

## Characteristics

- / The proportional control system: Control the speed Of Traveling and lifting 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° (width direction) /3°(lengthwise direction), it will alarm.
- / LED display: Easy for maintenance.
- / Steering system. The turning radius is small, it can work In the narrow space.
- / Extension deck: You can reach the working place by the Extended platform.
- / Reasonable arrangement: All the parts of hydraulic system and electric system are located In the side doors, convenient to repair.
- / Safety: Alloy steel axis, to make sure the safety, reliable and efficient.
- / Internal charger: You can charge the battery directly, do not need to remove it from machine.
- / Hydrostatic transmission: Using hydrostatic transmission system technology.

## Application

- / Stations, dock, airport, powerstation, gym, big company ect.

## Standard Equipment

- / The lifting system
- / The proportional control
- / Anti-overturning system
- / Control box
- / Internal Charger
- / Hour meter
- / Local battery

## Options

- / Working lights(two lights)
- / 220v socket
- / Beeper
- / Alarm light
- / Anti-overload system(Required by CE)
- / Pneumatic pipe



Joystick



Extension platform



Hydraulic and electric system



Battery



Brake



Traction motor



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



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



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



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



Anti-overturning system: When the machine raises to more than 2m, this system will work automatically, to protect the machine from overturning while walking at un-leveling ground

## Self-propelled Electric Scissor Lifts

01 Manufacturer	SIVGE									
02 Model	Z565-320	Z578-230	Z580-380	Z5100-230	Z580-450	Z5100-450	Z5120-320	Z5140-320	Z5160-230	
03 Working height (m/in)	6.5/255.9	7.8/307.1	8/315.0	10/393.7	8/315.0	10/393.7	12/472.4	13.8/534.3	15.6/614.2	
04 Platform height (m/in)	4.50/177.2	5.8/228.3	6/236.2	8/315.0	6/236.2	8/315.0	10/393.7	11.8/464.6	13.6/535.4	
05 Overall length (m/in)	1.89/74.4	1.89/74.4	2.48/97.6	2.48/97.6	2.48/97.6	2.48/97.6	2.48/97.6	2.48/97.6	2.845/112.0	
06 Overall width (m/in)	0.81/31.9	0.81/31.9	0.82/31.9	0.82/31.9	1.15/45.3	1.15/45.3	1.15/45.3	1.15/45.3	1.4/55.1	
07 Overall height (m/in)	2.07/81.5	2.19/86.2	2.23/86.6	2.32/91.7	2.23/86.6	2.32/91.3	2.50/96.5	2.65/102.0	2.635/103.7	
08 Height with rails folded (m/in)	1.73/68.1	1.84/72.4	1.87/73.6	2.00/78.7	1.66/65.4	1.77/70.1	1.91/75.2	2.05/80.7	2.03/79.9	
09 Platform size (m/in)	1.68x0.77/66.1x30.3	1.68x0.77/66.1x30.3	2.27x0.82/89.4x31.9	2.27x0.82/89.4x31.9	2.27x1.14/89.4x44.1	2.27x1.14/89.4x44.1	2.27x1.14/89.4x44.1	2.27x1.14/89.4x44.1	2.64x1.14/103.9x44.1	
10 Platform extension size (m/in)	0.9/35.4	0.9/35.4	0.9/35.4	0.9/35.4	0.9/35.4	0.9/35.4	0.9/35.4	0.9/35.4	0.9/35.4	
11 Ground clearance (m/in)	0.083/3.3	0.083/3.3	0.1/3.9	0.1/3.9	0.1/3.9	0.1/3.9	0.1/3.9	0.1/3.9	0.1/3.9	
12 Turning radius inside (m/in)	0.016/0.63	0.016/0.63	0.02/0.8	0.02/0.8	0.02/0.8	0.02/0.8	0.02/0.8	0.02/0.8	0.016/0.63	
13 Turning radius outside (m/in)	1.64/64.6	1.64/64.6	2.1/82.7	2.1/82.7	2.20/86.6	2.20/86.6	2.20/86.6	2.20/86.6	2.70/106.3	
14 Rated load (kg/lb)	320/705	230/507	380/838	230/507	450/992	450/992	320/705	320/705	230/507	
15 Load on extension (kg/lb)	113/249	113/249	113/249	113/249	113/249	113/249	113/249	113/249	113/249	
16 Batteries (VAH)	24,225	24,225	24,225	24,225	24,300	24,300	24,300	24,300	24,300	
17 Weight ±30 (kg/lb)	1315/2899	1435/3163	2085/4597	2180/4806	2230/5434	2370/5434	2810/5896	3040/6072	3240/7143	
18 Travel speed km/h (mph)	0-3.5(0-2.17)	0-3.5(0-2.17)	0-3.5(0-2.17)	0-3.5(0-2.17)	0-3.5(0-2.17)	0-3.5(0-2.17)	0-3.5(0-2.17)	0-3.5(0-2.17)	0-2.7(0-1.68)	
19 Lift time (s)	14±2	16±2	25±2	30±2	25±2	30±3	45±3	60±5	70±5	
20 Lowered time (s)	20±4	23±4	35±4	40±4	35±5	50±5	40±5	50±7	50±7	
21 Tyre	Non-mark Tyres	Non-mark Tyres	Non-mark Tyres	Non-mark Tyres	Non-mark Tyres	Non-mark Tyres	Non-mark Tyres	Non-mark Tyres	Non-mark Tyres	
22 Maximum slope	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	
23 Gradeability	25%	25%	25%	25%	25%	25%	25%	25%	25%	
24 Working area	inside/outside < 45km/h (28mph)wind		inside 0km/h(0mph) wind		inside/outside < 45km/h (28mph)wind			inside 0km/h(0mph) wind		inside 0km/h(0mph) wind

