

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 N

Engine	4WD (4x4), KIRLOSKAR 4R1040TA (BS III) 4 cylinder, turbo charged, water cooled diesel engine delivering 96 HP @ 2200 rpm
Max Torque	400 Nm@1400 rpm
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
Axle	Front : Drive (In case of 4 WD) & Steer Axle, centrally pivoted Rear : Rigid axle with CARRARO planetary drive.
Steering	Hydrostatic steering for reliability and better control.
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.

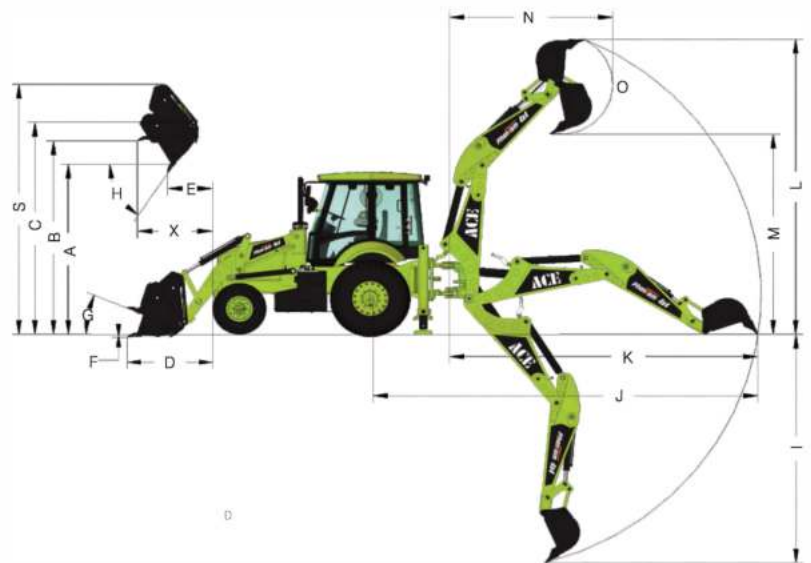
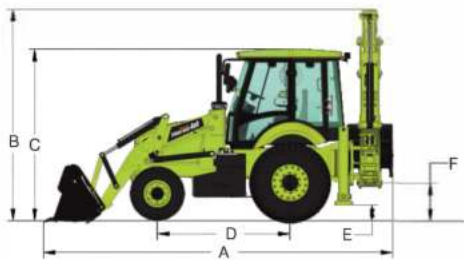
Turning Radius	<ul style="list-style-type: none"> • Without Brake 4.4 metres • With Brake 3.5 metres
Refill Capacities	<ul style="list-style-type: none"> • Hydraulic Tank: 90 ltrs. • Fuel Tank: 150 ltrs. • Engine Oil: 11.5 ltrs. • Transmission & Torque Converter: 17 ltrs. • Rear Axle (Planetary gear box): 3 ltrs. • Differential Housing: 14.5 ltrs
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
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
Variant Model	Kirloskar 4R1040TC 4 cylinder, inline water cooled turbo charged engine delivering 76 HP @ 2200 rpm 300 Nm @ 1400 rpm

Dimensions

PhanTom 4x4 N



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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