/8.0/ 6.0/7.0(Km/h)



PS 12/16/20 N

li-ion

1200/1600/ 2000kg 2.9—5.5m
7.0/8.0/ 6.0/7.0(Km/h)



La force habile

PTE18L



1800kg

PS05F



500kg
0.8/1.3m

PSE10M



1000kg
1.6/2.0m

ECL10



1000kg
1.6/2.0/2.9/3.2/3.5m

PT20I



2000kg
0.8/1.6/2.0/2.5m

PT20D



2000kg
0.8/1.6/2.0/2.5m

PS12L/16L



1200/1600kg
1.6 / 2.9 / 3.2 / 3.6 / 4.3m

PS20L



2000kg
2.9 / 3.2 / 3.6 / 4.3 / 4.6m

PS16W



1600kg
4.6m

PS15



1500kg
2.9/5m

PS20/PS20D



2000kg
2.6 / 2.9 / 3.6m

PT20/25/30PLUS



2000/2500/3000kg
7-12(Km/h)

PT25P



2500kg
9-12(Km/h)

PT27/36R



2700/3600kg
11/14/ 9.5/12(Km/h)



La force habile

ELECTRIC PRODUCTS OVERVIEW



Camel Series
Walkie
Ride-on or sit-on
Tow tractors

TE10



T30



1000kg

3000kg



Rino Series
Reach Truck
& Walkie Counter-
balance

PS14RP



PS13/15RM



1400kg

1300/1500kg



Elephant Series
Counter-balanced
Elephant Forklift

FE3R08-12N Series



FE3R-16N Series



800/1200kg

1600kg



Giraffe Series
Lift Table &
Platforms

SC05-06



SC05-06E



4.8/5.8M

4.9/5.9M



T60N



6000kg

OPL25



2500kg
9.0/12.0(Km/h)

PS15CB



1500kg
1.6/1.8/3.0/3.6/4.5M

RT 15/20/25ST



RT 14/16
RT20/20H



1500/2000/2500kg

FE3D16-20N Series



1600 / 1800 / 2000kg

FE4P16-35N Series



1600 / 1800 / 2000 / 2500 / 3000 / 3500kg

SC 08HC/EC



7.8M

SC 08/10HN/EN



8 / 10 M

SC 10/12/14/16H/E



10/12/14/15.7 M

