

QLD MINI CRANES

CRANE					
Capacity	2900kg at 2.0 metres				
Max. Operating radius:	Power booms only 11.85 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	8mm x 84.00 metres				
Lifting system	Danfoss/Reggiana drive motor with integral brake & dual over centre valve				
Lifting speed	FALLS	1	2	3	4
	CAPACITY	750 kg	1500 kg	2250 kg	2900 kg
	SPEED	48m/min	24m/min	16m/min	12m/min
DIMENSIONS					
Length	5.365 metres				
Width	1.53 metres				
Height (boom Horizontal)	1.68 metres				
Weight (base Machine)	3400kg divisible				
Counterweight	600kg				
BOOM					
Retracted length	3.35 metres				
Extended length	Power booms only	11.85metres			
	Fly boom attached	14.95 metres			
Steps	Power booms	Four-part			
	Fly boom	Lattice fly boom, fifth-part			
Extension	Hydraulic sequential/proportional extension				
Telescopic stroke	3 X 2800mm				
Time to extend	33seconds				
LUFFING					
Device	Double acting hydraulic cylinder				
Range of angles	0 - 82°				
Luffing time (0-82°)	33seconds				
SLEWING					
Device	Hydraulic motor, with integral brake & over centre 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	Electronic load sell on winch rope with cabin display				
Overload indicator	Mechanical boom angle indicator				
Hydraulics	Pressure relief valve				
Winch	Over centre valve				
Boom luffing	Over centre valve				
Boom extension	Over centre valve				
Slew	Over centre valve				
Outriggers	Over centre valve				
ENGINE					
Model	Kubota water-cooled diesel				
Output	18kw @ 2600 rpm				
TRAVELLING					
Ascending angle	30°				
Speed	2.4km/h, forward/reverse				
Drive	Two x danfoss/reggiana hydraulic drive motor, one per track				
Braking angle	30°				
Turing	Independent left & right track controls, forward/reverse				
TRACKS					
Model	Bridgestone rubber crawler				
Width	320mm				
Ground length	1650mm				
Ground pressure	0.32kg/cm ²				
HYDRAULICS					
Pump	Rextroth A10V variable displacement piston pump				
Relief valve setting	250kg/cm ²				

LINMAC LCC29

QMC006

