

# ACE

## Specifications

## ALN 300

<b>Engine</b>	Cummins 6BT5.9-C125 developing 123 hp (92 kW) @ 2000 rpm, Direct Injection, turbo charged, water cooled Diesel engine
<b>Max. Torque</b>	540 Nm @ 1400 rpm
<b>Transmission</b>	4 wheel drive, power shift, constant mesh transmission with 4 forward and 2 reverse speeds.
<b>Forward Speeds</b>	I      II      III      IV 7.5   13.5   24   40
<b>Reverse Speeds</b>	9      29.5
<b>Axle</b>	Front fixed, rear floating, heavy duty axle with spiral bevel gear
<b>Max. Torque</b>	Oscillation angle of rear axle is $\pm 12^\circ$ .
<b>Steering</b>	Highly effective, Center articulated frame steering with co-axis flow for immediate response and system pressure 10 Mpa.
<b>Articulation</b>	$35^\circ \pm 1^\circ$
<b>Brakes</b>	
<b>Service Brake</b>	Caliper Disc Brakes.
<b>Emergency Brake</b>	Air assisted oil disc on 4 wheels.
<b>Parking Brake</b>	Soft shaft control, disc brake
<b>Cabin</b>	Wide View, comfortable and air-conditioned cabin. Easy access. Vibration absorbing cabin for comfortable operation with noise reduction & well laid out instrument panel.

<b>Refill Capacities</b>	
● Fuel Tank :	168 ltrs.
● Engine Oil :	16.3 ltrs.
● Hydraulic Oil :	120 ltrs.
● Cooling System :	25 ltrs.
● Transmission Oil :	32 ltrs.
● Axle :	
Final drive (Each) :	4 ltrs.
Front/Rear Axle :	8 ltrs.
<b>Bucket Capacity</b>	1.7m <sup>3</sup> general purpose bucket with a width of 2430 mm.
<b>Operating weight</b>	9,970 kg.
<b>Tyre</b>	17.5 X 25-20 PR
<b>Turning Radius</b>	
● Outside of Bucket	6470 mm.
● Outside of Rear Wheel	6000 mm.
<b>Z-Bar Advantage</b>	Z - bar design provides higher break out force and better working efficiency, ensuring faster working with minimum spillage
<b>Hydraulic System</b>	Tandem Gear pump with system pressure of 16Mpa and flow of 189 lpm.
<b>Electrical System</b>	24V Battery with negative earth and directive current.

### MARKETING H.Q.

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# ACE

**Action Construction Equipment Ltd.**

Contact:

**CVI**  
CERTIFIED  
MANAGEMENT SYSTEM  
**ISO 9001**

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

# ALN 300

## Wheeled Loader

**Capacity : 1.7 cu.m.**  
**Engine Power : 123 hp.**

Articulated & Rugged loading machine.

**ACE** **INDIA'S NO. 1**  
MOBILE & TOWER CRANE CO.



*Nothing beats an* **ACE**

www.ace-cranes.com  
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