

**Tanjung Jati B Expansion Project**  
**179956.67.0402**  
**Bucket Wheel Stacker Reclaimer**  
**Mechanical Operation and Maintenance Manual**



In all cases, the bogie assembly consists of a fabricated frame that houses a wheel assembly, which has electrical lubricated spherical roller bearings and seals connected to the auto lubricated system.

All wheels are 630 mm in diameter, have integral dual flanges and are machined from forged steel and heat-treated for a hardened wear surface.

Rail scrapers protect the bogies and wheels against damage from obstructions.

### 5.1.1.2 Technical Data

#### Machine Drawings:

Refer to Appendix Drawing

PROJECT DOCUMENT NO.	SUPPLIER DWG/DOC NO.	DWG/DOC TITLE
TJB56-L3-OFF-C-EAD-M-DGA-0425	B1260200400102	LONG TRAVEL ARRANGEMENT
TJB56-L3-OFF-C-EAD-M-DGA-0426	B2260200010692	Driven Wheel Unit
TJB56-L3-OFF-C-EAD-M-DGA-0427	B2260200010694	Undriven Wheel Unit

### 5.1.1.3 Maintenance Tasks

BOGIE ASSEMBLY			
MAINTENANCE TASK	RECOMMENDED INTERVAL	ISOLATION REQUIRED	REMARKS
INSPECTION			
Check bogies in operation	Every month	No	Refer 5.1.1.4.1
Check Rail Scrapers	Every month	No	Refer 5.1.1.4.1
Automatic lubrication	Every month	Yes	Refer 5.1.1.4.2
Check wheel flange wear	Every 6 Months	Yes	Refer 5.1.1.4.3
SERVICING			
Clean	Every 6 Months	Yes	
Check for loose fasteners and tighten	Every 3 Months	Yes	Refer 5.1.1.4.4