WHITSUNDAY CRANE HIRE

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ACCESS PLANNING DATA + SPECIFICATIONS

ZS0610C

Crawler scissor lift, tracked

For builders, trades, facility managers and site planners

8.8 m
Maximum working height
indoor; 8.0 m outdoor

250 kg
Platform capacity
113 kg on the extension deck

30 %
Gradeability
17°, stowed

1.05 m
Overall width
2.1 m long, 2.26 m high

This document sets out the specifications and site planning data for our tracked scissor lift so you can check early whether it suits the job: how high it reaches indoors and outdoors, what it carries, the slopes and ground it can handle, and how it gets onto your site. The figures are transcribed from the manufacturer's operation and safety manual for this model. 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-ZS0610C-APD Rev A October 2026. Data source: Manufacturer's Operation and Safety Manual, crawler scissor lifts, May 2023 Version C. Figures for the ZS0610C series.

Machine at a glance

Headline figures for the ZS0610C. The outdoor series is rated for both indoor and outdoor work.

Item	ZS0610C
Working height	8.8 m indoor, 8.0 m outdoor
Platform height	6.8 m indoor, 6.0 m outdoor. 1.12 m stowed
Platform capacity	250 kg. 113 kg on the extension deck
Maximum occupants	2 indoor, 1 outdoor
Maximum manual force	400 N indoor, 200 N outdoor
Maximum wind speed (outdoor)	12.5 m/s (28 mph)
Platform size	1.94 m long x 0.95 m wide, plus a 0.91 m extension deck
Overall size, stowed	2.1 m long x 1.05 m wide. Height 2.26 m with rails up, 1.77 m with rails folded
Ground clearance	0.127 m
Machine mass	1,700 kg (technical data table)
Drive	Crawler tracks, 24 V / 2 x 1.8 kW drive motors. 2 km/h stowed. No driving with the platform raised
Steering	Pivot steering on the spot (turning radius 0 m)
Gradeability, stowed	30% (17°), uphill, downhill and side slope
Maximum working slope	2° lengthwise, 2° side to side
Lift / lower time	34 s / 30 s
Power	Batteries 4 x 12 V / 270 Ah. Charger 24 V / 30 A
Platform AC power	Power socket on the platform, if equipped

Indoor series and outdoor series

The ZS0610C is made as an indoor series (8.8 m working height, 2 people, indoor use only) and an outdoor series (also 8.0 m and 1 person outdoors, wind up to 12.5 m/s). The figures above are for the outdoor series. Confirm with us which is going to your job.

Planning your site

Ground, slopes, wind and power lines.

Ground and slopes

- The platform must only be raised on firm, flat ground. Not on slopes, or on uneven, tilted, soft or frozen ground.
- Maximum working slope with the platform raised: 2° in each direction. Beyond this the tilt alarm sounds and the platform must be lowered.
- The machine does not drive with the platform raised.
- Gradeability stowed: 30% (17°). The manual warns the machine may overturn on slopes over 7°. Above 7° it is driven remotely, with the platform console removed and connected by its control cable.
- No load on the platform when driving on a slope, drive forwards, and keep the extension deck retracted.
- To cross a step, build a ramp no steeper than 7°. Do not drive on V-shaped or bumpy slopes, where the tracks can float and braking can halve.
- Do not drive straight from an uphill onto a downhill. Drive onto flat ground longer than the machine first.
- Take care near steps, slopes and openings. If it has to be used near them, a spotter is needed.
- Not for use on public roads.

Indoor and outdoor use

- Outdoors (outdoor series): 1 person on the platform, and do not raise the platform if wind may exceed 12.5 m/s (28 mph).
- Indoor series: indoor use only, and not indoors in strong wind.
- Do not increase the area of the platform or load exposed to wind.

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
ZS0610C	84 cm	60 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 1.6 km/h, no more than 18 m, slopes no steeper than 30%, and never on a road.

Charging

- Charge from a grounded, 3-wire AC outlet, in a well ventilated area.
- Charger 24 V / 30 A. Keep the battery compartment open for the whole charging cycle.
- 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 series	The outdoor series is limited to 1 person and 8.0 m working 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.
Gradeability	The steepest slope the machine can travel when stowed.
Pivot steering	Turning in place, without driving forward or back.

Not covered by the manual figures: ask us

- Ground bearing pressure under the tracks. The manual does not give one, so ask us for slab and floor checks.
- 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 crawler scissor lifts ZS0508C, ZS0610C and ZS1216C (May 2023, Version C), covering the ZS0610C series. If anything here differs from the manual kept on the machine, the manual on the machine applies.