

## Technical Specifications for Dual Arm Wheeled Skid Steer Loader - As Per IS/ISO 7131: 2009 (Latest)

Self Propelled wheeled machine which has front- mounted equipment primarily designed for loading operation (bucket use) and which loads or excavates through forward motion of the machine and other multiple tasks

Parameter	Requirement
Attachment	Multi-purpose Bucket
Ignition type	Diesel
Aspiration	Naturally Aspirated
Number Of Cylinders	4
Net flywheel power at given engine speed (hp)	45 Horsepower
Maximum Engine torque(Nm)	195
Engine cooling system	Liquid coolant
Type of Fuel	Diesel
Engine Location	Rear
Drive system	All-wheel drive
Emission Compliance	BS III
Gross Power (hp)	48
Operating Weight (Kg)	2995 KG
Arm lifting force (N)	14450.0
Maximum Speed (kmph)	13
<b>Operating Load rating (kg)</b>	<b>620</b>
Vehicle Certification ARAI/VRDE/ICAT safety standards of components and road worthiness as per CMVRrules	Yes
Test report of the product from AnyILAC/NABL accredited/central government lab	To be furnished
IS 11114 : 2006 Earth-moving machinery - Definitions of dimensions and codes: base machine Equipment and attachments	Yes
Responsibility of Registration with RTO	Yes

IS 13116 : 2006 Earth-moving machinery- Definitions of dimensions and codes: base machine and attachments	Yes
IS 13116 : 2006 Earth-moving machinery- Engine Test Code - Netpower	Yes
Overall Length with attachment	3475 milimeter
Overall operating height (mm)	4000.0
Bucket Capacity	400 Litre
Dump Angle (Degree)	40
Dump Height	2180 milimeter
Maximum dump height when clam open	4000 milimeter
Maximum dump height when clam closed	2180 milimeter
Rollback (Specify height)	3020 milimeter
Carry Position	10
Minimum turning radius with bucket in carry position	2165 milimeter
Bucket Width	1708 Milimeter
Maximum Grading angle	23
Operating Load	620 Kilogram
Turning Radius from center-Machine Rear	1997 Milimeter
Type of Transmission	Hydrostatic
Hydraulic pump system type	Gear Type
Type of Final drive	Gear Train
Steering System	All-Wheel Steer
<b>Fuel tank Capacity</b>	<b>62L</b>
Lift capacity to maximum height	3000 mm
Turning radius	2529 mm
Warranty period	12 months
Operating hours during warranty period	2000 hour
Battery Warranty	12 Month
Number of Free Services	4
Type of transmission	hydrostatic

<b>Steering system</b>	All-Wheel Steer
<b>Tipping load at maximum reach (KN)</b>	1240
<b>Final Drive</b>	Through positive gear boxes