

Mobile Weighing Cart ZF / ZFP series

- ▲ Small and compact electronics specially developed for mobile weighing.
Highest level of water and humidity resistance.
Smaller housing is more robust and withstands impacts and vibration better.
One electronic board without connectors means reliability for many years in the hardest applications.
Lower weight of the scale it self ;122kg,means easier handling of the scale.
- ▲ More reliability for the hardest applications and environments.
- ▲ Lower power consumption makes scale more user friendly.New batteries are only needed one time per year when weighing 10 pallets per day.
- ▲ 4 Penlight batteries can be changed without any effort.
- ▲ Auto shut off prevents the batteries to be discharged when client forgets to turn the indicator off.
- ▲ Summation of weights with sequence number allows verification if the total load has been weighed.

Specification

- ▲ Capacity 2000kg
- ▲ Accuracy 0.1% of the weight applied to the scale
- ▲ Graduation 1kg
- ▲ High contrast display with segment height of 18 mm.
- ▲ Summation and sequence number giving the number of weights totalised.
- ▲ Auto tare giving the net weight added to or taken from the scale.
- ▲ Touch panel with push buttons with metal dome, tactile feel gives optimal users interface.
- ▲ Totally sealed design to the norm IP 65 (NEMA 4), easy to wash down.
- ▲ Operating temperature is -10° to +40°C
- ▲ According to ROSH directive and conforms to EN1752-2.

Printer type	: Thermal
Functions	: Manual paper feed
Warning indications by LED	: Low battery
	: No paper
	: Temperature too low
Paper	: Thermal roll
	: diameter 40mm
Print speed	: 13 lines per second
Operating temperature	: 0° to 50°C



ZF
without printer



ZFP
with printer

Model		ZF20S	ZF20L	ZFP20S	ZFP20L
Capacity	(kg)	2000	2000	2000	2000
Printer		without	without	with	with
Max. Fork Height	(mm)	205	205	205	205
Min. Fork Height	(mm)	85	85	85	85
Fork Length	(mm)	1150	1150	1150	1150
Width Overall Forks	(mm)	555	690	555	690
Fork Width	(mm)	180	180	180	180
Net Weight	(kg)	117	120	118	121

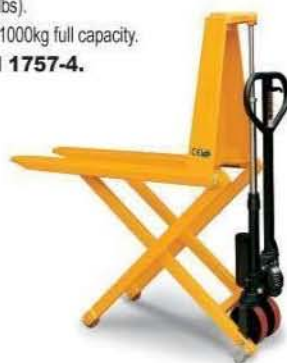
3" (75mm) lowered fork height available.

High Lift Scissor Truck HL series

▲ Manual

Capacity 1000kg (2200lbs).
Larger piston offer real 1000kg full capacity.

▲ Conforms to EN 1757-4.



HL-540M

▲ Electric

Capacity 1000kg (2200lbs).
High quality hydraulic motor made in Italy.

▲ Conforms to EN 1757-4 and EN 1175.



HL-540E

Model		HL-540M	HL-680M	HL-540E	HL-680E
Type		Manual		Electric	
Capacity	(kg)	1000 (2200lbs)	1000 (2200lbs)	1000 (2200lbs)	1000 (2200lbs)
Max. Fork Height	(mm)	800 (31.5 inch)	800 (31.5 inch)	800 (31.5 inch)	800 (31.5 inch)
Fork Overall Width	(mm)	540 (21.3 inch)	680 (26.8 inch)	540 (21.3 inch)	680 (26.8 inch)
Fork Length	(mm)	1165 (45.3 inch)	1165 (45.3 inch)	1165 (45.3 inch)	1165 (45.3 inch)
Battery	(Ah/V)	—	—	54/12	54/12
Battery Charger	(A/V)	—	—	8/12	8/12
Net Weight (without battery)	(kg)	110 (242lbs)	125 (275lbs)	150 (330lbs)	165 (363lbs)

Rollers: Nylon, Polyurethane. Wheels: Nylon, Polyurethane, Rubber.
Materials and specification are subject to change without notice.

Stainless High Lift Scissor Truck HL-HS Series

- ▲ All parts are made of stainless including hydraulic pump, fork frame, handle, push rod, bearing, pin and bolt, etc..
- ▲ For use in meat and other food industry, dairy canning and all areas where corrosive acids and saline solutions are used.



High quality stainless 316

Model		HL-HS540M	HL-HS680M	HL-HS540E	HL-HS680E
Type		Manual		Electric	
Capacity	(kg)	1000	1000	1000	1000
Max.Fork Height	(mm)	800	800	800	800
Min.Fork Height	(mm)	85	85	85	85
Fork Width	(mm)	540	680	540	680
Fork Length	(mm)	1165	1165	1165	1165
Battery	(Ah/V)	—	—	54/12	54/12
Net Weight	(kg)	116	126	144	149

High Lift Scissor Truck

HL-B series

The best seller in the world !

▲ **World class quality and performance.**

▲ **Single stage cylinder.**

No decrease of capacity.

No risk of leakage.

No dangerous dropping of second stage cylinder.

▲ **Ergonomic design handle.**

Simple and comfortable operation.

▲ **Improved safety.**

Automatic activation of self-adjusting stabilizers when lifting loads higher than 400mm for maximum stability and optimum braking.

▲ **Manual.**

Quick-lift function doubles the lifting speed when lifting loads less than 250kg.

▲ **Easy handling**

The compact structure with the battery and power unit positioned between body and lifting cylinder resulting in a low centre of gravity and excellent manoeuvrability.

▲ **Flexibility**

Can work manually when the battery has been charged.

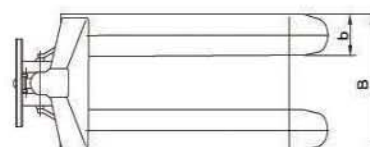
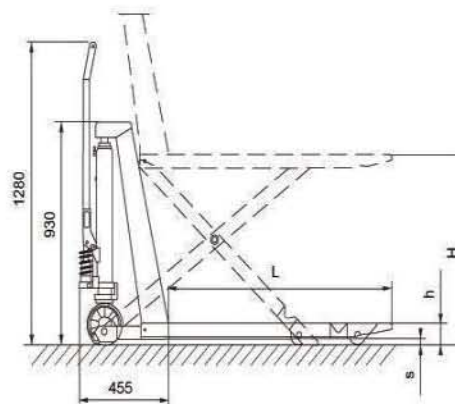
▲ **Charger**

10A/12V separate, or 6A/12V Built-in.

▲ **Reliable**

HPI power unit made in France.

▲ **Conforms to EN1757-4 and EN1175.**



HL-B1056M



HL-B1056EN



Built-in charger

Model		HL-B1056M	HL-B1068M	HL-B1056E	HL-B1068E	HL-B1056EN	HL-B1068EN
Type		Manual		Electric		Electric (built in charger)	
Capacity	(kg)	1000	1000	1000	1000	1000	1000
Max. Fork Height	H (mm)	800	800	800	800	800	800
Min. Fork Height	h (mm)	85 ± 2	85 ± 2	85 ± 2	85 ± 2	85 ± 2	85 ± 2
Fork Width	B (mm)	560	680	560	680	560	680
Fork Length	L (mm)	1190	1190	1190	1190	1190	1190
Ground Clearance	s (mm)	20	20	20	20	20	20
Front Load Roller	(mm)	Ø75x75	Ø75x75	Ø75x75	Ø75x75	Ø75x75	Ø75x75
Steering Wheel	(mm)	Ø180x50	Ø180x50	Ø180x50	Ø180x50	Ø180x50	Ø180x50
Pump Strokes to Max. Height without / with Rated Load		28/62	28/62	—	—	—	—
Lifting Time, without / with Rated Load	(sec)	—	—	11/19	11/19	11/19	11/19
Battery	(Ah/V)	—	—	70/12	70/12	70/12	70/12
Battery Charger		—	—	Separate 10A/12V		Built-in 6A/12V	
Net Weight (without Battery)	(kg)	128	133	158	163	159	164

High Lift Scissor Truck HL-JL Series

New design with larger piston offer you real 1000kg and 1500kg capacity

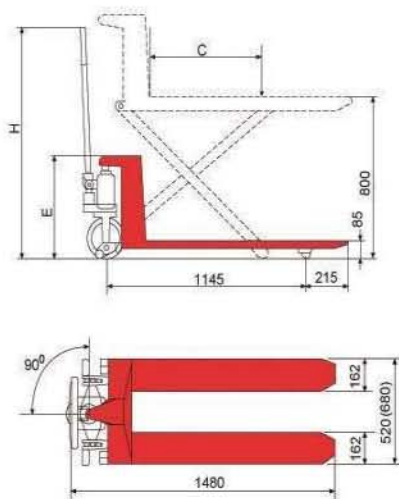
- ▲ **Character:** Extremely easy to pump and light make this unit very suitable as combined hand pallet truck and lift table.
- ▲ Quick-lift as standard with automatic transfer to normal lifting with loads over 150kg.
- ▲ Automatic descending speed control by a uniquely hydraulic valve, the descending speed always keeps same regardless the truck with or without load. It will prevent cargo damage from fast descending.
- ▲ Front support legs and adjustable stabilizers extended to the floor automatically when the forks reach a height of 420mm, to ensure maximum stability and optimum braking.
- ▲ Ergonomic warm handle offers you simple and comfortable operation.
- ▲ Heavy duty design; 4mm steel plate fork frame and larger lift piston ensure the truck to reach rated capacity.
- ▲ **Conforms to EN1757-4.**



Ergonomic handle



Front support legs

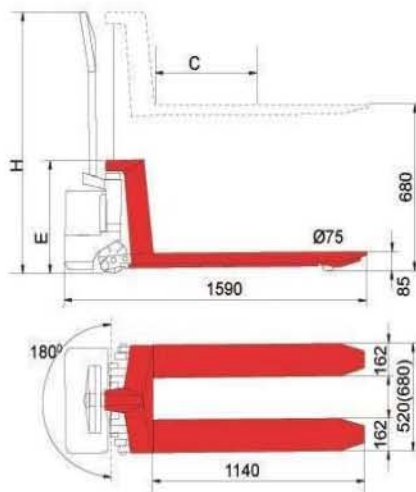


Model		HL-JL5210	HL-JL6810	HL-JL5215	HL-JL6815
Capacity	(kg)	1000	1000	1500	1500
Max. Fork Height	(mm)	800	800	800	800
Min. Fork Height	(mm)	85	85	85	85
Fork Overall Width	(mm)	520	680	520	680
Fork Length	(mm)	1140	1140	1100	1100
Dimension	C	(mm)	600	560	560
	E	(mm)	530	530	530
	H	(mm)	1250	1250	1250
Net Weight	(kg)	105	112	118	125

Electric High Lift Scissor Truck HL-JE Series

World class performance

- ▲ **Character:** These electric high lift pallet trucks have further advantages when working with heavy items and constant daily use. They are ideal as combined hand pallet truck and lift table.
- ▲ Adjustable stabilizers extended to the floor automatically when the forks reach a height of 420mm, to ensure maximum stability and optimum braking.
- ▲ Ergonomic warm handle offers you simple and comfortable operation.
- ▲ Top quality power unit made in Europe.
- ▲ **Conforms to EN1757-4 and EN1175.**



Model		HL-JE5210	HL-JE6810	HL-JE5215	HL-JE6815
Capacity	(kg)	1000	1000	1500	1500
Max. Fork Height	(mm)	800	800	800	800
Min. Fork Height	(mm)	85	85	85	85
Fork Overall Width	(mm)	520	680	520	680
Fork Length	(mm)	1140	1140	1100	1100
Dimension	C	(mm)	600	600	600
	E	(mm)	530	530	530
	H	(mm)	1250	1250	1250
Battery	(Ah/V)	70/12	70/12	70/12	70/12
Battery Charger	(A/V)	10/12	10/12	10/12	10/12
Net Weight	(kg)	140	147	149	157

Electric Skid Lifter

HL-PE/PEL Series

Easier handling to minimize back strain.
Better feature - it can move when raised.

- ▲ Combination of pallet truck and lift table.
- ▲ Ideal for your loading and unloading operations.
- ▲ Continuous-welded heavy steel frame and forks handle weighty loads with ease.
- ▲ Easy-to-use control lever plus two parking brakes on steering wheels increase safety.
- ▲ Reliable power unit for easier and faster lifting.
- ▲ A steering handle on 1000kg models to plus for easier and comfortable turning.
- ▲ **Conforms to EN1757-4 and EN1175.**



HL-PE Series



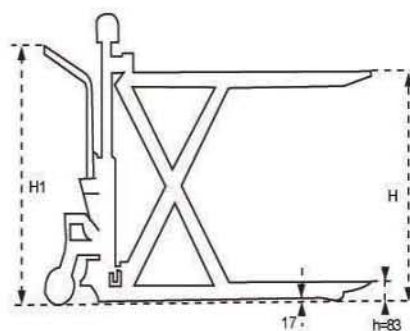
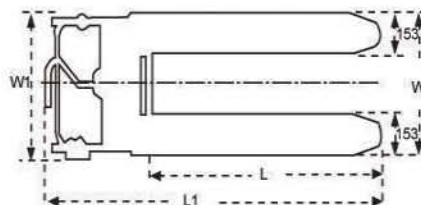
HL-PEL Series with platform

Model		HL-PE50S	HL-PE50L	HL-PE100S	HL-PE100L	HL-PEL50S	HL-PEL50L	HL-PEL100S	HL-PEL100L
Type		Without platform				With platform			
Capacity	(kg)	500	500	1000	1000	500	500	1000	1000
Load Centre	(mm)	560	560	560	560	560	560	560	560
Max. Fork Height	(mm)	830	830	830	830	833	833	833	833
Min. Fork Height	(mm)	85	85	85	85	88	88	88	88
Fork/Platform Length	(mm)	1115	1115	1115	1115	1115	1115	1115	1115
Fork/Platform Width	(mm)	526	690	526	690	538	703	538	703
Overall Length	(mm)	1620	1620	1740	1740	1620	1620	1740	1740
Overall Width	(mm)	580	740	550	720	586	752	556	726
Overall Height	(mm)	1050	1050	1307	1307	1050	1050	1307	1307
Steering Wheel	(mm)	Φ150x40				Φ150x40			
Front Roller	(mm)	Φ70x68				Φ70x68			
Power Unit	(KW)	1.6				1.6			
Battery	(V)	12				12			
Working Cycles	(s)	100	100	80	80	100	100	80	80
Net Weight	(kg)	172	176	174	180	180	184	182	188

Skid Lifter HL-SL/PL Series

Correctly position skids and work surfaces to minimize back strain

- ▲ Combination of pallet truck and lift table.
- ▲ Ideal for your loading and unloading operations.
- ▲ Continuous-welded heavy steel frame and forks handle weighty loads with ease.
- ▲ Easy-to-use control lever, plus two parking brakes on steering wheels increase safety.
- ▲ A foot-operated pedal for easier and faster lifting.
- ▲ A steering handle on 1000kg models for easier and comfortable turning.
- ▲ **Conforms to EN 1757-4.**



Model		HL-SL50S	HL-SL50L	HL-SL100S	HL-SL100L	HL-PL50S	HL-PL50L	HL-PL100S	HL-PL100L
Type		without platform				with platform			
Capacity	(kg)	500	500	1000	1000	500	500	1000	1000
Max. Fork Height	H (mm)	830	830	830	830	833	833	833	833
Min. Fork Height	h (mm)	85	85	85	85	88	88	88	88
Fork/Platform Length	L (mm)	1115	1115	1115	1115	1115	1115	1115	1115
Fork/Platform Width	W (mm)	526	690	526	690	538	703	538	703
Pump Strokes to Max. Lift		45	45	75	75	45	45	75	75
Front Roller	(mm)	Ø70x68 polyurethane				Ø70x68 polyurethane			
Steering Wheel	(mm)	Ø150x40 polyurethane				Ø150x40 polyurethane			
Overall Length	L1 (mm)	1550	1550	1640	1640	1550	1550	1640	1640
Overall Width	W1 (mm)	526	691	687	852	538	703	693	858
Overall Height	H1 (mm)	1012	1012	1307	1307	1012	1012	1307	1307
Net Weight	(kg)	107	116	135	138	122	136	150	158

Work Positioners HL-M/E Series

▲ Stronger motor, Larger battery 12Ah, Low voltage protection.

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

Ideal for use in narrow aisles and confined spaces. Perfect for all applications from pharmaceutical to catering, from packing line to food processing, from warehouse to office, kitchens, laboratories, retail outlets, etc...

▲ Manual models: Operated via a manual hand winch.

Auto brake system prevents uncontrolled lowering.

▲ Electric models: Automatic electronic overload protection system ensures safety.

Maintenance free and sealed batteries, automatic charger.

▲ Quick change attachment options available.

▲ Conforms to EN1757, CE marked.



HL-M100



HL-M200



HL-E100/E150



HL-E100A/E150A

Option attachments:



Spindle



Double Spindle



Reel Rotator



V Block

Model		HL-M100	HL-M200	HL-E100	HL-E150
Type		Manual		Electric	
Capacity	(kg)	100	200	100	150
Load Centre	(mm)	235	235	235	235
Max. Fork Height	(mm)	1500	1500	1700	1500
Min. Fork Height	(mm)	130	130	130	130
Platform Size	(mm)	470x600	470x600	470x600	470x600
Overall Size	(mm)	840x600x1830	870x600x1920	870x600x1990	870x600x1790
Load Wheel	(mm)	Φ75	Φ75	Φ75	Φ75
Steering Wheel	(mm)	Φ125	Φ125	Φ125	Φ125
Battery, Service Free		—	—	24V/12Ah	24V/12Ah
Net Weight	(kg)	50	60	66	63

Electric Platform Stacker

HL-EP Series

- ▲ Easier and faster lifting operation.
- ▲ High quality hydraulic motor made in Italy.
- ▲ Service free battery.
- ▲ **No-marking castor as standard.**
- ▲ **Conforms to 1757-1: 2001.**



**Noise-free Castor
as option.**



Model		HL-EP2085	HL-EP2120	HL-EP4085	HL-EP4120	HL-EP4150
Capacity	(kg)	200	200	400	400	400
Max. Platform Height	(mm)	850	1200	850	1200	1500
Min. Platform Height	(mm)	200	200	200	200	200
Platform Length	(mm)	600	600	650	650	650
Platform Width	(mm)	500	500	550	550	550
Total Length	(mm)	990	990	1070	1070	1070
Total Width	(mm)	560	560	590	590	590
Total Height	(mm)	960	1310	960	1310	1610
Load Roller	(mm)	Φ125	Φ125	Φ150	Φ150	Φ150
Steering Wheel	(mm)	Φ125	Φ125	Φ150	Φ150	Φ150
Power Unit	(KW)	0.8	0.8	0.8	0.8	0.8
Battery	(Ah/V)	60/12	60/12	70/12	70/12	70/12
Net Weight	(kg)	88	93	107	113	118

Electric Fork Stacker HL-EF/EJ Series

- ▲ Low profile forks can lift the pallet easily.
- ▲ Easier and faster lifting operation.
- ▲ High quality hydraulic motor made in Italy.
- ▲ Service free battery.
- ▲ Option platform available.
- ▲ **No-marking castor as standard.**
- ▲ **Conforms to 1757-1: 2001.**



Noise-free Castor as option.



HL-EJ4120



HL-EF4120

Model (Fixed Fork)		HL-EF2085	HL-EF2120	HL-EF4085	HL-EF4120	HL-EF4150
Model (Adjustable Fork)		HL-EJ2085	HL-EJ2120	HL-EJ4085	HL-EJ4120	HL-EJ4150
Capacity	(kg)	200	200	400	400	400
Max. Fork Height	(mm)	850	1200	850	1200	1500
Min. Fork Height	(mm)	80	80	80	80	80
Fork Length	(mm)	600	600	650	650	650
Fixed Fork Width (EF series)	(mm)	500	500	550	550	550
Adjustable Fork Width (EJ series)	(mm)	215-500	215-500	235-500	235-500	235-500
Single Fork Width	(mm)	100	100	110	110	110
Dia of Front Wheel	(mm)	Φ75	Φ75	Φ75	Φ75	Φ75
Dia of Steering Wheel	(mm)	Φ125	Φ125	Φ125	Φ125	Φ125
Chassis height	(mm)	32.5	32.5	22.5	22.5	22.5
Power Pack Motor	(KW)	0.8	0.8	0.8	0.8	0.8
Battery	(Ah/V)	60/12	60/12	70/12	70/12	70/12
Overall Height	(mm)	1080	1435	1060	1410	1710
Overall Width	(mm)	560	560	590	590	590
Overall Length	(mm)	1020	1020	1100	1100	1100
Net Weight	EF series (kg)	90	97	105	116	122
	EJ series (kg)	93	100	110	121	127
Option Platform		LP10 (610x530)	LP10 (610x530)	LP20 (660x580)	LP20 (660x580)	LP20 (660x580)