

# ACE AX124

## Backhoe Loader

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

Engine : Kirloskar 4R1190NA1, 74 HP

Mahindra MCVNC35TI095CE4, 95 HP

**Rugged  
Power**

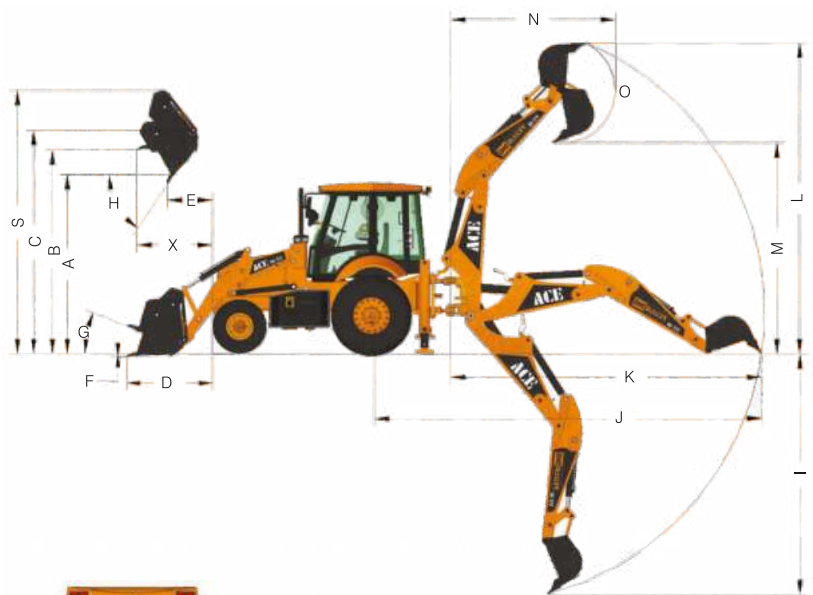
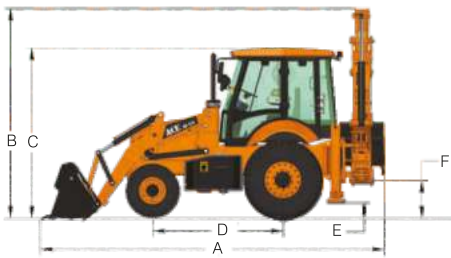
**ACE** INDIA'S NO. 1  
CRANE BRAND



## Specifications

## AX 124

<b>Engine</b>	Kirloskar 4R1190NA1 (BS-IV) 4 cylinder, inline water cooled Naturally Aspirated diesel engine delivering 74 HP @ 2200 rpm	<b>Turning Radius</b>	
<b>Max Torque</b>	300 Nm @ 1300 rpm	<ul style="list-style-type: none"> <li>Without Brake</li> </ul>	4.4 metres
<b>Transmission</b>	Synchro shuttle transmission with torque converter & synchronised gear box. Single switch forward- reverse function for better loading application with 4 forward & 4 reverse speeds. Max speed 40 kmph	<ul style="list-style-type: none"> <li>With Brake</li> </ul>	3.5 metres
<b>Axle</b>	Front : Drive (In case of 4 WD) & Steer Axle, centrally pivoted  Rear : Rigid axle with CARRARO planetary drive.	<b>Refill Capacities</b>	
<b>Steering</b>	Hydrostatic steering for reliability and better control.	<ul style="list-style-type: none"> <li>Hydraulic Tank:</li> </ul>	80 ltrs.
<b>Brakes</b>	Hydraulically actuated wet disc brakes at rear wheels with twin pedals in cabin for better control. Mechanically actuated disc brakes for parking.	<ul style="list-style-type: none"> <li>Fuel Tank:</li> </ul>	150 ltrs.
<b>Cabin</b>	ROPS fully enclosed wide view cabin with easy entry and exit from the cabin.	<ul style="list-style-type: none"> <li>Engine Oil:</li> </ul>	11.5 ltrs.
<b>Hydraulic System</b>	Main Pump flow : 118 lpm Relief Pressure : 210 bar	<ul style="list-style-type: none"> <li>Transmission &amp; Torque Converter:</li> </ul>	17 ltrs.
<b>Electrical System</b>	12V Battery with negative earth and suitable alternator.	<ul style="list-style-type: none"> <li>Rear Axle (Planetary gear box):</li> </ul>	3 ltrs.
<b>Operating weight</b>	8040 kgs. (2 WD) 8190 kgs. (4 WD)	<ul style="list-style-type: none"> <li>Differential Housing:</li> </ul>	14.5 ltrs
		<b>Tyres</b>	
		<ul style="list-style-type: none"> <li>Front 2WD :</li> </ul>	9.00 - 16 – 16 PR
		<ul style="list-style-type: none"> <li>4WD :</li> </ul>	12.5 / 80 – 18-12 PR
		<ul style="list-style-type: none"> <li>Rear - Standard</li> </ul>	16.90 - 28 – 12 PR
		<b>Optional Equipment</b>	
		<ul style="list-style-type: none"> <li>6-in-1 loader bucket</li> <li>Rock Breaker</li> <li>Excavator bucket : 0.09 cu.m./ 0.12 cu.m. &amp; 0.30 cu.m.</li> <li>Heavy Duty Tyres (14.00 x 25)</li> <li>A.C. Cabin</li> <li>Telematics</li> </ul>	
		<b>Variant Model</b>	
		<ul style="list-style-type: none"> <li>Mahindra MCVNC35TI074CE4 (2WD) (BS-IV), 4 cylinder, turbo charged, water cooled diesel engine delivering 74 HP @2200 rpm 345 Nm@1300-1500 rpm</li> <li>Mahindra MCVNC35TI095CE4 (4WD) (BS-IV), 4 cylinder, turbo charged, water cooled diesel engine delivering 95 HP @ 2200 rpm 401 Nm@1200 rpm</li> </ul>	



### 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	1900 kg
LOADER BUCKET CAPACITY (STD)	1.1 cu.m

### Excavator Performance

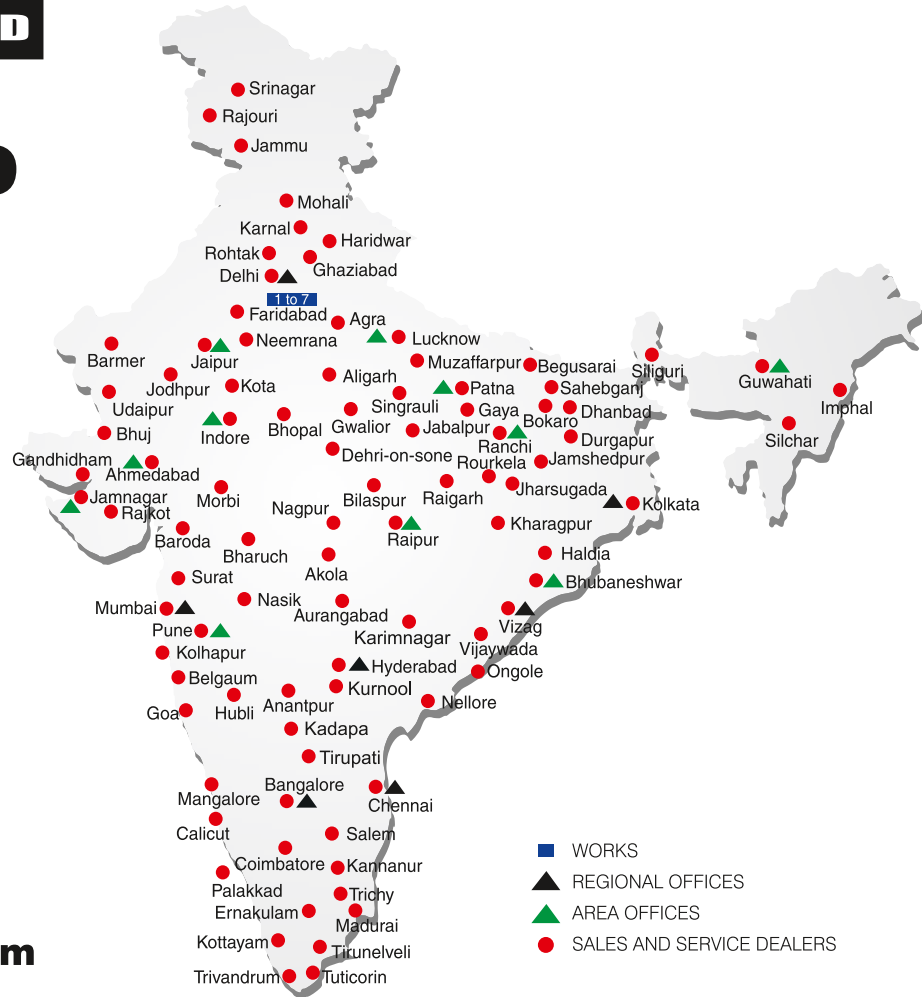
I. MAX. DIG DEPTH	4.25 M
J. REACH GROUND LEVEL TO REAR WHEEL CENTER	6.73 M
K. REACH GROUND LEVEL TO SLEW CENTER	5.50 M
L. MAX. WORKING HEIGHT	5.47 M
M. MAX. LOADOVER HEIGHT	3.79 M
N. REACH AT FULL HEIGHT TO SLEW CENTER	2.78 M
O. BUCKET ROTATION POWER	175°
P. SIDE REACH TO CENTER LINE OF MACHINE	5.59 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	4000 kgf
EXCAVATOR BUCKET CAPACITY (STD)	0.24 cum

# BUILT TO PERFORM



**RELIABLE AND  
DEPENDABLE  
EFFICIENCY**

## NETWORK



**Toll Free Help Line  
1800 1800 004**

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### MARKETING H.Q.

4th Floor, Pinnacle  
Surajkund, NCR-121009  
Ph. : +91-129-4550000  
Fax : +91-129-4550022  
E-mail: marketing@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  
Fax: +91-22-25207071  
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  
Fax: +91-44-24314252  
E-mail: acechennai@ace-cranes.com

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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.