

4x4

ACE Phantom

Backhoe Loader

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

Engine : Kirloskar 4R1040, 96 HP

ACE INDIA'S NO. 1
CRANE BRAND

**Rugged
Power**





Specifications

PhanTom 4x4

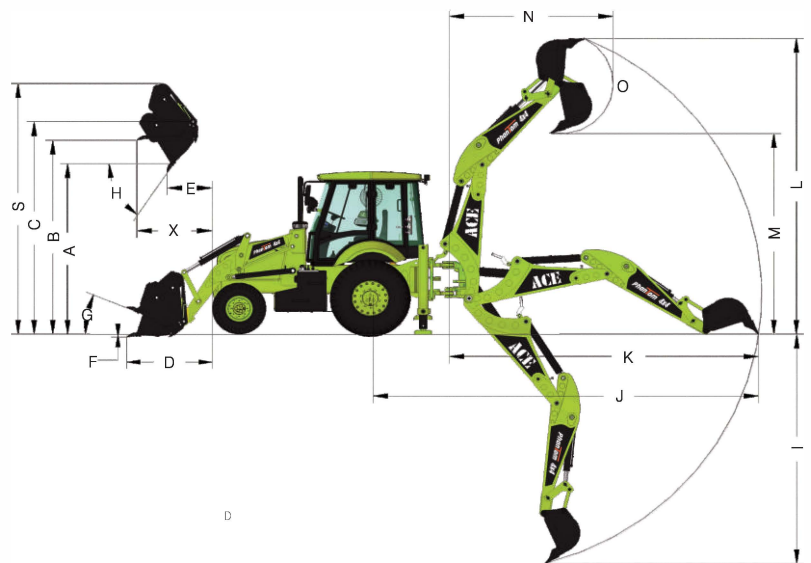
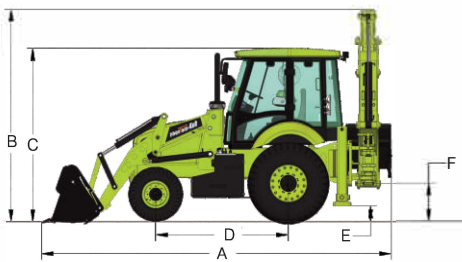
Engine	4WD (4x4), KIRLOSKAR 4R1040TA (BS III) 4 cylinder, turbo charged, water cooled diesel engine delivering 96 HP @ 2200 rpm	Turning Radius	<ul style="list-style-type: none"> Without Brake: 4.4 metres With Brake: 3.5 metres
Max Torque	400 Nm @ 1400 rpm	Refill Capacities	<ul style="list-style-type: none"> Hydraulic Tank: 90 ltrs. Fuel Tank: 150 ltrs. Engine Oil: 11.5 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 4WD : 12.5 / 80 – 18-12 PR Rear - Standard: 16.90 - 28 – 12 PR
Axle	<p>Front : Drive (In case of 4 WD) & Steer Axle, centrally pivoted</p> <p>Rear : Rigid axle with CARRARO planetary drive.</p>	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) A.C. Cabin Telematics
Steering	Hydrostatic steering for reliability and better control.	Variant Model	<p>Kirloskar 4R1040TC 4 cylinder, inline water cooled turbo charged engine delivering 76 HP @ 2200 rpm</p> <p>300 Nm @ 1400 rpm</p>
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 : 225 bar		
Electrical System	12V Battery with negative earth and suitable alternator.		
Operating weight	8040 kgs.		

Dimensions

PhanTom 4x4

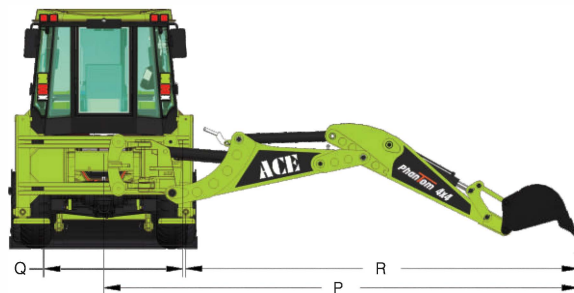


PhanTom 4x4



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°	2.96 M
B. LOADOVER HEIGHT	3.35 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 BUCKET	5200 kgf
PAY LOAD	1900 kg
LOADER BUCKET CAPACITY (STD)	1.1 cu.m

Excavator Performance

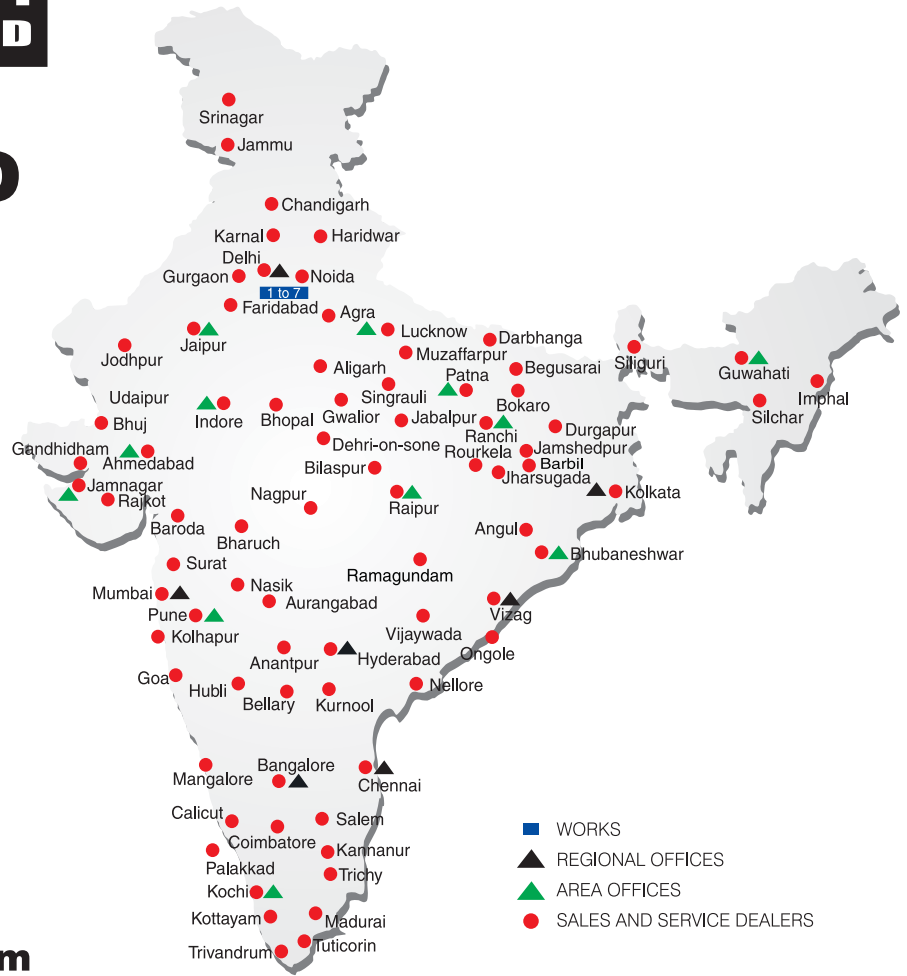
I. MAX. DIG DEPTH	4.60 M
J. REACH GROUND LEVEL TO REAR WHEEL CENTER	6.80 M
K. REACH GROUND LEVEL TO SLEW CENTER	5.50 M
L. MAX. WORKING HEIGHT	5.80 M
M. MAX. LOADOVER HEIGHT	3.35 M
N. REACH AT FULL HEIGHT TO SLEW CENTER	2.78 M
O. BUCKET ROTATION POWER	175°
P. SIDE REACH TO CENTER LINE OF MACHINE	5.59 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
BUCKET TEAROUT FORCE	5700 kgf
EXCAVATOR BUCKET CAPACITY (STD)	0.30 cum

BUILT TO PERFORM



**RELIABLE AND
DEPENDABLE
EFFICIENCY**

NETWORK



**Toll Free Help Line
1800 1800 004**

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, Kolkatta, Ahmedabad, Surat, Pune, Jaipur, Chandigarh, Ranchi, Raipur, Indore, Bhubneshwar, Lucknow, Jamnagar, Hyderabad, Bangalore, Guwahati, Patna, Vizag & Kochi.



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.