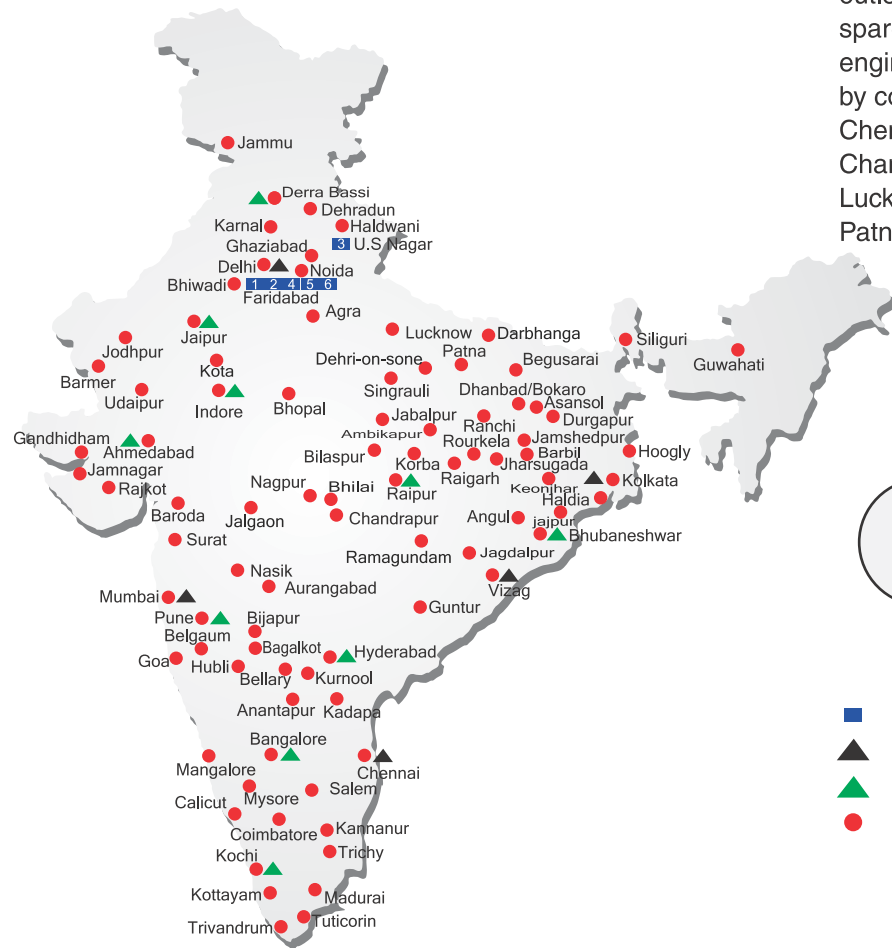


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ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ± 5%. Accessories if shown are not part of the Standard Equipment.



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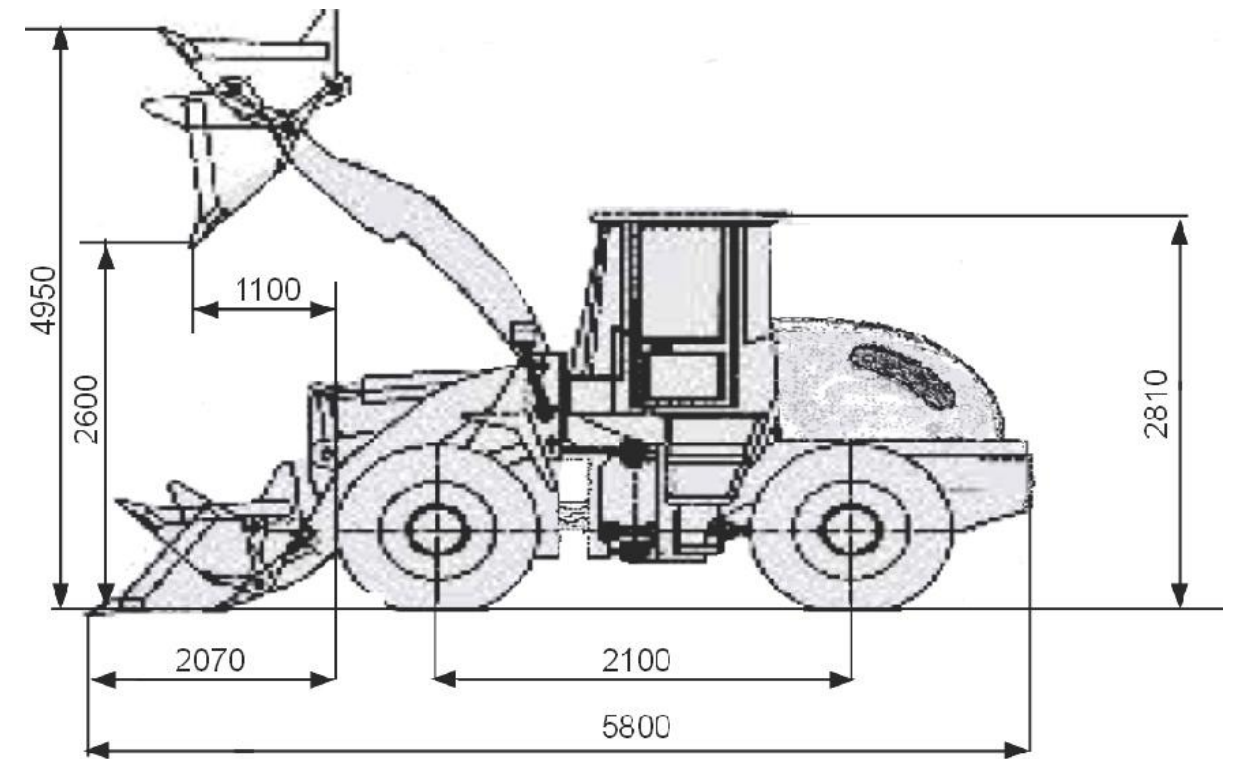
Specifications

ALN 100

Engine	SIMPSON - TSJ436 4 Cylinder, 4 Stroke, BOSCH Rotary FIP Water Cooled, Turbo Charged, Direct Injection, Diesel Engine	Electrical System	12 Volt DC Battery with Negative Earth
Rating	Maximum Gross Rating hp 75 - 5% @ 2200 RPM Maximum Gross Torque Nm 295 @ 1500 RPM	Instrument Panel	Well Design instrument Panel at visible location with engine's speed, Hour Meter, Engine Lub, Turning Indicator, Temp Gauge etc.
Engine Cooling System	Rear Engine/Rear Cooling package	Operating Weight	4000 Kg
Transmission	Four Wheel Drive with Integrated Gear Box and Torque Converter Full Powershift, 2 Forward, 2 Reverse Speeds, Maximum Travel Speed : 24 Km/h	Loader Bucket	Rated Bucket Capacity : 1.03 Cum.M Rated Load : 1800 Kg
Axle	Front : Drive, Rigid Axle Rear : Drive, Centrally Pivoted Rear Axle Swing Angle $\pm 12^\circ$	Z-Bar Advantage	Z - bar design provides higher break out force and better working efficiency, ensuring faster working with minimum spillage
Steering	Hydrostatic Power Steering Min. Turning Radius (outside of Bucket) 3450mm Maximum Turing Angle $35^\circ \pm 1^\circ$	Refill Capacity	<ul style="list-style-type: none"> Hydraulic Tank (With Pipe Level Gauges) : 80 Ltr Fuel Tank (With Pipe Level Gauges) : 80 Ltr Engine Lucubrating Oil : 9 Ltr Brake Oil : 0.5 Ltr Transmission & Torque Converter Oil Work : 20 Ltr
Brakes	Pneumatically assisted hydraulic disc brakes on all wheels. Mechanically actuated disc brake for parking.	Tyres	Front And Rear – 12.5/80-18 Tyre Type : TT Traction Pattern is Suitable Design for on & off-the road use, in all weather condition
Cabin	ROPS fully enclosed wide view cabin with easy entry and exit from the cabin.	Optional Equipment	6 in 1 Bucket
Hydraulic System	Main Pump Flow : 110 lpm		

Load Chart

ALN 100



MAIN DIMENSIONS AND WEIGHT

(A) Overall Length (Bucket at the end of Flat Ground)	5800 mm
(B) Overall Width (Bucket Width)	2070 mm
(C) Overall Height (Cab Top)	2810 mm
(D) Wheel Base	2100 mm
(E) Min Ground Clearance	270 mm
(F) Track Width	1500 mm
(G) Dump Height	2600 mm
(H) Load Over height	3800 mm
(I) Bucket Pin Height	3500 mm
(J) Reach at Ground	2070 mm
(K) Reach at Bucket Dumped Height	1100 mm
(L) Max. Reach at Full Height	1600 mm
(M) Full Operating Height	4950 mm
Bucket on Turn Angle	
Lowest Position (Bucket Pin 140 mm from the Ground)	45°
Transport Position (Bucket Pin 310 mm from the Ground)	50°
Top Position (Bucket Pin 3433 mm from the Ground)	54°
Pay Load	1800 Kg
Max. Breakout Force	32 KN