

Crane hire (an average rates **)

Fact Sheet

Rates, travel & setup times will vary from area to area

Feb-20

The Parkwood price list **does not** include for the cost of crane hire or traffic management

The selection and cost of the crane is site related. Contract a local crane company or Parkwood for assistance in obtaining a quote
Variables such as the capacity and availability of a suitable crane as well as the travel & setup time will impact on the overall cost

The choice of crane is dependant on the weight and distance of the load to be lifted
The reach is measured from the centre of the crane pivot to the centre of the load
When calculating the reach we need to consider the swing radius and the outrigger distance
The crane must be positioned so the outriggers and counterweight swing are not obstructed
Consider roof eaves, power lines, obstructions, and vegetation (overhanging branches) when determining the location of the crane

Approx. Hourly Rate (ex GST) **	\$250	\$280	\$300	\$400	\$410	\$837	\$1,009	\$1,010	\$1,137	\$1,285	\$1,406
All Terrain Cranes											
Crane (tonne)	35	40	50	60	80	100	130	150	200	250	300
Total lift capacity (tonnes) (including lifting beams & chains)											
Reach (m)											
6	9.0	10.2	13.6	18.5							
8	8.6	10.0	12.5	15.6	19.9						
10	7.4	9.7	11.0	13.0	17.5						
12	5.8	8.3	8.9	10.8	15.2	20.1					
14		6.7	7.1	8.9	12.3	17.2	21.9				
16		5.4	5.7	7.5	10.1	14.5	19.4	21.5			
18				6.3	8.3	12.0	16.2	19.2			
20				5.4	6.9	10.5	13.6	17.3			
22					6.3	9.3	11.6	15.5			
24					5.6	8.1	10.6	14.2			
26						7.1	9.4	12.8	20.1		
28						6.3	8.3	11.3	17.9	21.7	
30						5.7	7.4	10.0	16.1	19.7	21.2
32						5.0	6.6	8.9	14.5	18.4	19.7
34							5.9	8.0	13.2	16.9	18.8
36							5.3	7.3	12.0	15.5	17.3
38								6.7	11.5	14.3	15.9
40								6.0	10.6	13.0	14.6
42								5.5	8.3	12.2	13.5
44								5.0	8.0	11.1	12.4
46									7.4	10.2	11.4
48									5.8	9.4	11.0
50										8.9	9.1
52										7.3	8.6
54										7.2	8.3
56										5.9	7.5
58											6.9
60											6.5
Crane length	10.310	10.970	10.460	11.360	12.595	13.050	14.825	15.027	15.282	15.965	17.450
Cab length	8.380	8.705	8.706	9.358	10.770	10.525	12.260	12.581	13.298	13.815	15.438
Cab width	2.500	2.500	2.500	2.540	2.750	2.750	2.750	2.750	3.000	3.000	3.000
Radius	3.150	3.730	3.510	3.500	3.700	4.260	4.880	4.440	5.450	5.500	6.430
Width over outriggers	6.725	6.800	6.800	6.800	7.550	7.500	7.500	7.600	8.300	8.294	8.532
Distance between outriggers	6.500	6.800	7.641	7.841	8.721	9.000	9.000	8.050	8.900	9.328	8.932

As a guide allow **0.20 to 0.25 tonne / m2** of the floor area when determining the weight of each section to be lifted

The hourly rate is calculated on a depot to depot basis. The larger cranes will have additional setup co

Normal working hours 7:00AM to 3:30PM Monday to Friday

Normal overtime charged at \$80/hour/man over the standard rate (will vary - check company)

Minimum normal hire is usually 4 hours for small homes and 8 or 10 hours for larger cranes plus travel

**An establishment cost will apply on large heavy cranes where counterweights are delivered separate

The only way to accurately determine the weight of each home section is to pick them up

Parkwood will tend to be conservative with it's estimation of the weight

Once under the hook the crane driver will know precisely how much the load weighs

The driver is solely responsible when lifting the load and will not exceed the rating of the crane

Parkwood may assist in the selection and will book the crane on behalf of the client.

Payment of crane invoice is the responsibility of the client.

The above information was obtained from Liebherr. Other cranes will have similar capacity

The following items have not been included when calculating the Parkwood price list			
The prices quoted in this guide are only an estimate & may vary from location to location.			
Site Establishment	Temporary WC	Council will require a WC established prior to work commencing on site. If there is an existing home or service on the site an additional WC will not be required. No work can start until the toilet has been established	About \$50 /week Coates Hire
	Security Fence	A 1800mm chain wire fence around the entire work site may be required by council. This is more often required where construction takes place in built up areas, where there is a high probability of pedestrian traffic and children. It is not required if there are existing boundary fencing. As the home is built off site, Council may accept a 1200mm star picket barrier fence in certain situations	Parkwood can assist you to obtain a quotation \$15 / m for 6 months
	Temporary soil erosion control barrier	On domestic sites a siltation screen and driveway traps are required to contain excavated soil from washing into the stormwater system. It's length and location is site related. It requires continual maintenance. Council will prosecute if soil migrates onto the street or into the drains	Parkwood can assist you to obtain a quotation about \$25 / m
	On site waste container	Council may require a waste container on site during construction. As most of the construction occurs at the Parkwood factory, council inspectors usually do not enforce this requirement. However it may be required if additional site works are necessary. No allowance has been included for this cost	4m ³ about \$300 10m ³ about \$550
	Site Plumbing	The plumbing in all Parkwood homes is carried out by licensed plumbers. A Permit Application for Plumbing and Drainage Work form is completed by the licensed contractor on completion of the factory work. All PC items are installed and water pipes are pressure tested. Usually the hot water heater is external so connection is carried out by the site plumber. All fixtures, including basins, WC, bath and shower outlets pass through the floor. Connection of this work is not possible at the factory and must be carried out by the site plumber.	Parkwood can assist you to obtain a quotation Prices usually range from \$6000 for a 1 bathroom home up to \$10,000 for a larger home with an envirocycle tanks
Site Contractors	Site Electrical	The electrical work in all Parkwood homes is carried out by licensed electricians. A Certificate of Compliance - Electrical Work form is completed by the licensed contractor on completion of the factory work. All light fittings, power outlets and switches are completed and tested during construction. The distribution board and circuits are complete. Once the home is installed the site electrician will be required to connect the electrical tails at section joins. If the water heater is electrical this will also require connection. The supply to the house will also be part of the site electrical work.	Parkwood can assist you to obtain a quotation Starting price usually starts at \$3,000. The price will vary depending on your site.
	Crane hire	A mobile crane is required during installation to lift each home section onto the foundations. The selection of an appropriate crane is site specific. The weight, site conditions, reach and availability will alter the selection and the hire rate. Parkwood will arrange the crane on behalf of the client. The invoice is made out by the crane operator directly to the client. For more details see our crane selection sheet.	Cranes charge by the hour and will include for the time to return back to their yard. The rate is based on the capacity of the crane.

The following items have not been included when calculating the Parkwood price list			
The prices quoted in this guide are only an estimate & may vary from location to location.			
Consultants	Basix	Manufactured homes do <u>not</u> require a basix report for council under the Local Government Act.	
	Bush Fire Report	A Bush Fire Report may be required if your site is in a wooded area. Parkwood can recommend a qualified consultant who can prepare this report. The cost for this report is paid by you directly to the consultant.	Price usually ranges from \$300, \$1,000.
	Engineers Report	Parkwood maintain a quality assurance programme. Consulting engineers ACOR visit our factory on a regular basis. They have prepared the structural designs used for the construction of all our homes. This design work is included in the cost of each home. Additional site specific engineering design may be required by council. Parkwood will assist you and coordinate this work. Any additional work will be charged and should be paid directly to the Design Engineer for example - building over sewers, designing for flood prone area, mine subsidence areas	Parkwood can assist you to obtain a quotation
	Town Planner	For dual occupancy and commercial applications the services of a Town Planner may be required. Parkwood can assist with this work, however often a specialist consultant is a necessary investment.	Parkwood can assist you to obtain a quotation
	Site Survey	A survey is essential if the construction is close to site boundaries or building lines. Council may require a survey at the end before an Occupancy Certificate will be issued	Starting price is a completion survey is \$1,000
	Fees	Council Fees Site inspections Sewer inspection	Council fees vary from council to council. The size and type of the development and the number of inspections required will vary this fee. Sewer and drainage fees are often included at this point
Home Warranty Insurance		Parkwood do not require Home Owners Warranty it is a manufactured home and does not exceed \$20,000 of site works as we are a factory built home.	
Parkwood	Paying consultants and contractors	Parkwood may if requested engage a consultant or contractor on your behalf. As you are buying a home from us we do this as a service and do not take a fee or commission from either party. We endeavour to act as your agent when coordinating this work. Parkwood expects the client to remain fully informed as to the extent of the work or service requested and to pay the account directly.	
		The prices quoted in this guide are only estimates, and may vary from location to location. A firm site specific quotation should be obtained.	