



HV SERIES

VERTICAL MAST LIFT

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ISO45001:2018



ISO14001:2015



ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.

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HV SERIES VERTICAL MAST LIFT

It has the characteristics of compact body size, small turning radius, good handling performance and strong endurance. It is mainly used in warehouse, exhibition hall, aircraft maintenance, mechanical equipment installation, equipment maintenance and other fields.



Self-propelled Vertical Lift-Single Mast

Model	HV80D-LC	HV95D-LC
Max. Working Height	8.00m	9.50m
Max. Platform Height	6.00m	7.50m
Loading Capacity	150kg	125kg
Occupants	1	1
Overall Length	1.40m	1.40m
Overall Width	0.76m	0.76m
Overall Height	1.99m	1.99m
Platform Dimension	0.66m x 0.67m	0.66m x 0.67m
Wheel Base	1.07m	1.07m
Turning Radius	0.3m	0.3m
Travel Speed(Stowed)	3.5km/h	3.5km/h
Travel Speed(Raised)	0.8km/h	1.1km/h
Up/Down Speed	48/40sec	53/45sec
Gradeability	0.25	0.25
Drive Tyres	Φ305-100mm	Φ305-100mm
Drive Motors	2.24VDC/0.5kW	2.24VDC/0.5kW
Lifting Motor	24VDC/1.3kW	24VDC/1.3kW
Battery	2.12V/100Ah	2.12V/100Ah
Charger	24V/15A	24V/15A
Weight	1120kg	1190kg

Standard

- / Proportional controls
- / Non-marking tyre
- / Emergency stop button
- / Automatic pothole protection
- / Automatic brake system
- / Cylinder holding valve
- / Drivable at full height
- / Emergency lowering system
- / Onboard diagnostic syste

HV Self-propelled Vertical Mast

Model	HV60D	HV70D	HV80D
Max. Working Height	5.6m	6.8m	8m
Max. Platform Height	3.6m	4.8m	6m
Loading Capacity	227kg	227kg	159kg
Ext. Platform Capacity	114kg	114kg	114kg
Overall Length	1.36m	1.36m	1.36m
Overall Width	0.76m	0.76m	0.82m
Overall Height	1.7m	1.98m	1.98m
Platform Dimension	1.3m x 0.70m	1.3m x 0.70m	1.3m x 0.70m
Ext. Platform Length	0.51m	0.51m	0.51m
Wheel Base	1.04m	1.04m	1.04m
Inner Turning Radius	0.3m	0.3m	0.3m
Outer Turning Radius	1.8m	1.8m	1.8m
Travel Speed(Stowed)	4km/h	4km/h	4km/h
Travel Speed(Raised)	1.1km/h	1.1km/h	1.1km/h
Up/Down Speed	31/32sec	41.5/42sec	41.5/42sec
Gradeability	0.25	0.25	0.25
Drive Tyres	Φ305-100mm	Φ305-100mm	Φ305-100mm
Drive Motors	2.24VDC/0.5kW	2.24VDC/0.5kW	2.24VDC/0.5kW
Lifting Motor	24VDC/1.3kW	24VDC/1.3kW	24VDC/1.3kW
Battery	2.12V/100Ah	2.12V/100Ah	2.12V/100Ah
Charger	24V/15A	24V/15A	24V/15A
Weight	810kg	980kg	1060kg

Standard

- / Proportional controls
- / Non-marking tyre
- / Emergency stop button
- / Automatic pothole protection
- / Automatic brake system
- / Cylinder holding valve
- / Drivable at full height
- / Emergency lowering system
- / Onboard diagnostic syste

Push Around Vertical Lift-Single Mast

Model	HV70M-LC	HV80M-LC	HV100M-LC	HV110M-LC	HV120M-LC	HV140M-LC
Platform						
Max. Working Height	6.7m	8.2m	9.8m	11.2m	12.4m	14m
Max. Platform Height	4.7m	6.2m	7.8m	9.2m	10.4m	12m
Loading Capacity	150kg	150kg	150kg	150kg	136kg	120kg
Occupants	1	1	1	1	1	1
Platform Dimension	0.67m x 0.66m	0.67m x 0.66m	0.67m x 0.66m	0.67m x 0.66m	0.67m x 0.66m	0.67m x 0.66m
Overall Dimension						
Overall Height	1.99m	1.99m	1.99m	1.99m	1.99m	2.68m
Overall Width	0.78m	0.78m	0.78m	0.78m	0.78m	0.81m
Overall Length	1.24m	1.24m	1.36m	1.4m	1.42m	1.46m
Outrigger coverage	1.7m x 1.7m	1.7m x 1.7m	1.7m x 1.7m	2.1m x 2m	2.1m x 2m	2.5m x 2.3m
Weight						
AC	330kg	350kg	370kg	390kg	420kg	490kg
DC	355kg	375kg	395kg	415kg	445kg	515kg
Power						
AC	380V/220V/110V	380V/220V/110V	380V/220V/110V	380V/220V/110V	380V/220V/110V	380V/220V/110V
AC Motor	0.75KW	0.75KW	0.75KW	0.75KW	0.75KW	0.75KW
DC	12V	12V	12V	12V	12V	12V
DC motor	1.3KW	1.3KW	1.3KW	1.3KW	1.3KW	1.3KW
Charger	12V/15A	12V/15A	12V/15A	12V/15A	12V/15A	12V/15A

Standard

- / Outriggerinterlock
- / Emergency Stop Button
- / Leveling Bubble
- / Deadman switch
- / Easily Loading to pickup truck
- / Forklift Pocket
- / AC power on Platform
- / Emergency Lowering system
- / Cylinder Holding Valve



Self-propelled Vertical Lift-Single

HV Self-propelled Vertical

Push Around Vertical Lift-Single

EVERY JOB IS IN YOUR REACH

