

ACE

ALN 500

Wheeled Loader

Capacity : 3 cu.m.
Engine Power : 215 bhp.

Articulated & Rugged
loading machine.

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



*Nothing beats an **ACE***

Specifications

ALN 500

Engine	Cummins 6CTAA-C215 developing 215 hp (160 kW) @ 2200 rpm, Direct Injection, Turbo charge Diesel engine			
Max. Torque	980 Nm @ 1500 rpm			
Transmission	Mechanical power shift constant mesh transmission with 4 forward and 4 reverse speeds			
Forward Speeds	I	II	III	IV
Reverse Speeds	8.9	16.5	25.5	44.5
Axle	Front fixed, rear floating, heavy duty axle with spiral bevel gear.			
Max. Torque	Oscillation angle of rear axle is $\pm 11^\circ$.			
Steering	Highly effective, center articulated frame steering with co-axis flow for immediate response and system pressure of 10 Mpa.			
Articulation	$35^\circ \pm 1^\circ$			
Brakes				
Service Brake	Caliper Disc Brakes			
Emergency Brake	Air assisted oil disc on 4 wheels.			
Parking Brake	Air cutting control inner expand hoof			
Cabin	Wide View, comfortable and air-conditioned cabin. Easy access. Vibration absorbing cabin for comfortable operation with noise reduction & well laid out instrument panel.			

Refill Capacities

● 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.

Bucket Capacity

3m³ general purpose bucket with a width of 3010 mm.

Bucket Options

Coal bucket, Rock bucket

Operating weight

16,000 kg.

Tyres

23.5-25-20PR

Turning Radius

● Outside of Bucket	7268 mm.
● Outside of Rear Wheel	7026 mm.

Z-Bar Advantage

Z - bar design provides higher break out force and better working efficiency, ensuring faster working with minimum spillage.

Hydraulic System

Gear type pump with a system pressure 16Mpa.

Electrical System

24V Battery with negative earth and directive current.

MARKETING H.Q.

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Action Construction Equipment Ltd.

Contact:



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.