

SECTION 8. GENERAL SPECIFICATIONS & OPERATOR MAINTENANCE

8.1 INTRODUCTION

This section of the manual provides additional necessary information to the operator for proper operation and maintenance of this machine.

The maintenance portion of this section is intended as information to assist the machine operator to perform daily maintenance tasks only, and does not replace the more thorough Preventive Maintenance and Inspection

Schedule included in the Service and Maintenance Manual.

Other Publications Available :

Service and Maintenance Manual MA0235

Illustrated Parts Manual31210057

8.2 OPERATING SPECIFICATIONS

Table 8-1. Operating Specifications And Dimensions

	T1010		T1010I
	Basket 700x900 mm	Basket 1010x900 mm	
Maximum Work Load	200 kg (2 persons + 40 kg material)		
Slewing	360° non-continuous		
Max. Platform Height	8.10 m		
Horizontal Reach (from centerline of machine)	2.76 m	3.08 m	2.76 m
(from rear wheel edge)	1.89 m	2.21 m	1.89 m
(from side wheel edge)	2.26 m	2.58 m	2.22 m
Up and Over Clearance	6.47 m		
Max. Hydraulic System Pressure	23 MPa		
Maximum Operating Wind Speed	45 km/h (12.5 m/s)		0 km/h
Maximum Horizontal Manual Force	400 N		
Electrical System Voltage	24V		
Gross Machine Weight (Platform Empty) before 2010	3300 kg		2650 kg
Gross Machine Weight (Platform Empty) since 2010	3450 kg		
Overall Length	2.90 m	3.23 m	2.90 m
Overall Height	1.99 m		
Overall Width	0.99 m		1.06 m
Maximum Wheel Load	2200 kg		1900 kg
Maximum Travel Grade (Gradeability) With mast in stowed position and jib below horizontal	20% (11°)		
Maximum Travel Grade (Side slope) With mast in stowed position and jib below horizontal	5°		
Tilt Sensor Setting	2°		
Turning Radius Inside : Mast raised up to 2m Raised Outside : Mast raised up to 2m Raised	0 1.78 m 1.75 m 3.37 m		
Vibration levels	The weighed root mean square acceleration value to which the arms are subjected (control levers) is inferior to 2.5m/s/s.		
	The weighed root mean square acceleration value to which the feet are subjected (platform floor) is inferior to 0.5m/s/s/.		
Acoustic pressure	The equivalent continuous 'A' weighed sound pressure level at the work station is < 70 dB(A).		
	The measure has been taken by placing the sonometer at 1.60m above the platform floor.		

Fluid Capacities

Table 8-2. Capacities

Main Hydraulic Tank	22l
---------------------	-----

Electric power unit

Table 8-3. Electric Power Unit Specifications

			Maximum 24 MPa	
Main Power Unit	Motor	Power	4.8 kW	
		Voltage	24 VDC	
	Pump	Flow Rate	11.3 l/mn	
		Displacement	5.2 cm ³ /t	
Steering Unit	Motor	Power	SPX 0.8 kW	PARKER 0.5 kW
		Voltage	24 VDC	
	Pump	Displacement	0.5 cm ³ /t	

Batteries

Table 8-4. Battery Specifications

Voltage	24 Volt	
Amp Hour Rating	T1010	620Ah (5h rate)
	T1010I	280Ah (5h rate)
Life Cycle Rating	1200 Cycles	