

Engine:	Ashok Leyland H6 ETIC3RU 23/3
Gross Power:	99.2kW (133HP) @ 2300 RPM
Rated Payload:	3,500 kg
Std Operating Weight:	11,500 kg
Bucket Capacity:	1.5 - 3.0 m ³

L&T 9020 WHEEL LOADER

Optional Attachments

- ▶ Air Conditioned Cabin
- ▶ High Lift Arm
- ▶ Dozer Blade
- ▶ Rear View Camera



Manufactured by

L&T Construction Equipment Limited

Marketed & Serviced by

 **L&T Construction & Mining Machinery**

CIN: U29119MH1997PLC109700

A brand of Larsen & Toubro Limited

SPECIFICATIONS

Operating Specifications



Operating Weight (Standard).....	11,500 kg
Rated Payload.....	3,500 kg
Breakout Force.....	11,200 kgf
Rated Bucket Capacity.....	2.0 Cu. m

Engine



Make & model.....	Ashok Leyland- H6ETIC3RU23/3
Type.....	4-stroke, water-cooled, direct injection with turbo charger
Gross Power Rating.....	99.2 kW (133 HP)@ 2,300 rpm
Gross max. torque.....	475 Nm @ 1700 - 1900 rpm

Transmission



Make	AVTEC - TT2221-1
Type.....	Transmission with electric power shift, constant mesh, spur and planetary gears
Travelling speed	Forward 4.2 - 26 kmph Reverse 5.7 - 11.8 kmph

Axles & Tyres



Type.....	4-Wheel drive
Make.....	Graziano
Model & type.....	PR 10& 45% LSD
Rear axle oscillation.....	± 12 degrees
Tyre (standard).....	14.00x25 - L3-20PR
Wheel Rim.....	10.00x25

Brakes

Service Brake.....	4 Wheel oil immersed wet multi disc brake fitted at planetary hub
Parking Brake.....	Internal expanding shoe type fitted on transmission at output to front axle

Hydraulic System



Tandem Gear pump directly mounted on to the Transmission	
Loader actuation.....	Hydraulic Joystick
Arm operations.....	Raise, hold, lower & float
Bucket operations.....	Roll-back, hold & dump (Auto Return to dig)

Pressure Settings

Loader relief valve.....	225 bar
Steering relief valve.....	158 bar

Service Refill Capacities



Engine Coolant.....	47 L
Fuel Tank.....	198 L
Engine Lubrication Oil.....	14 L
Transmission Oil.....	38 L
Front Axle Oil.....	28 L
Rear Axle Oil.....	28 L
Hydraulic Oil (Total System).....	110 L (140 L)

Note:

- ▶ Operating Specifications are as per SAE J818, SAE J732 & SAE J742.
- ▶ Materials & Specifications are subjected to change without notice.

OPERATING DIMENSIONS

Parameter	Unit	Value
A Overall Height	mm	3,072
B Height to top of exhaust stack	mm	2,961
C Ground Clearance	mm	410
D Wheel Base	mm	2,800
E Tread (Wheel Track)	mm	1,920
F Overall Width	mm	2,325
G Machine Clearance Radius	mm	5,021
H Articulation Angle	deg	40

Parameters	Unit of Measure	Light Material Bucket	Heavy Material Bucket	High Lift Arm
		Weld-on Teeth	Weld-on Teeth	Weld-on Teeth
J Overall Length	mm	7,249	6,977	7,668
K Height to Hinge Pin - Fully Raised	mm	3,755		4,387
L Overall Operating Height - Fully Raised	mm	5,203	4,932	5,403
M Rollback - Fully Raised	deg	55		
N Max. Rollback - Fully Raised	deg	64		55
P Dump Angle	deg	45		43
Q Max. Rollback at ground	deg	41		49
R Max. Rollback Angle at carry position	deg	48	48	50
S Loader Clearance Circle	mm	5,904	5,653	6,054
T Dump Height	mm	2,575	2,744	3,480
U Reach - Fully Raised	mm	1,413	1,244	1184
V Digging Depth	mm	110	110	110
W Load Over Height	mm	3495		4127

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