

# Mast Boom Lifts

	<b>Toucan 1210</b>	<b>Toucan 1310</b>
Working Height	12.00 m	13.00 m
Platform Height	10.00 m	11.00 m
Horizontal Outreach	5.00 m	5.22 m
Horizontal Outreach with platform rotation	5.22 m	–
Up and Over Height	9.95 m	10.89 m
Swing (not continuous)	360°	360°
Platform rotation	120° 2	120°
Platform Capacity	200 kg 1	200 kg 1
Jib – Overall Length	3.40 m	3.40 m
Jib – Range of articulation	-57° +59°	-57° +59°
A. Platform Size (L x W)	1.10 m x 0.70 m	1.10 m x 0.70 m
B. Overall Width	1.20 m	1.35 m
C. Tailswing	15 cm	8 cm
D. Stowed Height	1.99 m	2.19 m
E. Overall Length	3.85 m	4.07 m
Overall Length with platform rotation	4.07 m	–
F. Wheelbase	1.60 m	1.60 m
G. Ground Clearance	8 cm	8 cm
Gross Weight	5,200 kg	5,600 kg
Gross Weight with platform rotation	5,300 kg	–
Maximum Ground Bearing Pressure	17.7 kg/cm <sup>2</sup>	18 kg/cm <sup>2</sup>
Drive Speed - Lowered	3.50 km/h	3.80 km/h
Drive Speed - Elevated	0.65 km/h	0.65 km/h
Turning Radius (outside)	3.20 m	2.15 m
Turning Radius (inside)	1.53 m	0.00 m
Gradeability	12%	20%
Distance from Platform to Wall (Standard Platform) – Over Front	0.00 m	0.00 m
Distance from Platform to Wall (Standard Platform) – Over Sides	0.00 m	0.00 m
Tyres (solid)	21 x 8 x 15	21 x 8 x 15
Electrical system	24V DC	24V DC
Batteries	12 x 2V - 560 A/hr	12 x 2V - 930 A/hr
Charger	24V – 70A	24V – 70A
Drive motors	2 Hydraulic motors	2 Hydraulic motors
Brakes	Disc	Disc
Electrical motor	4.8 kW 24V DC	2 x 4.8 kW 24V DC
Hydraulic pump	5.2 cc/rev	5.2 + 3.5 cc/rev
Hydraulic reservoir	35 L	35 L

