



# ACE Phantom

## Backhoe Loader

Capacity : 1.1 cu.m. (Loader)/0.24 cu.m. (Excavator)

Engine : Kirloskar 4R1040, 76 HP / 96 HP



**Rugged Machine  
for Tough Terrains**



## Specifications

## PhanTom

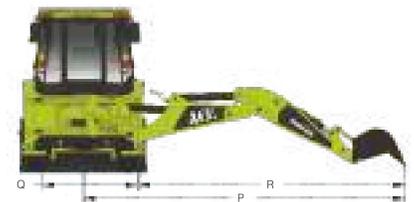
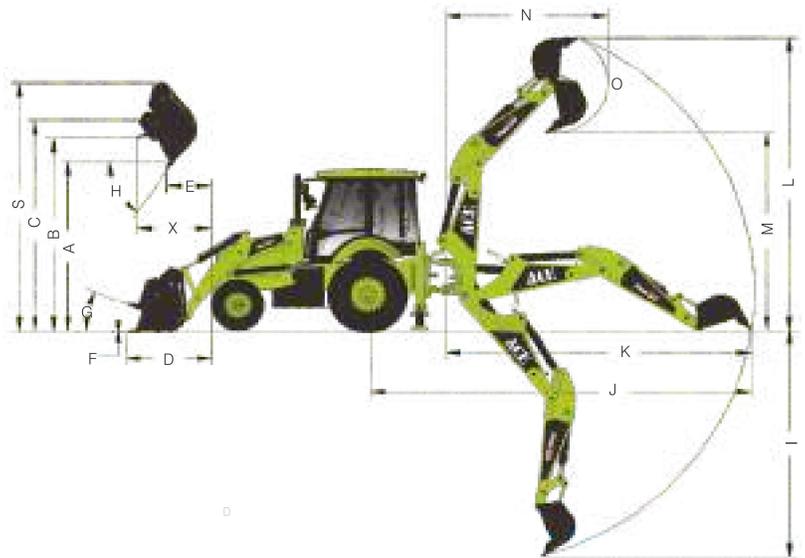
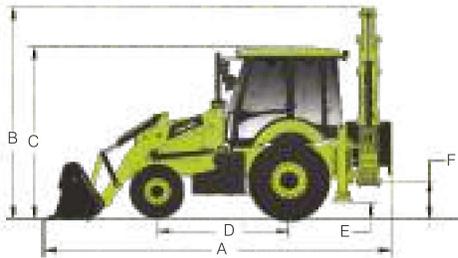
<b>Engine</b>	Kirloskar 4R1040TC 4 cylinder, inline water cooled turbo charged engine delivering 76 HP @ 2200 rpm	<b>Turning Radius</b>	<ul style="list-style-type: none"> <li>Without Brake 4.4 metres</li> <li>With Brake 3.5 metres</li> </ul>
<b>Max Torque</b>	300 Nm @ 1400 rpm	<b>Refill Capacities</b>	<ul style="list-style-type: none"> <li>Hydraulic Tank: 90 ltrs.</li> <li>Fuel Tank: 150 ltrs.</li> <li>Engine Oil: 11.5 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. Max speed 40 kmph	<b>Tyres</b>	<ul style="list-style-type: none"> <li>Front 2WD : 9.00 - 16 – 16 PR</li> <li>4WD : 12.5 / 80 – 18-12 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>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>Steering</b>	Hydrostatic steering for reliability and better control.	<b>Variant Model</b>	4WD (4x4), KIRLOSKAR 4R1040TA (BS III) 4 cylinder, turbo charged, water cooled diesel 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 : 118 lpm Relief Pressure : 210 bar		
<b>Electrical System</b>	12V Battery with negative earth and suitable alternator.		



## Dimensions



# Phantom



### 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
MAX. LOAD	1200 kg

### 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
DIGGER TREADOUT FORCE	1200 kgf

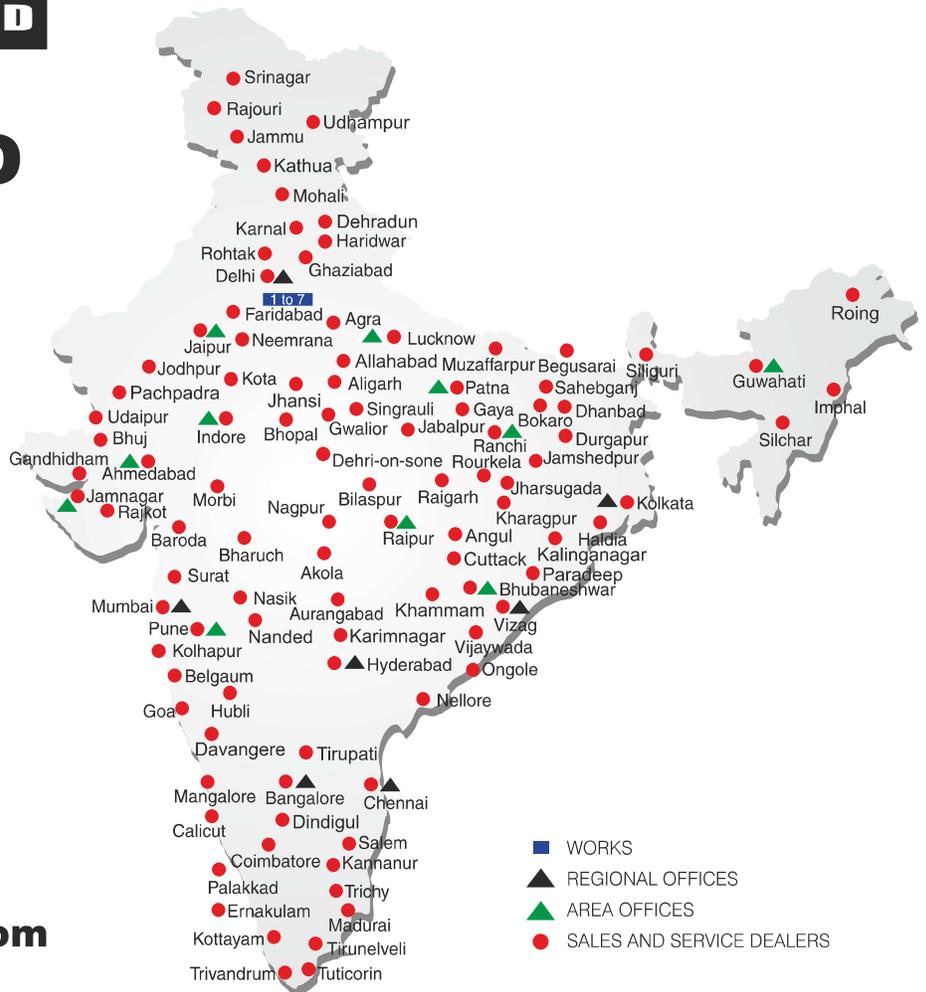
# BUILT TO PERFORM



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

**RELIABLE AND  
DEPENDABLE  
EFFICIENCY**

## NETWORK



**Toll Free Help Line  
1800 1800 004**

[www.ace-cranes.com](http://www.ace-cranes.com)

### 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

## HERE TO SERVE YOU.

### SPARE PARTS & SERVICE

ACE has all India Sales and Service network operating out of all the major cities. These outlets are fully equipped to provide genuine spare parts and services by company trained engineers. These outlets are further supported by company officials based at Delhi, Mumbai, Chennai, Kolkata, Ahmedabad, Surat, Pune, Jaipur, Chandigarh, Ranchi, Raipur, Indore, Bhubaneswar, Lucknow, Jamnagar,



**Action Construction Equipment Ltd.**

Contact:

