

GAINWELL



# RUN

RENTAL | USED | NEW



**HINDUSTAN  
2021D**  
WHEEL LOADER



IMPROVED  
OPERATOR ENVIRONMENT



HIGHLY RELIABLE &  
FUEL EFFICIENT ENGINE

**Best  
GOT  
Better**



HIGHER PRODUCTIVITY  
WITH IMPROVED LIFT HEIGHT



LOWEST OWNING &  
OPERATING COST

*2021D has excellent loading features with single lever mechanism, less maintenance and high resale value.*

Janta Vokta  
Tandwa, Jharkhand

*Very good, productive machine and best product support*

D. K Gupta  
Abhishek Enterprises  
Kanpur, Uttar Pradesh

# SPECIFICATION

## Engine

Make & Model	Ashok Leyland / H6ETIC3RU23
Type	4 Stroke, 6 Cylinder, water cooled, turbo with charged air cooler
Gross Power	98kW (133 hp) @ 2300 rpm
Max Torque	475 Nm @ 1600 - 1800 rpm

## Transmission

Make	Avtec –TT2221-1
Type	Powershift transmission with mechanically actuated hydraulic control
Travelling speed	Forward : 1st Gear 7.0 kmph; 2nd Gear 25.8 kmph Reverse : 1st Gear 9.5 kmph

## Drive axles

Type	4WD with Conventional heavy duty differential with planetary hub reduction
Rear axle oscillation	+/- 11 deg

## Tire

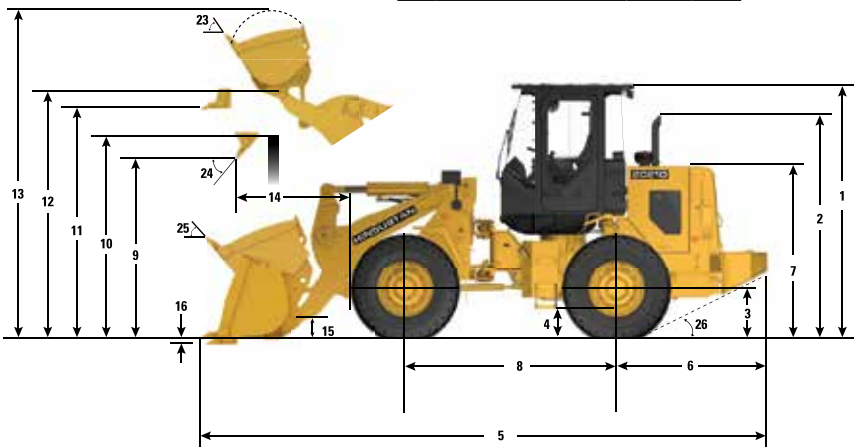
Standard size	14.00 x 25 – 20 PR E3/L3
---------------	--------------------------

## Brakes

Service brake	4Wheel air actuated brakes with separate circuit for front & rear
Parking brake	Mechanically expanding shoe brake mounted at transmission output shaft
Emergency brake	Uses Service brake. Applies automatically under low air pressure and can also be applied manually

## Operating Dimensions

1 Height : ground to cab	3207 mm	12 Height : bucket pin	3828 mm
2 Height : ground to exhaust	2380 mm	15 Carry height : bucket pin	460 mm
3 Height : ground to axle center	634 mm	18 Width : tread centre	1976 mm
4 Height : ground clearance	367 mm	20 Width : over tires	2362 mm
6 Length : rear axle to bumper	1907 mm	21 Turning radius : outside of tires	4970 mm
7 Height : ground to hood	2163 mm	22 Turning radius : inside of tires	2365 mm
8 Length : wheel base	2658 mm	23 Rack angle at full lift	58 deg
10 Clearance : load over height	3453 mm	24 Dump angle at full lift	50 deg
11 Clearance : level bucket	3553 mm	25 Rack angle at carry	50 deg
		26 Departure angle	27 deg
		27 Articulation angle	40 deg



## Hydraulic System

Tandem gear pump, Two spool hydraulic control valve	
Loader control	Single lever, Hydraulic joy stick
Lift arm operation	Raise, hold, lower & float
Bucket operations	Rollback, hold & dump
Loader system pressure	213 bar
Steering system pressure	160 bar

## Cabin

Spacious, Ergonomic and comfortable cab with low sound level and all around visibility is the standard features for all machines. HVAC Option available.

## Electrical

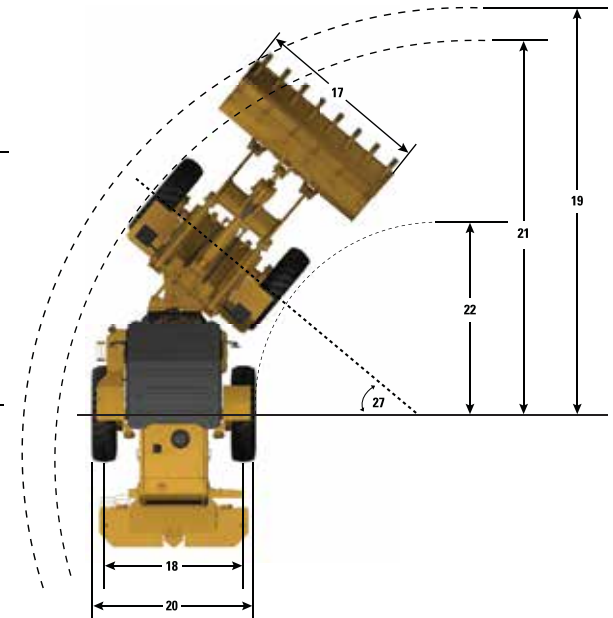
System includes 55A alternator, automatic voltage regulator and 2 x 12V, 130 ampere-hour batteries

## Service Refill capacities

Fuel Tank	181 L
Cooling System	24 L
Engine crankcase	16 L
Transmission	41 L
Front Axle Oil	20 L
Rear Axle Oil	20 L
Hydraulic tank oil (Full system)	90 L (135L)

Dimensions listed are configured with standard and heavy counterweights, 80 kg (176 lb) operator and 14.00 x 25 – 20 PR E3/L3 tires at a recommended pressure of 3.8 bar (55 psi) in the front tires and 3.1 bar (45 psi) in the rear tires.

Parameters	Unit	General purpose			
		Light material	Rock		
Bucket size	cu.m	1.7	2.0	3.0	1.7 RK
5 Length : Over all	mm	7133	7197	7435	7354
9 Clearance : bucket at 45°	mm	2879	2828	2648	2736
13 Height : over all	mm	4893	4915	5209	4848
14 Reach : bucket at 45°	mm	1263	1299	1449	1426
16 Dig depth	mm	77	77	77	82
17 Width : bucket	mm	2550	2700	2800	2550
19 Turning radius, bucket at carry	mm	5623	5708	5821	5687
Breakout force	kg	11122	10329	8096	8877
Operating weight	kg	11506	11569	12176	11586
Ground engaging tool		Weld on teeth			



Disclaimer : Materials and Specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Caterpillar dealer for available options. CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission. ©2020 Caterpillar All Rights Reserved.