



ACE

AX124

ECO MASTER

Backhoe Loader

Capacity : 1.1 cu.m./0.24 cu.m.

ACE INDIA'S NO. 1
CRANE BRAND

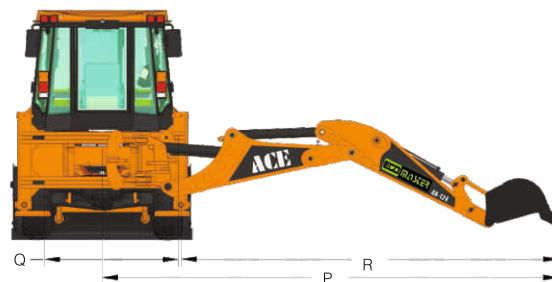
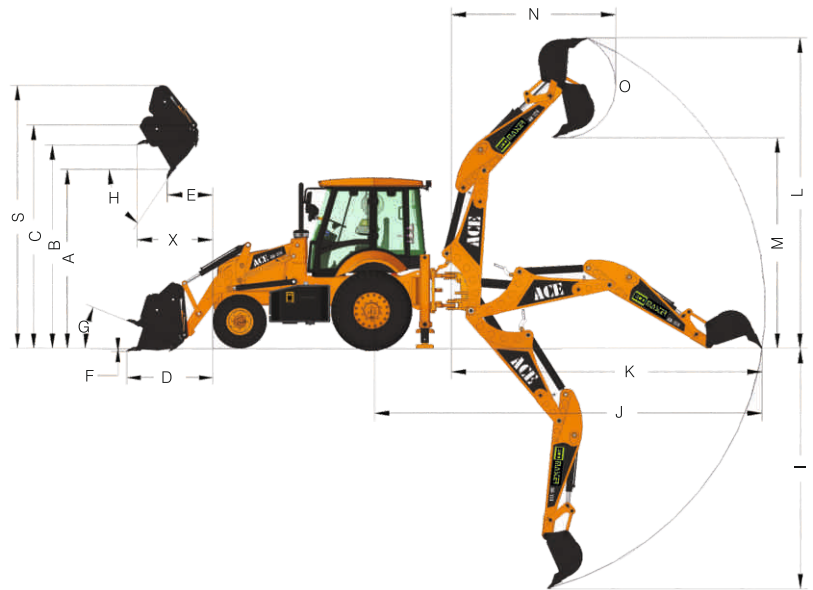
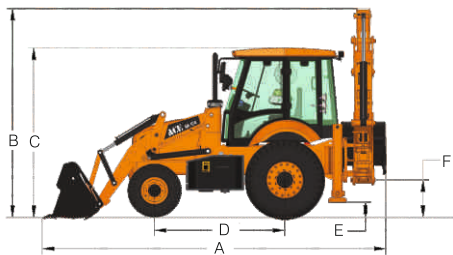


Specifications



Engine	ACE-A50HT-BSIII, 4 Cylinder, NA, Water Cooled Diesel Engine delivering 49.5 HP@2200 RPM
Max Torque	245 Nm @ 1200 rpm
Transmission	Specially designed Carraro Transmission with Optimized Torque Converter ratio. Max speed 28 kmph
Axle	Front : Steer Axle, centrally pivoted Rear : Rigid axle with CARRARO planetary drive, 28.32 model for high performance.
Steering	Hydrostatic steering for reliability and better control.
Brakes	Hydraulically actuated wet disc brakes at rear wheels with twin pedals in cabin for better control. Mechanically actuated disc brakes for parking.
Cabin	ROPS fully enclosed wide view cabin with easy entry and exit from the cabin.
Hydraulic System	Variable displacement pump Main Pump flow : 99 lpm Relief Pressure : 210 bar
Electrical System	12V Battery with negative earth and suitable alternator.

Operating weight	7910 kgs.
Turning Radius	
• Without Brake	4.4 metres
• With Brake	3.5 metres
Refill Capacities	
• Hydraulic Tank:	80 ltrs.
• Fuel Tank:	150 ltrs.
• Engine Oil:	12 ltrs.
• Transmission & Torque Converter:	17 ltrs.
• Rear Axle (Planetary gear box):	3 ltrs.
• Differential Housing:	14.5 ltrs
Tyres	
• Front 2WD :	9.00 - 16 – 16 PR
• Rear - Standard	16.90 - 28 – 12 PR
Optional Equipment	<ul style="list-style-type: none"> • 6-in-1 loader bucket • Rock Breaker • Excavator bucket : 0.09 cu.m./ 0.12 cu.m. & 0.30 cu.m. • Heavy Duty Tyres (14.00 x 25) • Telematics



Static Dimensions

A. OVERALL LENGTH	6.2 M
B. OVERALL HEIGHT	3.6 M
C. HEIGHT TO TOP OF CAB	2.9 M
D. WHEEL BASE	2.18 M
E. MIN GROUND CLEARANCE	0.35 M
F. SLEW GROUND CLEARANCE	0.66 M
WIDTH (OVER BUCKET)	2.50 M
TRACK WIDTH FRONT	1.84 M
TRACK WIDTH REAR	1.55 M

Loader Performance

A. DUMP HEIGHT AT 40°	2.76 M
B. LOADOVER HEIGHT	3.34 M
C. BUCKET PIN HEIGHT	3.63 M
D. REACH AT GROUND	1.77 M
E. REACH AT FULL HEIGHT BUCKET DUMPED (40°)	0.89 M
F. BELOW GROUND LEVEL DIG DEPTH	0.08 M
X. MAX. REACH AT FULL HEIGHT	1.22 M
G. ROLLBACK AT GROUND	44°
H. DUMP ANGLE	45°
LOADER BREAKOUT FORCE ARM	4950 kgf
PAY LOAD	1800 kg
LOADER BUCKET CAPACITY (STD)	1.1 cu.m

Excavator Performance

I. MAX. DIG DEPTH	4.25 M
J. REACH GROUND LEVEL TO REAR WHEEL CENTER	6.73 M
K. REACH GROUND LEVEL TO SLEW CENTER	5.50 M
L. MAX. WORKING HEIGHT	5.47 M
M. MAX. LOADOVER HEIGHT	3.79 M
N. REACH AT FULL HEIGHT TO SLEW CENTER	2.78 M
O. BUCKET ROTATION POWER	175°
P. SIDE REACH TO CENTER LINE OF MACHINE	5.59 M
Q. KING POST TRAVEL	0.9 M
R. REACH GROUND LEVEL TO STABILISER START POINT	4.45 M
S. FULL OPERATING HEIGHT	4.13 M
DIPPER TEAROUT FORCE	3010 kgf
EXCAVATOR BUCKET CAPACITY (STD)	0.24 cum

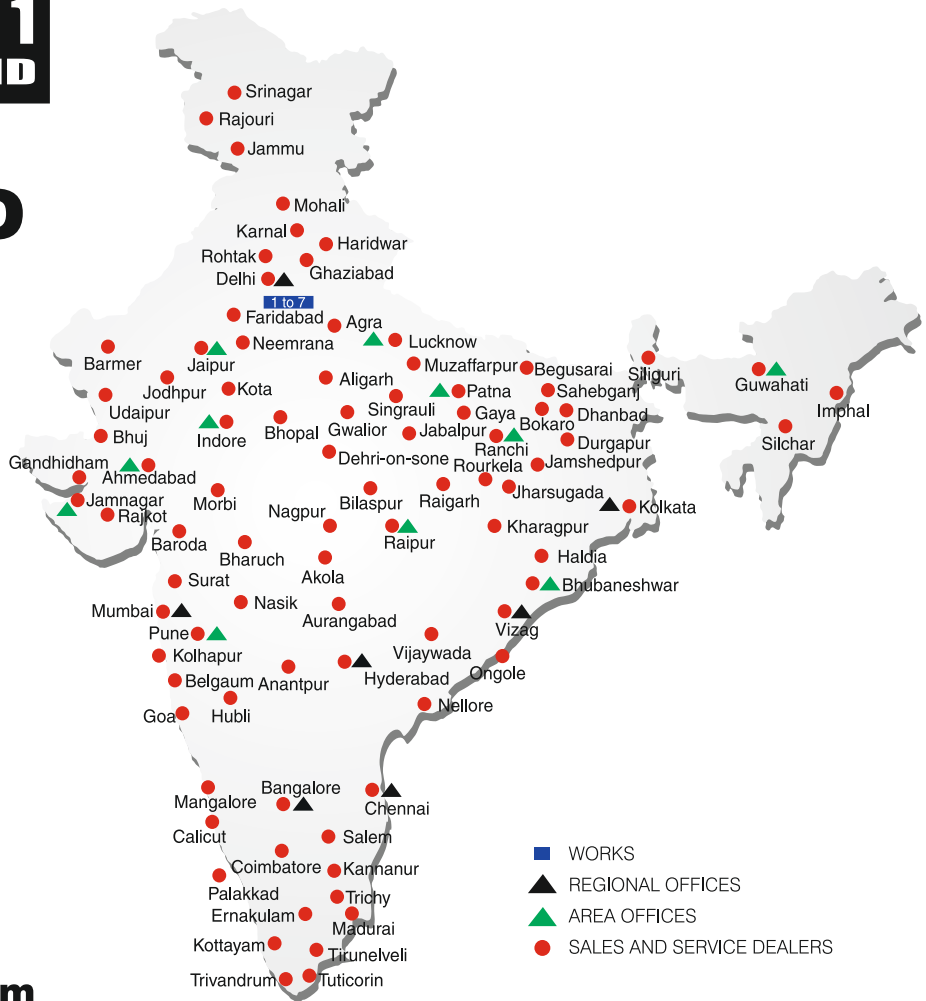
BUILT TO PERFORM



ACE INDIA'S NO. 1
CRANE BRAND

**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



**Toll Free Help Line
1800 1800 004**

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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 ± 5%. Accessories if shown are not part of the Standard Equipment.