

Main Specifications:

1. Maximum load: 400kg while the second ram back to end, 250kg while the second ram full extended
2. Maximum lifting height: 3500mm from ground to the centre of the suction frame
3. Moving: automatically moving, speed control by manual roller sensibly
4. Lifting control: with hydraulic ram, controlled by manual mechanism valve sensibly
5. extension control: with hydraulic ram, controlled by manual mechanism valve sensibly, maximum extension distance 650mm, maximum extension distance from the front wheel to the suction pads was 1350mm(the ram in parallel with ground)
6. tilting control: with hydraulic ram, controlled by manual mechanism valve sensibly, the maximum tilting degree near to 130 degree
7. rotation control: By manual, with a spring lock for positioning, the maximum rotation was 270 degree
8. Side moving: with hydraulic ram, controlled by manual mechanism valve sensibly, 75mm for both sides, totally 150mm
9. side turning: By manual, with a spring lock for positioning, the maximum rotation was 180 degree, 90 degree for both sides
10. self weight: about 850kg with counterweight, 530kg without counterweight
11. Power: DC 24V
12. Driven unit: the rear wheels driven with DC motor worked as driven unit as well as for turning
13. Wheels: 300mm*150mm *2 solid tyre in front, single wheel of 250mm in rear
14. Driven unit power: DC 24V brush-less motor, .1.2KW
15. Hydraulic station power:1.2KW

16. Battery: 12V,55A*4
17. Maximum working period: about 20 Hours
18. Dimensions: pls see the drawing
19. Charging power:110-220V
20. Charging time: about 5 hours
21. Vacuum system: Dual pump and dual system
22. the suction frame sized of 1800mm(L) and 800mm(W)

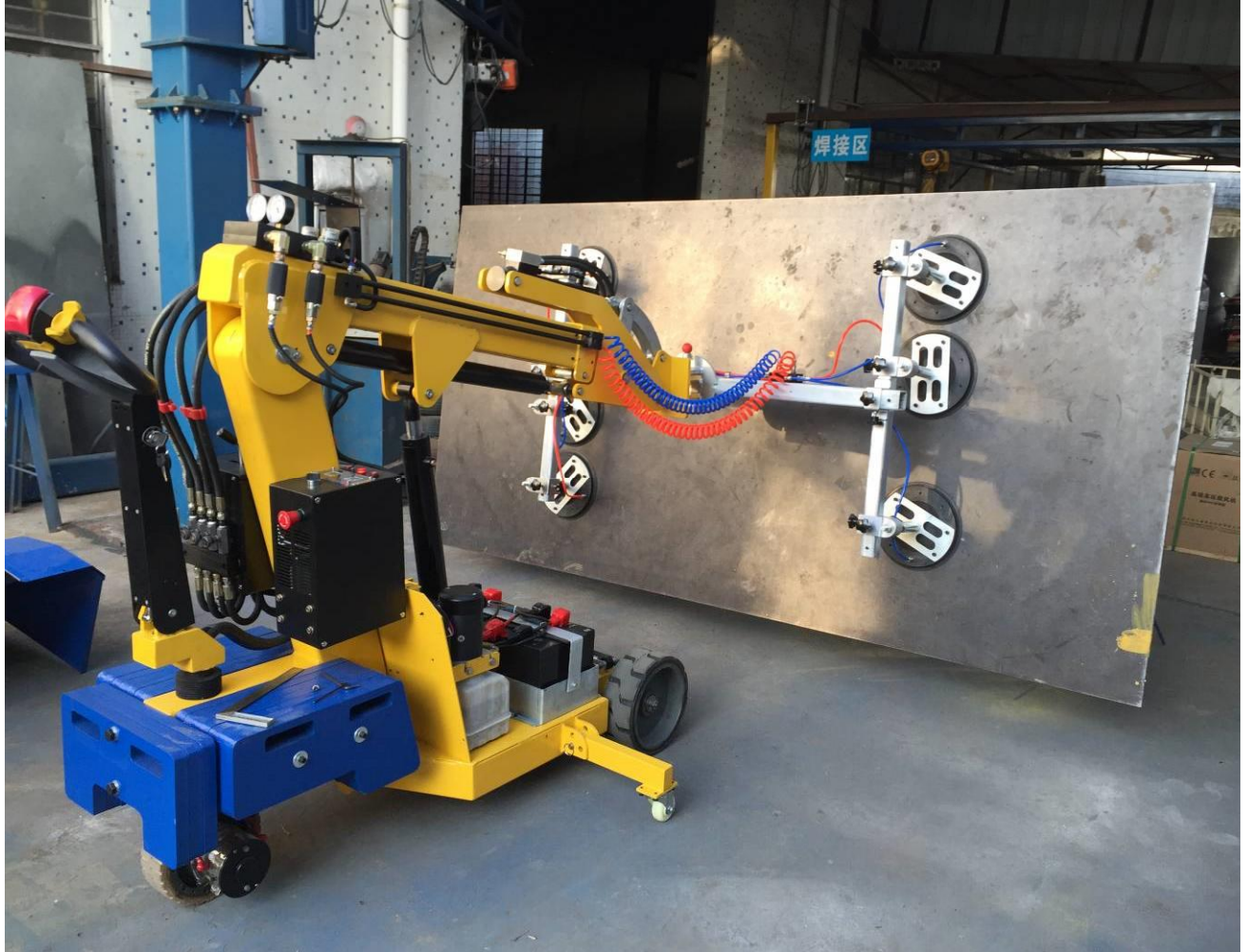
Main components in each vacuum system:

1. Vacuum Pump: CV-35, DC 24V, maximum vacuum flow 35L/minute, maximum vacuum pressure -85kpa
2. 6 of suction pads of dia.290 mm, made of aluminum with high-flexible sealing ring glued, the suction pads were designed with buffer spring, mounted on the cross beam with retainer
3. The safety tank was designed independently, and a Non-return valve mounted safe tank to ensure a long keeping time.
4. A “Red-Green” vacuum meter mounted in front of device.
5. A Digital vacuum switch to detect the vacuum level, the switch control the vacuum starting/stopping point for power save, the preset parameter of switch was starting at -60kpa, pausing at -70kpa.
6. A of 3/2 way hand switch slide valve in each vacuum system that used for manual controlling the “Suction-Release”
7. The Red-green vacuum meter mount in front of the operator to make sure the vacuum system status in sight
8. The device has an integrated warning unit EW0 with acoustic signal. if the vacuum drops below 60% a howler starts.
9. Red-Green light mounted on electric box for showing device working status, red for alarm, and green for power through, in case the power failure or vacuum level drops down below the required level 60%, the warning system will start automatically with sound and light.

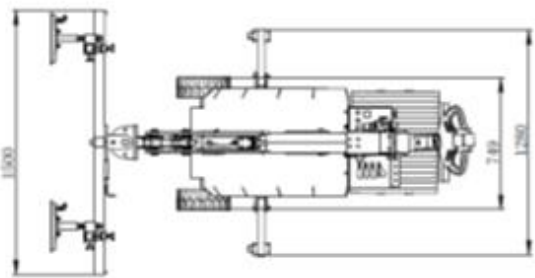
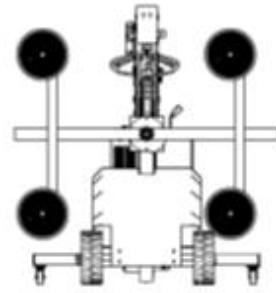
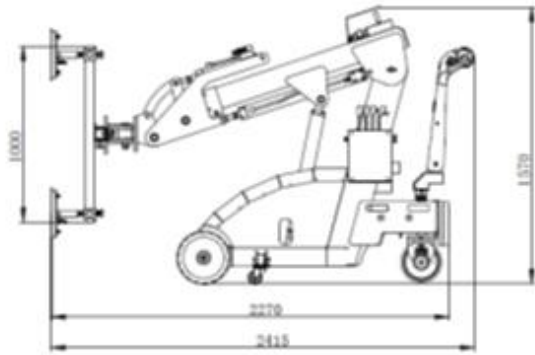
The lifter was designed for transportation or handling the materials at:

Max. carrying capacity: 400kg at vertical (60% vacuum level)

Applications: Standard lifter



Similar dimension drawing:



Package:

