WHITSUNDAY CRANE HIRE

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ACCESS PLANNING DATA + SPECIFICATIONS

ZS0607

Electric scissor lift, wheeled

For builders, trades, facility managers and site planners

7.8 m
Maximum working height
indoor; 6.4 m outdoor (AC)

230 kg
Platform capacity
113 kg on the extension deck

0.76 m
Overall width
ZS0607AC; ZS0607ACW 0.81 m

1,455 kg
Machine mass
ZS0607AC; ZS0607ACW 1,620 kg

This document sets out the specifications and site planning data for our wheeled electric scissor lift so you can check early whether it suits the job: how high it reaches indoors and outdoors, what it carries, whether it fits through your access, and what the floor or ground has to take. The figures are transcribed from the manufacturer's operation and safety manual for the ZS0607 series. Operator instructions are left out.

Planning reference only

Use this document to plan and price a job, not to operate the machine. The manufacturer's operation and safety manual kept on the machine governs its use, and only trained and authorised operators may use it. Final planning is confirmed by Whitsunday Crane Hire against site conditions on the day.

CICA The Crane Industry Council of Australia

Talk to us about your job

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WCH-ZS0607-APD Rev A October 2026. Data source: Manufacturer's Operation and Safety Manual, ZS series, June 2023 Version I.
Figures for the ZS0607AC (outdoor series) and ZS0607ACW models.

Machine at a glance

Headline figures for the two outdoor rated ZS0607 models. Confirm with us which one is going to your job.

Item	ZS0607AC (outdoor series)	ZS0607ACW
Working height, indoor	7.8 m	7.8 m
Working height, outdoor	6.4 m	Ask us
Platform height, indoor / outdoor	5.8 m / 4.4 m	5.8 m / ask us
Platform capacity	230 kg	230 kg
Capacity on the extension deck	113 kg	113 kg
Maximum occupants	2 indoor, 1 outdoor	2 indoor, 1 outdoor
Maximum manual force	400 N indoor, 200 N outdoor	400 N indoor, 200 N outdoor
Maximum wind speed (outdoor)	12.5 m/s	12.5 m/s
Height stowed, rails up / folded	2.20 m / 1.79 m	2.20 m / 1.79 m
Overall width	0.76 m	0.81 m
Overall length, stowed	1.85 m	1.85 m
Platform size (length x width)	1.65 x 0.74 m	1.65 x 0.74 m
Extension deck	0.91 m	0.91 m
Platform height, stowed	1.05 m	1.05 m
Wheelbase / ground clearance	1.37 m / 0.06 m	1.37 m / 0.06 m
Machine mass	1,455 kg	1,620 kg
Drive speed, stowed / raised	4 km/h / 0.8 km/h	4 km/h / 0.8 km/h
Turning radius, outside / inside	1.6 m / 0.1 m	1.6 m / 0.1 m
Power	24 V. 4 x 6 V / 170 Ah batteries, or lithium-ion 160 Ah (-Li models)	24 V. 4 x 6 V / 170 Ah batteries, or lithium-ion 160 Ah (-Li models)
Platform AC power socket	Standard	Standard
Operating temperature	-20°C to 60°C	-20°C to 60°C

Which model?

The manufacturer's manual covers the whole ZS0607 family. The ZS0607AC outdoor series and the ZS0607ACW are the outdoor rated models. The manual does not give a separate outdoor working height for the ZS0607ACW, so check with us if your job is outdoors and needs more than 6.4 m.

Planning your site

Ground, slopes, wind, power lines and floor loads.

Ground and slopes

- The platform must only be raised on firm, level ground.
- Maximum chassis working angle with the platform raised: 3° lengthwise and 1.5° side to side. Beyond this the tilt alarm sounds and the platform must be lowered.
- Maximum slope when driving stowed: 25% (14°) uphill, downhill and side slope. Steeper slopes mean the machine has to be winched or transported.
- With the platform raised, drive speed is limited to 0.8 km/h. Do not drive raised on or near uneven terrain, unstable surfaces, holes or drop-offs.
- Pothole guards deploy automatically as the platform rises.

Indoor and outdoor use

- Outdoors: 1 person on the platform, and do not raise the platform if wind may exceed 12.5 m/s (28 mph).
- Indoors: up to 2 people and the full working height.
- The outdoor rated models have a selectable indoor and outdoor working mode.
- Do not increase the area of the platform or load exposed to wind.

Floor and ground loads

Item	ZS0607AC	ZS0607ACW
Tyre size	Ø323 x 100 mm	Ø323 x 100 mm
Tyre (wheel) load	580 kg	645 kg
Tyre contact pressure	9.25 kg/cm²	10.30 kg/cm²
Ground pressure	0.11 kg/cm²	0.12 kg/cm²
Machine mass	1,455 kg	1,620 kg

Use these for suspended slab, floor and pavement checks.

Power line clearance

The machine is not electrically insulated and gives no protection from contact with, or being near, electrical current. Keep at least these clearances, and allow for platform movement and line sway or sag.

Voltage	Required clearance
0 to 50 kV	3.05 m
50 to 200 kV	4.60 m
200 to 350 kV	6.10 m
350 to 500 kV	7.62 m
500 to 750 kV	10.67 m
750 to 1000 kV	13.72 m

Also: do not operate in lightning or storms, do not use the machine as a welding earth, and keep clear of crane paths unless the crane is locked out.

Transport, lifting and charging

For moving the machine onto your site, or lifting it into place.

Lifting the machine

- Lift only from the designated lifting points: two 2.5 cm holes on the front of the machine and two holes on the rear. Only qualified riggers should rig the machine.
- Forklift pockets are on both sides of the entry ladder. Raise the machine 0.4 m, then tilt the forks back slightly.
- The platform must stay fully lowered, with the extension deck, controls and trays secured, during loading and transport.

Centre of gravity	X axis	Y axis
ZS0607AC	69.5 cm	54 cm
ZS0607ACW	67.1 cm	50.3 cm

Measured as shown in the manufacturer's centre of gravity figure. Check the machine's serial label for its weight.

Transport and towing

- Secure to the truck or trailer with at least 2 chains or straps, with the extension deck lock on and the key removed.
- If the slope of the truck bed exceeds the slope rating, load and unload with a winch.
- Towing is not recommended. In an emergency: no more than 3.2 km/h, no more than 18 m, slopes no steeper than 25%, and never on a road.

Charging

- Charge from a grounded, 3-wire AC outlet, in a well ventilated area, protected from rain.
- Lithium-ion fast charger: 1,500 W, 8 A AC input current. An ordinary 10 A outlet can charge only one machine.
- Batteries act as counterweight and must not be swapped for lighter ones.

Terms used in this document

Working height	The height a person can work to, as quoted by the manufacturer. In these figures it is 2 m above the platform height.
Platform height	Height of the platform floor when fully raised.
Indoor / outdoor	Outdoor rated models are limited to 1 person and a lower height outdoors, and must not be raised in wind over 12.5 m/s.
Extension deck	The slide-out platform extension, 0.91 m, rated at 113 kg.
Manual force	The maximum force people on the platform may apply by hand, as rated by the manufacturer.
Chassis working angle	The maximum slope of the chassis with the platform raised.
Pothole guards	Guards that deploy automatically as the platform rises. If they do not deploy, the machine will not drive or steer.

Not covered by the manual figures: ask us

- Whether your floor or slab can take the wheel loads, and access widths, ramps and doorways on your site.
- Which exact model and power option is going to your job, and the machine's current inspection status.

Need elevated access? Send us the details.

Working height, what is going up on the platform, floor or ground conditions, access widths and indoor or outdoor use.

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Data in this document is transcribed from the manufacturer's Operation and Safety Manual for the ZS series electric scissor lifts (June 2023, Version I), covering the ZS0607 series. If anything here differs from the manual kept on the machine, the manual on the machine applies.