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ISO14001
ISO14001:2015



ISO9001
ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.

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Self-propelled Electric Scissor Lifts

Aerial work platform

The World of Hangcha



Self-propelled Electric Scissor Lifts

HANGCHA self-propelled electric scissor lifts are the high efficient, safe and ideal solution for modern industry. Ideal for maneuvering in tight Spaces, they're excellent for indoor and outdoor application, all the functions, lifting, lowering, steering, forward and backward are under operator's control. Easy maintenance and service after opening the battery cover, all key parts are easy access. With low noise level, and high reliability, HANGCHA self-propelled electric scissor lifts are always your best partner.



**Easy/
Efficiency/
Economy**



1 Joystick(HANGCHA)



2 Extension platform



3 Hydraulic and electric system



4 Battery



5 Brake



6 Traction motor



7 Supporting arms: To protect the operator when he is doing repair or maintenance job



8 Explosion proof valve: To prevent the machine falling when the oil pipe is leaking



9 Manual lowering valve: When the operation system failed or the battery power is too low to let the platform decline, we can use this valve to lower the machine



10 Manual release valve: When the machine can not move, you can push the machine after pressing this valve



11 Anti-overturning system: When the machine raises to more than 6.5ft, this system will work automatically, to protect the machine from overturning while walking at un-leveling ground.



12 Angle sensor: when it is lifting and walking on the slope, the sensor will automatically judge the status of the machine, if the angle is larger than the rated angle, it will alarm to remind the operator.

Characteristics

- / The proportional control system: Control the speed Of Traveling, lifting and lowering as you need.
- / Control box: This box is including the function Of Traveling and lifting, when you use the joystick, you can Operate the machine With only one hand.
- / Self-leveling sensor. When the degree is more than 1.5° (horizontal direction)/ 3°(vertical direction), it will alarm.
- / LED display: Easy for maintenance, you can do the trouble shooting without another handle unit.

Standard Equipment

- / The lifting system
- / The proportional control
- / Anti-overturning system
- / Control box
- / Internal Charger
- / Hour meter
- / Alarm light
- / Maintenance free battery(Lead-acid)

Options

- / Working lights(two lights)
- / Socket device on the basket
- / Leakage protector for socket
- / Beeper
- / Warning tape
- / Anti-overload system(Required by CE)
- / Imported brand control system
- / Air pipe to basket
- / Anti-explosion modification
- / Special color customization

Application

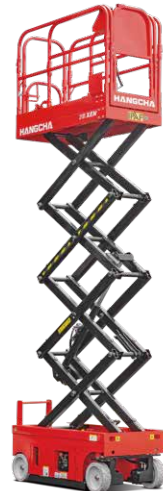
- / Locomotive maintenance station, airport, power station, gym, big company ect.

AC hydraulic drive

- / Safety: Fully sealed AC system, sensor real-time monitoring of the whole machine, more secure use.
- / High efficiency: AC system, high conversion efficiency, energy consumption is 15-20% lower than DC motor, the efficiency of the whole machine is improved by 8-10%.
- / Waterproof: The fully sealed AC system is customized according to the working condition of the high-altitude working platform. The waterproof grade is IP67, and the waterproof ability is good.
- / Maintenance-free: brushless motor design, standard lithium battery power, 5 years warranty, life maintenance free.
- / Easy maintenance: rotary side door and intelligent control system, more convenient maintenance.

UPGRADE

Module design: The whole system adopts module design, and the structure parts and hydraulic parts are common with the XEN serial, and the universality rate of XEN exceeds 95%.



78XEN



100XENS



160XEN



Battery



Standard: Maintenance free battery (lead acid)				
	65XEN	78XEN	80XENS	100XENS
Battery(4x6v)	24V,200Ah	24V,200Ah	24V,200Ah	24V,200Ah

Standard: Maintenance free battery (lead acid)						
	80XEN	100XEN	120XEN	140XEN	160XEN	160XENS
Battery(4x12v)	24V,200Ah	24V,200Ah	24V,200Ah	24V,200Ah	24V,200Ah	24V,200Ah



Option: Lithium battery				
	65XEN	78XEN	80XENS	100XENS
Battery(HANGCHA)	25.6V,160ah	25.6V,160ah	25.6V,160ah	25.6V,160ah

Option: Lithium battery						
	80XEN	100XEN	120XEN	140XEN	160XEN	160XENS
Battery(HANGCHA)	25.6V,230ah	25.6V,230a	25.6V,230ah	25.6V,230ah	25.6V,230ah	25.6V,230ah