



CRANE SPECIFICATION

Linmac LCC45

COMPREHENSIVE LIFTING SOLUTIONS

We look forward to providing a full heavy lift engineering and crane solution for your next project. Our heavy lift engineers and on site personnel are experienced in managing and organising highly de-manding lift requirements.

Contact us to discuss your lifting requirements and a free quote.

BRISBANE (HQ)

07 3907 5800
37 Paringa Rd, Murarrie, QLD, 4172

BALLINA

02 6686 7748
5 Convair Ave, Ballina, NSW, 2478

GLADSTONE

07 4829 5219
7 Morgan St, Gladstone, QLD, 4680

ROMA

07 4622 5522
8 Wormwell Drive, Roma QLD 4455

TOWNSVILLE

07 4779 4088
16 Mackley St, Garbutt QLD 4814

RICHLANDS

07 3907 5800
462 Boundary Rd, Richlands QLD 4077

ROCKHAMPTON

07 4939 1095
39-42 Johnson St, Park Hurst, QLD, 4702

BILOELA

07 4939 1095
67 Dawson Hwy, Biloela QLD 4715

SUNSHINE COAST

0409 595 618
562 Maroochydore Rd, Kunda Park, QLD, 4556

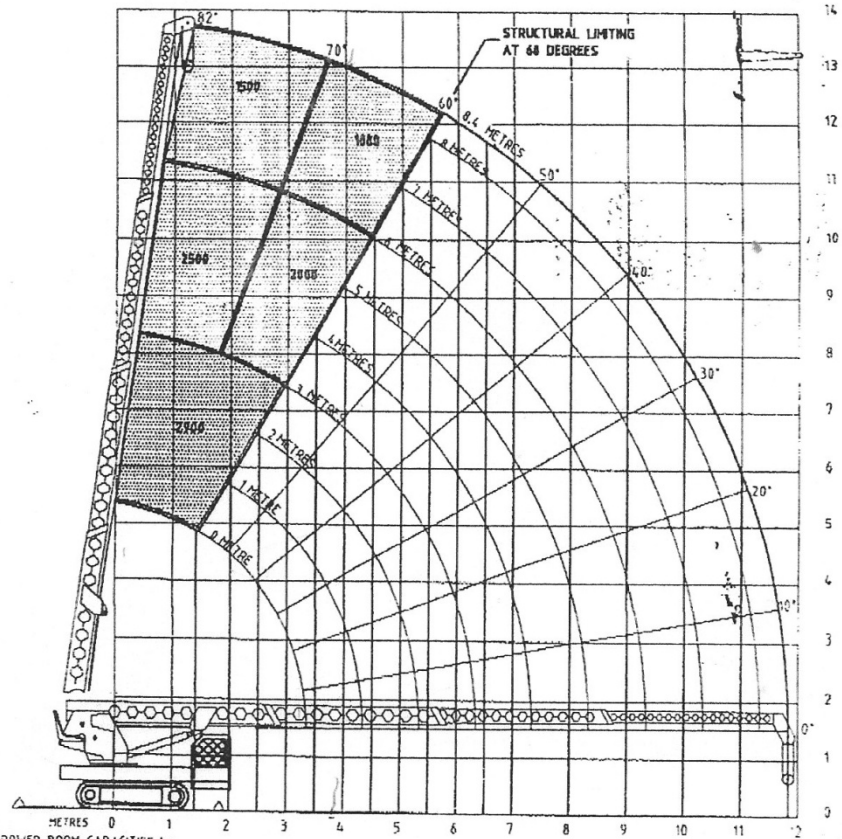
MACKAY

07 4952 6998
135 Diesel Drive, Paget QLD 4740



CRAWLER CRANE LIFT & REACH CHART

AT 75% OF TIPPING WITH OUTRIGGERS SET



POWER BOOM CAPACITIES kg
WITHOUT COUNTERWEIGHT

4500	3700	3000	2300	2200	2000	1600	1200	1000	900	800	640	460	380	330	310
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POWER BOOM CAPACITY kg
COUNTERWEIGHT = 600 kg

4500	3700	3000	2300	2200	2000	1800	1500	1250	1100	1000	800	600	500	450	400
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FLY BOOM CAPACITIES

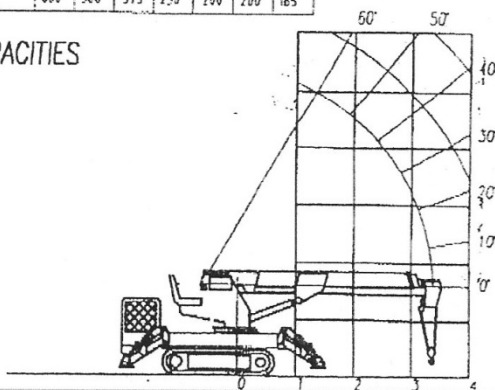
FLY BOOM OPERATIONAL RADIUS	4.5	5	7	9	11	12.5	14.95
RATED LOAD kg	600	500	375	250	200	200	165

LIFT & CARRY CAPACITIES

MAXIMUM LIFT AND TRAVEL LOAD
1200 kg AT 60°
CAPACITIES RATED AT 80% OF TIPPING.
IMPORTANT NOTES:
ALL BOOMS MUST BE RETRACTED
80° IS MAXIMUM LIFT ANGLE
NO LIFTING OVER SIDE OF MACHINE
WITHOUT USING OUTRIGGERS

REAR LIMITS

ANGLE	MAX WEIGHT
0°	800 kg
10°	820 kg
20°	870 kg
30°	940 kg
40°	1000 kg
50°	1100 kg
60°	1200 kg



LINMAC CRAWLER CRANE MODEL LCC45

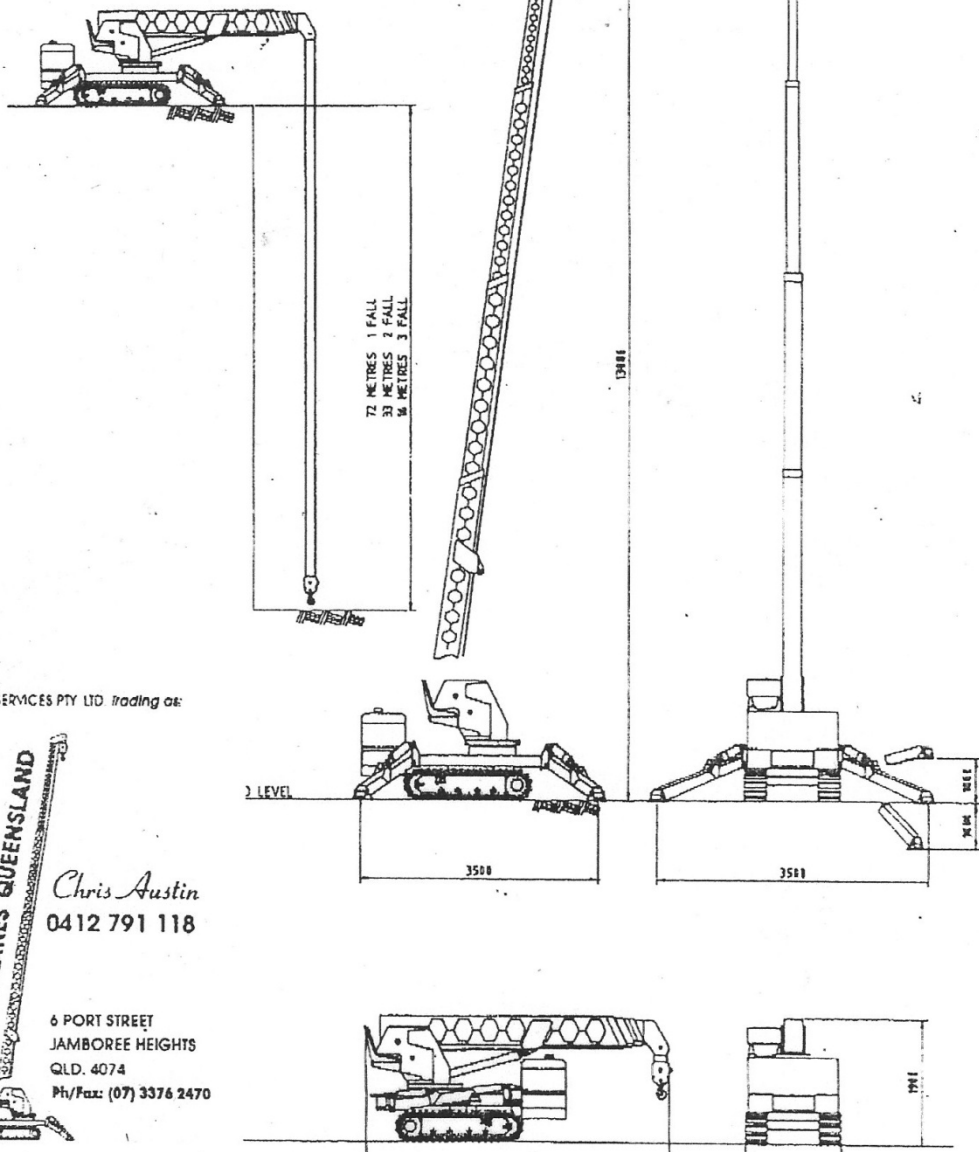
Crane:				
Capacity	4500kg at 2.0 metres			
Max Operating Radius:	Power Booms only	11.75 metres		
	Fly Boom attached	14.95 metres		
Max Lift Height:	Power Booms only	13.00 metres		
	Fly Boom attached	16.20 metres		
Winch:				
Lifting Rope:	12mm x 84 metres			
Lifting System:	Danfoss/Reggiana MLF087 OMSS315 drive motor including integral brake and dual over centre valve.			
Lifting Speed:	FALLS	1	2	3
	CAPACITY	1500 kg	2900 kg	4400 kg
	SPEED	35 m/min	17 m/min	12 m/min
				4500 kg
				9 m/min
Dimensions:				
Length	4.6 metres			
Width	1.4 metres			
Height (Boom Horizontal)	1.9 metres			
Weight (Base Machine)	4400kg Divisible			
Counterweight	600kg			
Boom:				
Retracted Length	3.35 metres			
Extended Length	Power Booms only	11.75 metres		
	Fly Boom attached	14.95 metres		
Steps	Power Booms	Four-part, rectangular		
	Fly Boom	Lattice Fly Boom, fifth-part		
Extension	Hydraulic proportional extension, parts two, three, and four			
	Manual swing-out, part five			
Telescopic Stroke	3 x 2803mm			
Time to Extend	5 seconds			
Luffing:				
Device	Double-Acting Hydraulic Cylinder			
Range of Angles	0-82°			
Luffing Time (0-82°)	9 seconds			
Slewing:				
Device	Hydraulic Motor, with Integral Brake and Overcentre Valve			
Range	360° continuous in either direction			
Speed	4 revolutions per minute			
Outriggers:				
Type	Four Hydraulic Cylinders			
Set-Up System	Manually swing from stowed position, pinned in place.			
	Hydraulic lowering			
Safety Devices:				
Overload Indicator	Load Cell with Gauge			
Overload Indicator	Mechanical Boom Angle Indicator			
Overload Alarm	Buzzer			
Hydraulics	Pressure Relief Valve			
Winch	Overcentre Valve			
Boom Luffing	Overcentre Valve			
Boom Extension	Overcentre Valve			
Slew	Overcentre Valve			
Outriggers	Pilot Check Valve			
Engine:				
Model	Kubota Water-Cooled Diesel			
Output	21.6kW @ 3000 rpm			
Travelling:				
Ascending Angle	30°			
Slow Speed	2.25km/h, Forward/Reverse			
Fast Speed	4.5m/h, Forward/Reverse			
Drive	Two x Danfoss/Reggiana Hydraulic Drive Motor, one per track			
Braking Angle	30°			
Turning	Independent Left and Right Track Controls, Forward/Reverse			
Tracks:				
Model	Bridgestone Rubber Crawler			
Width	320mm			
Ground Length	1650mm			
Ground Pressure	0.28kg/cm²			
Hydraulics:				
Pump	Commercial Single Gear Pump			
Relief Valve Setting	195kg/cm²			

Manufactured by Linmac Pty Ltd, Perth Western Australia who reserve the right to alter and improve the specifications without notice or obligation.
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LINMAC

CRAWLER CRANE

SPECIFICATIONS



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