

ACE[®]

ACE PHANTOM TLB

SPEC SHEET



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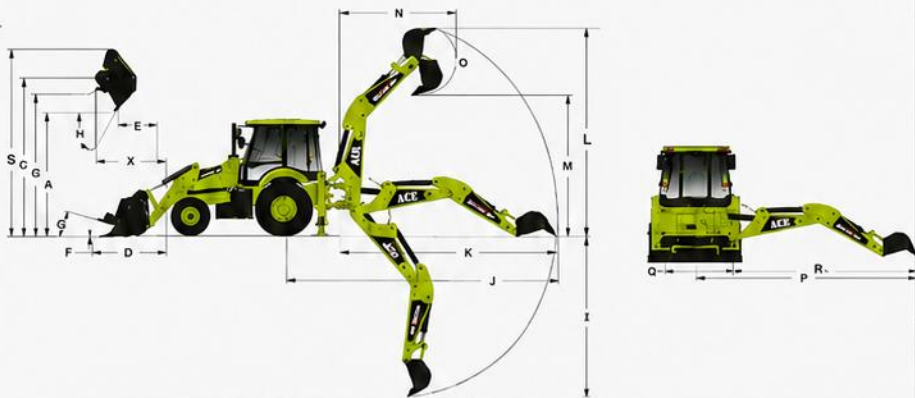
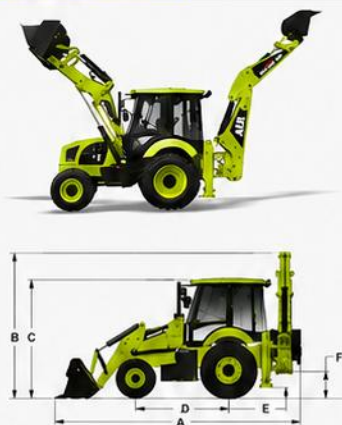
ACE PHANTOM 4x4

TECHNICAL SPECIFICATIONS

POWER. PRECISION. PERFORMANCE.
BUILT TO LIFT. BUILT TO LEAD.



DIMENSIONS



1 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

2 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
PAY LOAD	1900 kg
LOADER BUCKET CAPACITY (STD)	1.1 cu.m

3 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
DIPPER TEAROUT FORCE	4000 kgf
EXCAVATOR BUCKET CAPACITY (STD)	0.24 cum.

4 GENERAL SPECIFICATIONS

ENGINE	KIRLOSKAR 4R1040TA (BS III) 4 cylinder, turbo charged, water cooled diesel engine delivering 96 HP @ 2200 rpm	CABIN	ROPS fully enclosed wide view cabin with easy entry and exit from the cabin.	TYRES	<ul style="list-style-type: none"> • Front 4WD: 12.5 / 80 – 18-12 PR • Rear - Standard: 16.90 - 28 – 12 PR
MAX TORQUE	377 Nm @ 1400 rpm	HYDRAULIC SYSTEM	Main Pump flow: 118 lpm Relief Pressure: 210 bar	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
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	ELECTRICAL SYSTEM	12V Battery with negative earth and suitable alternator.	OPERATING WEIGHT	8040 kgs.
AXLE	Front: Drive (In case of 4 WD) & Steer Axle, centrally pivoted. Rear: Rigid axle with CARRARO planetary drive.	TURNING RADIUS	<ul style="list-style-type: none"> • Without Brake: 4.4 metres • With Brake: 3.5 metres 		
STEERING	Hydrostatic steering for reliability and better control.	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. 		
BRAKES	Hydraulically actuated wet disc brakes at rear wheels with twin pedals in cabin for better control. Mechanically actuated disc brakes for parking.				

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