

ACE

ALN 500

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

Wheeled Loader

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

Articulated & Rugged
loading machine.



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 8.9 16.5 25.5 44.5
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	3m ³ 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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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.