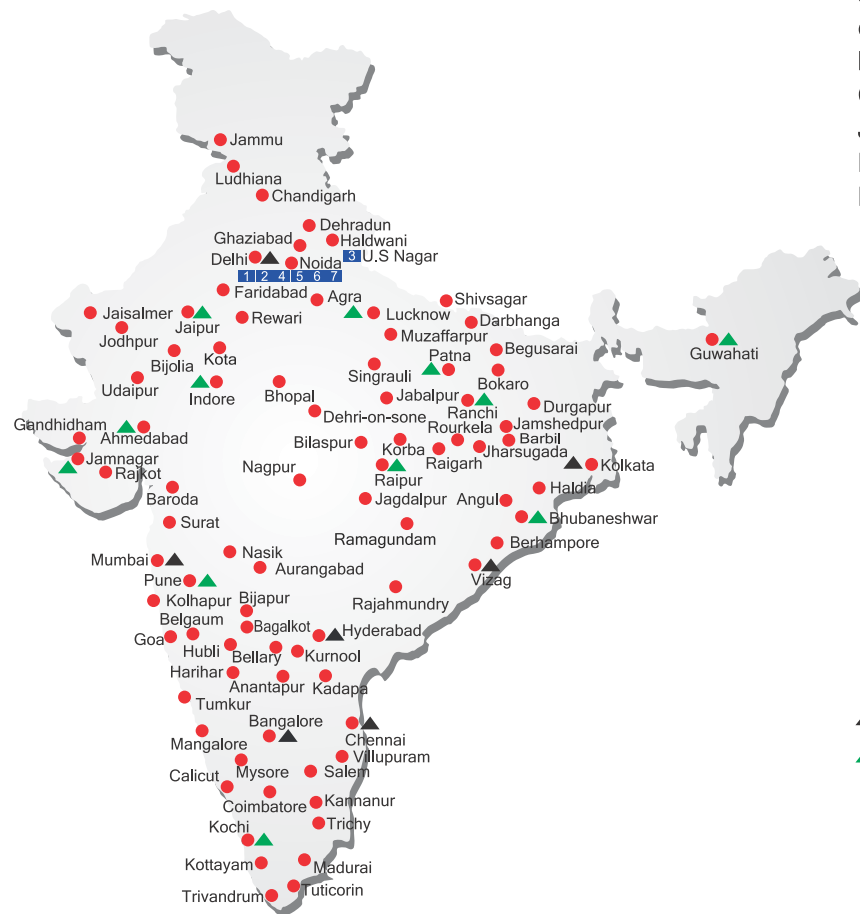


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# ACE

# AX 130

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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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AX130/10/2016





## Specifications

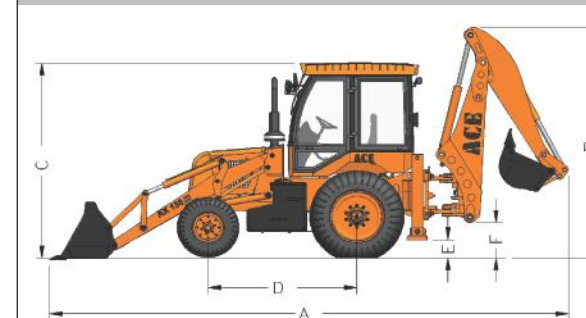
## AX 130

<b>Engine</b>	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	<b>Bucket Capacity</b>	<ul style="list-style-type: none"><li>Loader Bucket 1.00 cu.m.</li><li>Excavator Bucket 0.24 cu.m.</li></ul>
<b>Max Torque</b>	300 Nm @ 1500 rpm	<b>Refill Capacities</b>	<ul style="list-style-type: none"><li>Hydraulic Tank: 135 ltrs.</li><li>Fuel Tank: 160 ltrs.</li><li>Engine Oil: 11 ltrs.</li><li>Transmission &amp; Torque Converter: 17 ltrs.</li><li>Rear Axle (Planetary gear box): 3 ltrs.</li><li>Differential Housing: 14.5 ltrs</li></ul>
<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.	<b>Tyres</b>	<ul style="list-style-type: none"><li>Front (2WD) 9.00 - 16 – 16 PR</li><li>(4WD) 12.5 / 80 – 18 PR</li><li>Rear - Standard 16.90 - 28 – 12 PR</li></ul>
<b>Axle</b>	Front : Drive (In case of 4 WD) & Steer Axle, centrally pivoted  Rear : Rigid axle with CARRARO planetary drive.	<b>Optional Equipment</b>	<ul style="list-style-type: none"><li>Fork Lift Attachment</li><li>Excavator bucket:0.06 cu.m./ 0.09 cu.m./0.12 cu.m./0.18 cu.m. &amp; 0.30 cu.m.</li><li>6-in-1 loader bucket</li><li>Ripper Tooth</li><li>Heavy Duty Tyres (14.00 x 25)</li><li>Fire extinguisher</li><li>Jaw Buket</li><li>Rock Breaker</li><li>Cabin with Fops</li></ul>
<b>Steering</b>	Hydrostatic steering for reliability and better control.	<b>Variant Model</b>	4 Wheel Drive with Kirloskar 4R1040TA 4 cylinder, inline water cooled turbo charged engine delivering 96 HP @ 2200 rpm
<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.		
<b>Cabin</b>	ROPS fully enclosed wide view cabin with easy entry and exit from the cabin.		
<b>Hydraulic System</b>	Main Pump flow : 102 lpm Relief Pressure : 210 bar		
<b>Electrical System</b>	12V Battery with negative earth and suitable alternator.		
<b>Operating weight</b>	7500 kgs.		

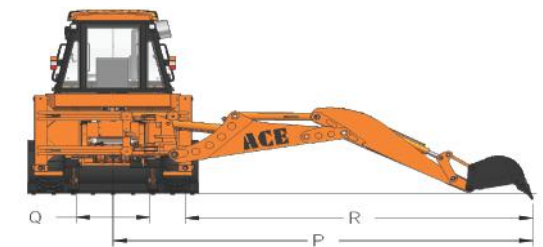
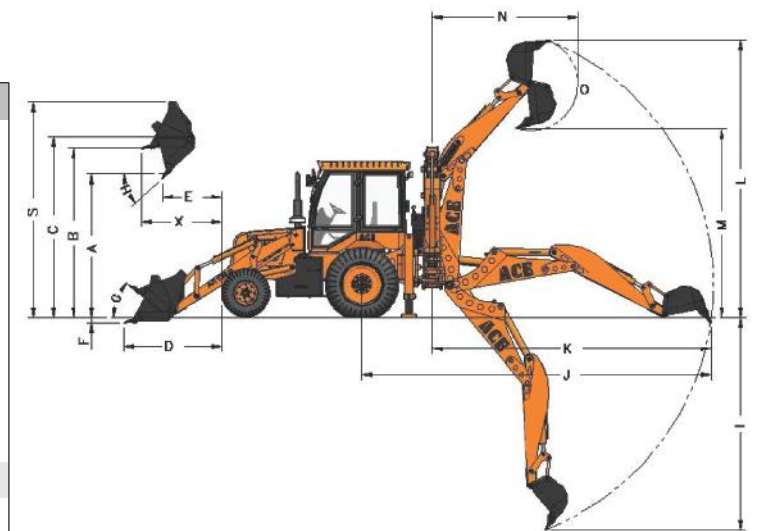
## Load Chart



### Static Dimensions



A. OVERALL LENGTH	7.80 M
B. OVERALL HEIGHT	3.56 M
C. HEIGHT TO TOP OF CAB	2.90 M
D. WHEELBASE	2.22 M
E. MIN. GROUND CLEARANCE	0.26 M
F. SLEW GROUND CLERANCE	0.53 M
WIDTH (OVER BUCKET)	2.38 M
TRACK WIDTH FRONT	1.84 M
TRACK WIDTH REAR	1.72 M



### Loader Performance

A. DUMP HEIGHT	2.78 M
B. LOADOVER HEIGHT	3.25 M
C. BUCKET PIN HEIGHT	3.46 M
D. REACH AT GROUND	1.95 M
E. REACH AS FULL HEIGHT BUCKET DUMPED	1.15 M
F. BELOW GROUND LEVEL DIG DEPTH	0.08 M
X. MAX. REACH AT FULL HEIGHT	1.53 M
G. ROLLBACK AT GROUND	40°
H. DUMP ANGLE	42°
HYDRAULIC LIFT CAPACITY TO FULL HEIGHT	4450 kgs
PAY LOAD	1850 kg
LOADER BREAKOUT FORCE BUCKET	6100 kgf
LOADER BREAKOUT FORCE ARM	3350 kgf

### 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	5700 kgf
DIPPER TEAROUT FORCE	3200 kgf
LIFT CAPACITY TO BUCKET PIVOT AT FULL REACH	1490 kg