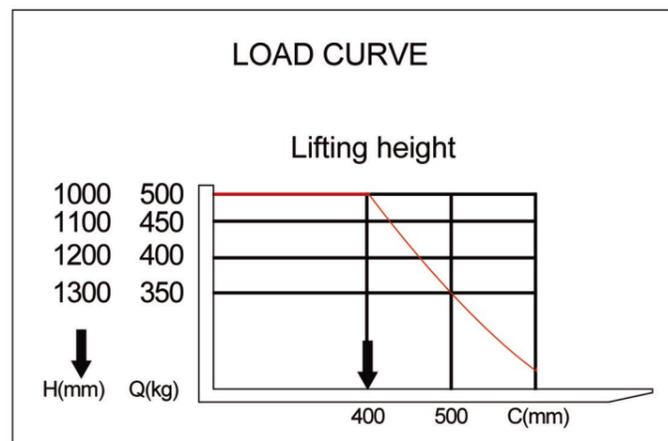
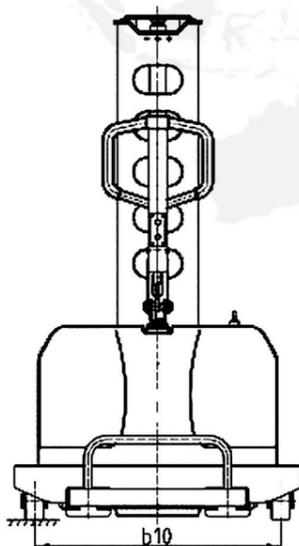
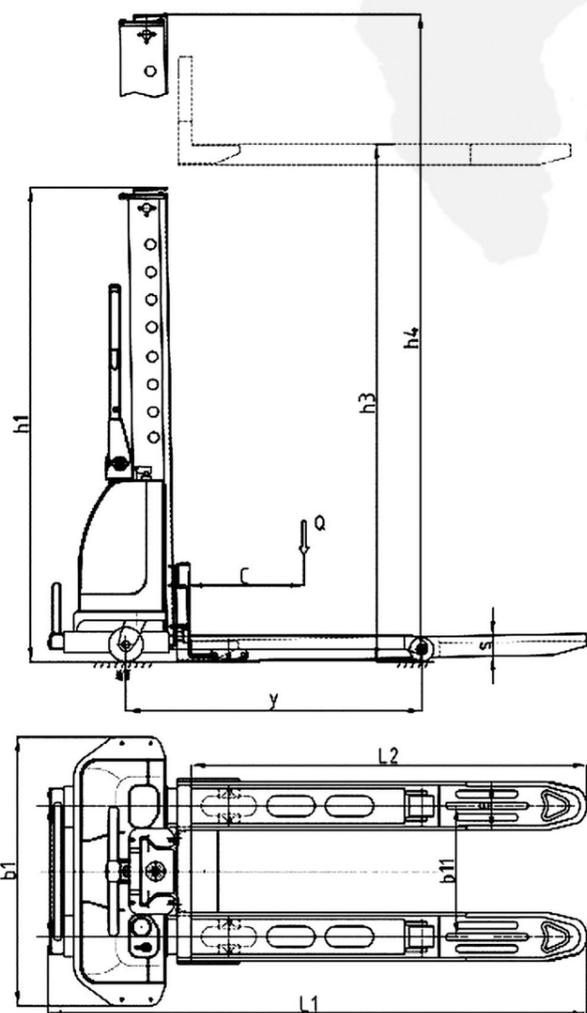


Manufactured in China, Sinolift is an accredited brand to supply the Self Loading Pallet Truck with access to the best available prices, lead time and parts availability.

		<b>SINOLIFT</b>			
		SDYG-Z 0509	SDYG-Z 0510	SDYG-Z 0511	SDYG-Z 0513
Performance	1.1 Manufacturer				
	1.2 Model no.				
	1.3 Rated load	Q	kg	500	500
	1.4 Load centre distance	C	mm	400	400
Dimensions	1.5 Power type			Electric	Electric
	1.6 Drive type			Walkie	Walkie
	2.1 Material			Nylon/PU	Nylon/PU
	2.2 Wheelbase	y	mm	860	860
	2.3 Track Width, Load side	b11	mm	380	380
	2.4 Track Width, Drive side	b10	mm	670	670
Wheels	2.5 Quantity of steering wheel/load wheel /balance wheel			2/2/6	2/2/6
	2.6 Load-bearing wheel size		mm	Φ70×60	Φ70×60
	2.7 Steering wheel size		mm	Φ100×50	Φ100×50
	2.8 Counterbalance wheel size		mm	Φ40×26	Φ40×26
	2.9 Auxiliary counterbalance wheel size		mm	Φ30×26	Φ30×26
	3.1 Minimum fork height from the ground		mm	90	90
	3.2 Maximum fork height after lifting	h3	mm	900	1000
	3.3 Outside fork width		mm	535	535
	3.4 Inside fork width		mm	225	225
	3.5 Fork working length	l	mm	1150	1150
Identifications	3.6 Single fork size	e/s	mm	155/60	155/60
	3.7 Overall length	L1	mm	1600	1600
	3.8 Overall width	b1	mm	790	790
	3.9 Overall vehicle height (with forks lowered)	h1	mm	1200	1300
	3.10 Overall vehicle height after gantry lift	h4	mm	2100	2300
	3.11 Length to vertical side of forks	l2	mm	1150	1150
	3.12 Min. Turning radius	Wa	mm	1120	1120
	4.1 Max. lifting speed (laden/unladen)		mm/s	80/110	80/110
	4.2 Max. lowering speed (laden/unladen)		mm/s	80/80	80/80
	4.3 Lifting motor		V/kw	12/0.8	12/0.8
4.4 Battery capacity		V/Ah	12/33	12/33	
4.5 Battery weight		kg	10	10	
4.6 Self weight		kg	175	186	



*Easy Lift, Easy Life!*

Sinolift electric self loading stacker is an innovative solution for loading and unloading pallets from a van or lorry. The battery-operated stacker lifts a wide range of goods to a range of heights and then lifts itself in and out of the vehicle. They are designed to be operated independently by a single user. It eliminates the health and safety hazards of manual loading and unloading.

- Features:**
- Versatile and multi-functional.
  - This product can quickly move, load and unload palletized goods of up to 500kg.
  - Powered by an electro-hydraulic power pack.
  - Eliminates lifting health and safety issues.
  - Suitable for any warehousing environment.
  - It is easy and quick to transport, along with the load, in your lorry, so there will be no unloading or reloading problems at your destination.



**SHANGHAI SINOLIFT MECHANICAL AND ELECTRICAL EQUIPMENT CO.,LTD**

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 Skype: sinolift  
 Whatsapp & Mobile: 0086 138 1757 2420

Special size of width and length can be made according to customer's requirement. All specifications and figures are subject to change without notice for improvement.





The Sinolift Self Loading Stacker (Model: SDYG-Z) is a revolutionary material handling solution designed for ease of use, mobility, and efficiency. With a lifting capacity of 500 kg, this stacker is ideal for businesses looking to simplify the loading and unloading of goods without the need for additional lifting equipment.

Engineered with a self-lifting mechanism, the stacker eliminates the need for external power sources or manual pumping, making it perfect for warehouses, workshops, and retail environments. Its compact design allows easy handling and transportation, while the innovative self-lifting feature saves time and labor costs, improving overall productivity.

Built for safety and durability, this stacker ensures smooth operations with reliable lifting power and stability. It's a versatile solution for businesses aiming to streamline logistics and material handling tasks.

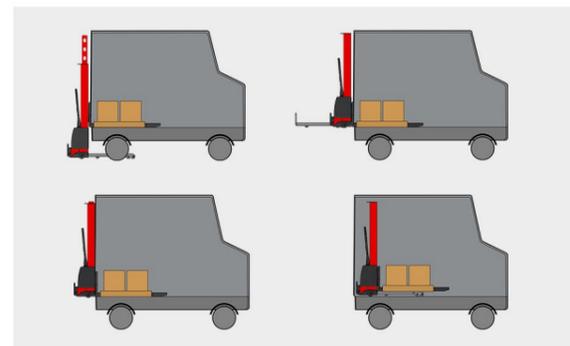


**Key Features and Benefits:**

- **No limitations:** Works on all skids!
- **Weather protection:** Say goodbye to weather-related interruptions as the ELES10D rides with the load protected at all times.
- **Cost-effective efficiency:** Streamline your operations and cut costs by transforming a 2-person job into a seamless one-person task.
- **Safety first:** Prevent delivery accidents and workplace injuries with our precision-engineered semi-electric freight loader.
- **Simple operation, unlimited potential:** Empower your entire delivery workforce with easy-to-use functionality.
- **Battery-powered & charges EN route:** Stay powered throughout your journey with convenient charging options.
- **High productivity in confined spaces:** Say hello to maximum efficiency, even in tight aisles, congested areas, or stockrooms.
- **Extended working hours:** Experience exceptional productivity with extended working hours per charge.
- **One-man maneuvering:** Navigate your way through tight spaces effortlessly with one-man maneuverability.
- **Loading/Unloading:** Extremely fast lifting and lowering of loads and the unit itself.
- **Liftgate and pallet jack in one machine:** Experience unmatched versatility, combining two essential functions in a single, efficient unit. This hybrid functionality not only saves space by eliminating the need for separate equipment but also reduces the time and effort needed to switch between tasks, enhancing operational efficiency and flexibility.

The Sinolift SDYG-Z Self-Lifting Stacker is an innovative, compact, and efficient lifting solution that simplifies material handling tasks for small and medium-sized businesses. Designed to address the challenges of loading and unloading cargo from trucks or storage areas, this stacker is a cost-effective and time-saving alternative to traditional equipment.

Electric pallet stacker can choose the right size and model according to their own working conditions. Due to the weight limit of the stacker to the top, as the fork rises, the load should be relatively reduced. It is recommended to choose a model that is 500kg larger than the actual one. According to the height of the lift. It adopts single, double and three-section gantry models. Specific consultation online customer service.



**Maintenance - free Battery**

Concluding with a pivotal advancement, the SDYG-Z unveils a dynamic semi-electric stacker energized by a 100% maintenance-free battery. This essential tool emerges as your indispensable ally, effortlessly managing heavy loads in diverse settings including garages, workshops, warehouses, and delivery vehicles.

This Self Lift Stacker is composed of battery, motor, hydraulic pump, oil cylinder, piston rod, fork, chain, controller and so on. Due to the high and reliable performance, it realizes the function to lift heavy objects for required height. Compared with ordinary product on the market, it can greatly improve the efficiency of storage.



**Warnings!**

Maintaining the loading center of the goods is important when loading and unloading them onto the stacker. Cargo loading is entirely forbidden. Otherwise, there could be damage to the stacker or deformation of the forks, which could lead to safety incidents. To keep the items from slipping and hurting people, it is not allowed to stand on the front, bottom, left, or right sides of the forks when the electric pallet stacker raises or lowers objects. There should be a consistent decrease in speed while lowering the cargo. Remember to stop quickly and descend, especially if the goods are falling from a height greater than 1.5 meters, to avoid damaging the stacker column and causing the stacker to topple over and the contents to slip.



**Protective Gantry**

The internal gantry is independent posts and connected to the fork with bolts. The piston rod moves up and down to elevate and descend the goods, without the help of the roller board to transmit.



**Superior Standard Parts**

Maintenance-free battery for stable performance and easy service and maintenance. Built-in digital battery level gauge.



**High Quality Swing Guide Wheels**

Door seat guide wheels, equipped with different sizes of balanced guide wheels, easy to cope with all kinds of uneven road surfaces.



**Double Linkage Cylinder Assembly**

Lock and lift alternately. This stacker adopts a dual orifice control system and double linkage cylinder assembly to ensure a bi-directional motion of the piston rod.



**Emergency Stop Button**

Emergency stop switch, mounted on the top left side of the chassis, easy to operate.



**Unfixed Gate Base**

The gate base is unfixed which allows a relative motion with the elevating of the rack and fork. When the fork (including the goods) rises to the platform height, the gate base withdraws and the rack rises to the platform with the cylinder in circulation.