

# Mast Boom Lifts

	<b>Toucan 800</b>	<b>Toucan 800 DI</b>	<b>Toucan 870</b>	<b>Toucan 910</b>
Working Height	8.00 m	8.00 m	8.72 m	9.00 m
Platform Height	6.00 m	6.00 m	6.72 m	7.00 m
Horizontal Outreach (standard platform)	2.20 m	2.80 m	3.14 m	3.10 m
Horizontal Outreach (aluminium platform)	2.50 m	–	3.46 m	–
Up and Over Height	6.00 m	–	6.66 m	6.84 m
Swing (not continuous)	360°	360°	2 x 90°	360°
Platform Capacity	200 kg 1	200 kg 2	220 kg 1	200 kg 1
Jib – Overall Length	1.18 m	1.18 m	1.48 m	–
Jib – Range of articulation	-72° +45°	-72° +45°	-62° +66°	–
A. Platform Size (L x W) Standard Platform	0.90 m x 0.70 m	0.90 m x 1.30 m	0.90 m x 0.70 m	0.95 m x 1.39 m
Platform Size (L x W) Aluminium Platform	0.90 m x 1.01 m	–	0.90 m x 1.01 m	–
B. Overall Width	0.99 m	0.99 m	0.99 m	0.99 m
C. Tailswing	20 cm	20 cm	10.5 cm	8 cm
D. Stowed Height	1.99 m	1.99 m	1.99 m	1.99 m
E. Overall Length (standard platform)	1.90 m	2.50 m	2.68 m	2.78 m
Overall Length (aluminium platform)	2.20 m	–	2.99 m	–
F. Wheelbase	1.20 m	1.20 m	1.20 m	1.30 m
G. Ground Clearance	8 cm	8 cm	8 cm	8 cm
H. Deck Extension	–	–	–	0.95 m x 2.14 m
Gross Weight – Standard Platform	1,950 kg	2,000 kg	2,980 kg	3,400 kg
Gross Weight – Aluminium	1,950 kg	–	2,980 kg	–
Maximum Ground Bearing Pressure	14.9 kg/cm <sup>2</sup>	14.9 kg/cm <sup>2</sup>	16.8 kg/cm <sup>2</sup>	18.6 kg/cm <sup>2</sup>
Drive Speed - Lowered	4 km/h	4 km/h	3.70 km/h	4 km/h
Drive Speed - Elevated	0.65 km/h	0.65 km/h	0.65 km/h	0.65 km/h
Turning Radius (outside)	2.40 m	2.40 m	2.40 m	1.75 m
Turning Radius (inside)	1.05 m	1.05 m	1.05 m	0.00 m
Gradeability	20%	20%	15%	20%
Distance from Platform to Wall (Standard Platform) – Over Front	0.00 m	0.00 m	0.00 m	0.00 m
Distance from Platform to Wall (Standard Platform) – Over Sides	0.00 m	0.00 m	0.00 m	0.00 m
Tyres (solid)	4.00 x 8	4.00 x 8	4.00 x 8	16 x 5 x 10.5
Electrical system	24V DC	24V DC	24V DC	24V DC
Batteries	12 x 2V – 270 A/hr	12 x 2V – 270 A/hr	12 x 2V – 270 A/hr	12 x 2V – 600 A/hr
Charger	24V – 30A	24V – 30A	24V – 30A	24V – 70A
Drive motors	2 hydraulic motors	2 hydraulic motors	2 hydraulic motors	2 hydraulic motors
Brakes	Disc	Disc	Disc	Disc
Electrical motor	4.8 kW 24V DC	4.8 kW 24V DC	4.8 kW 24V DC	4.8 kW 24V DC
Hydraulic pump	3.3 cc/rev	3.3 cc/rev	3.3 cc/rev	5.2 cc/rev
Hydraulic reservoir	20 L	20 L	20 L	26 L

