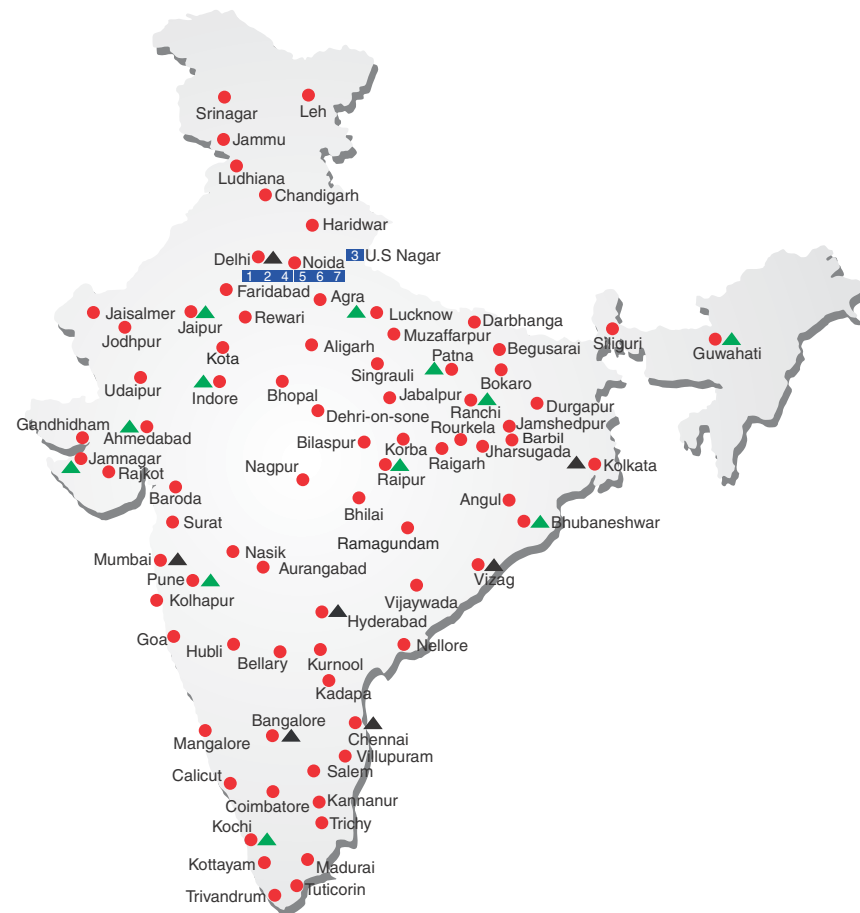


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ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ± 5%. Accessories if shown are not part of the Standard Equipment.



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AX124/06/2018

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Specifications

AX 124

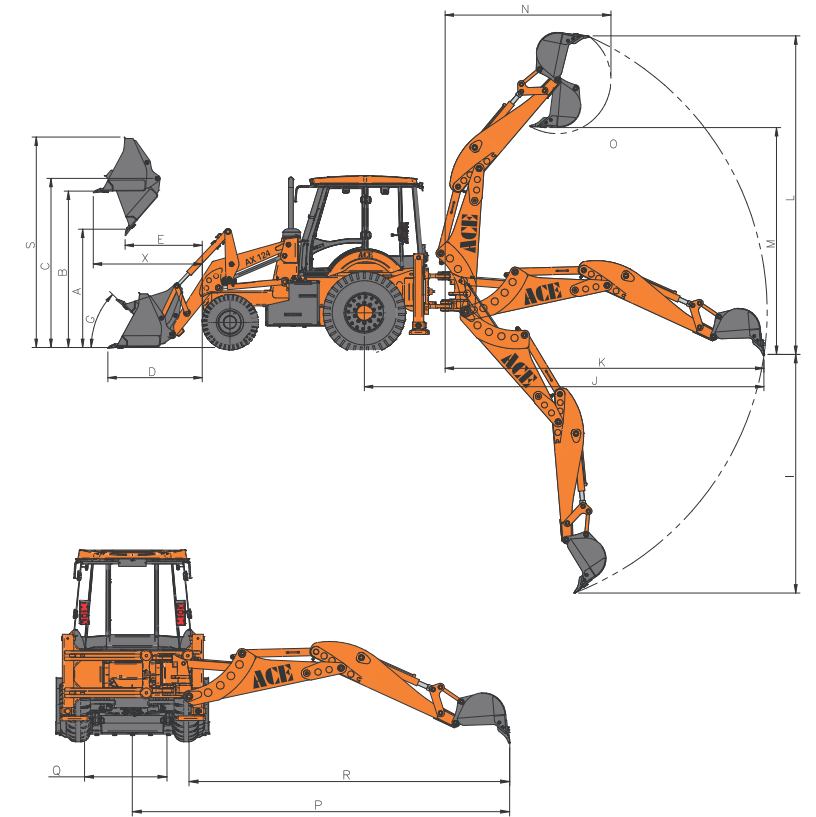
Engine	KIRLOSKAR 4R1040T (BS III) 4 cylinder, turbo charged, water cooled diesel engine delivering 76.0 HP @ 2200 rpm and developing high torque with low fuel consumption or suitable equivalent engine	Turning Radius	<ul style="list-style-type: none"> Without Brake: 4.6 metres With Brake: 3.0 metres
Max Torque	300 Nm @ 1500 rpm	Refill Capacities	<ul style="list-style-type: none"> Hydraulic Tank: 135 ltrs. Fuel Tank: 160 ltrs. Engine Oil: 11 ltrs. Transmission & Torque Converter: 17 ltrs. Rear Axle (Planetary gear box): 3 ltrs. Differential Housing: 14.5 ltrs
Transmission	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	Tyres	<ul style="list-style-type: none"> Front (2WD): 9.00 - 16 - 16 PR Front (4WD): 12.5 / 80 - 12 PR Rear - Standard: 16.90 - 28 - 12 PR
Axle	Front : Drive (In case of 4 WD) & Steer Axle, centrally pivoted Rear : Rigid axle with CARRARO planetary drive.	Optional Equipment	<ul style="list-style-type: none"> Fork Lift Attachment Excavator bucket: 0.06 cu.m./ 0.09 cu.m./0.12 cu.m./0.18 cu.m. & 0.30 cu.m. 6-in-1 loader bucket Ripper Tooth Heavy Duty Tyres (14.00 x 25) Fire extinguisher Jaw Buket Rock Breaker Cabin with Fops
Steering	Hydrostatic steering for reliability and better control.	Variant Model	4 Wheel Drive with Kirloskar 4R1040TA 4 cylinder, inline water cooled turbo charged engine delivering 96 HP @ 2200 rpm
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	Main Pump flow : 118 lpm Relief Pressure : 210 bar		
Electrical System	12V Battery with negative earth and suitable alternator.		
Operating weight	7500 kgs.		

Load Chart



Static Dimensions

A. OVERALL LENGTH	6.35 M
B. OVERALL HEIGHT	3.56 M
C. HEIGHT TO TOP OF CAB	2.83 M
D. WHEEL BASE	2.22 M
E. MIN GROUND CLEARANCE	0.30 M
F. SLEW GROUND CLEARANCE	0.58 M
WIDTH (OVER BUCKET)	2.38 M
TRACK WIDTH FRONT	1.84 M
TRACK WIDTH REAR	1.60 M



Loader Performance

A. DUMP HEIGHT AT 45°	2.60 M
B. LOADOVER HEIGHT	3.30 M
C. BUCKET PIN HEIGHT	3.40 M
D. REACH AT GROUND	1.57 M
E. REACH AT FULL HEIGHT BUCKET DUMPED (40°)	0.95 M
F. BELOW GROUND LEVEL DIG DEPTH	0.08 M
X. MAX. REACH AT FULL HEIGHT	1.4 M
G. ROLLBACK AT GROUND	45°
H. DUMP ANGLE	45°
LOADER BREAKOUT FORCE BUCKET	6110 kgf
LOADER BREAKOUT FORCE ARM	4500 kgf
PAY LOAD	1850 kg
LOADER BUCKET CAPACITY (STD)	1.1 cu.m

Excavator Performance

I. MAX. DIG DEPTH	4.7 M
J. REACH GROUND LEVEL TO REAR WHEEL CENTER	6.73 M
K. REACH GROUND LEVEL TO SLEW CENTER	5.5 M
L. MAX. WORKING HEIGHT	5.29 M
M. MAX. LOADOVER HEIGHT	3.62 M
N. REACH AT FULL HEIGHT TO SLEW CENTER	2.81 M
O. BUCKET ROTATION POWER	185°
P. SIDE REACH TO CENTER LINE OF MACHINE	5.71 M
Q. KING POST TRAVEL	1.02 M
R. REACH GROUND LEVEL TO STABILISER START POINT	4.70 M
S. FULL OPERATING HEIGHT	4.12 M
BUCKET TEAROUT FORCE	4616 kgf
DIPPER TEAROUT FORCE	3000 kgf
EXCAVATOR BUCKET CAPACITY (STD)	0.24 cum