

# ACE

## ALN500

### **Wheeled Loader**

**Capacity : 3 cu.m.**

**Engine Power : 215 bhp.**

Articulated & Rugged  
loading machine.



## Specifications

## ALN 500

<b>Engine</b>	Cummins 6CTAA-C215 developing 215 hp (160 kW) @ 2200 rpm, Direct Injection, Turbo charge Diesel engine			
<b>Max. Torque</b>	980 Nm @ 1500 rpm			
<b>Transmission</b>	Mechanical power shift constant mesh transmission with 4 forward and 4 reverse speeds			
<b>Forward Speeds</b>	I	II	III	IV
<b>Reverse Speeds</b>	8.9	16.5	25.5	44.5
<b>Axle</b>	Front fixed, rear floating, heavy duty axle with spiral bevel gear.			
<b>Max. Torque</b>	Oscillation angle of rear axle is $\pm 11^\circ$ .			
<b>Steering</b>	Highly effective, center articulated frame steering with co-axis flow for immediate response and system pressure of 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>	Air cutting control inner expand hoof			
<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 :	297 ltrs.
● Engine Oil :	27.6 ltrs.
● Hydraulic Oil :	297 ltrs.
● Transmission Oil :	45 ltrs.
● Axle :	
Final drive (each):	7.5 ltrs.
Front/Rear Axle:	14 ltrs.
<b>Bucket Capacity</b>	3m <sup>3</sup> general purpose bucket with a width of 3010 mm.
<b>Bucket Options</b>	Coal bucket, Rock bucket
<b>Operating weight</b>	16,000 kg.
<b>Tyres</b>	23.5-25-20PR
<b>Turning Radius</b>	
● Outside of Bucket	7268 mm.
● Outside of Rear Wheel	7026 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>	Gear type pump with a system pressure 16Mpa.
<b>Electrical System</b>	24V Battery with negative earth and directive current.

### MARKETING H.Q.

4th Floor, Pinnacle, Surajkund, NCR-121009  
Ph. : +91-129-4550000 , Fax : +91-129-4550022  
E-mail: forklifts@ace-cranes.com

### REGISTERED OFFICE

Dudhola Link Road, Dudhola, Palwal-121102, Haryana  
Ph.: +91-1275-280111 , Fax: +91-1275-280133  
CIN : L74899HR1995PLC053860

### MUMBAI OFFICE

31, "Kalpataru Court", Chembur, Mumbai - 400074  
Ph.: +91-22-25206846, 25207070, Telefax: 25207071  
E-mail: acemumbai@ace-cranes.com

### KOLKATA OFFICE

"Forma Towers" 84-A, Second Floor, AJC Bose Road, Kolkata - 700014. Ph.: +91-9038070630  
E-mail: acekolkata@ace-cranes.com

### CHENNAI OFFICE

1st Floor, "Alsa Regency", 165, Eldams Road, Alwar Pet, Chennai - 600018, Ph.: +91-44-24314253, Telefax: 24314252  
E-mail: acechennai@ace-cranes.com

# ACE

100%  
Swadeshi

## 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.