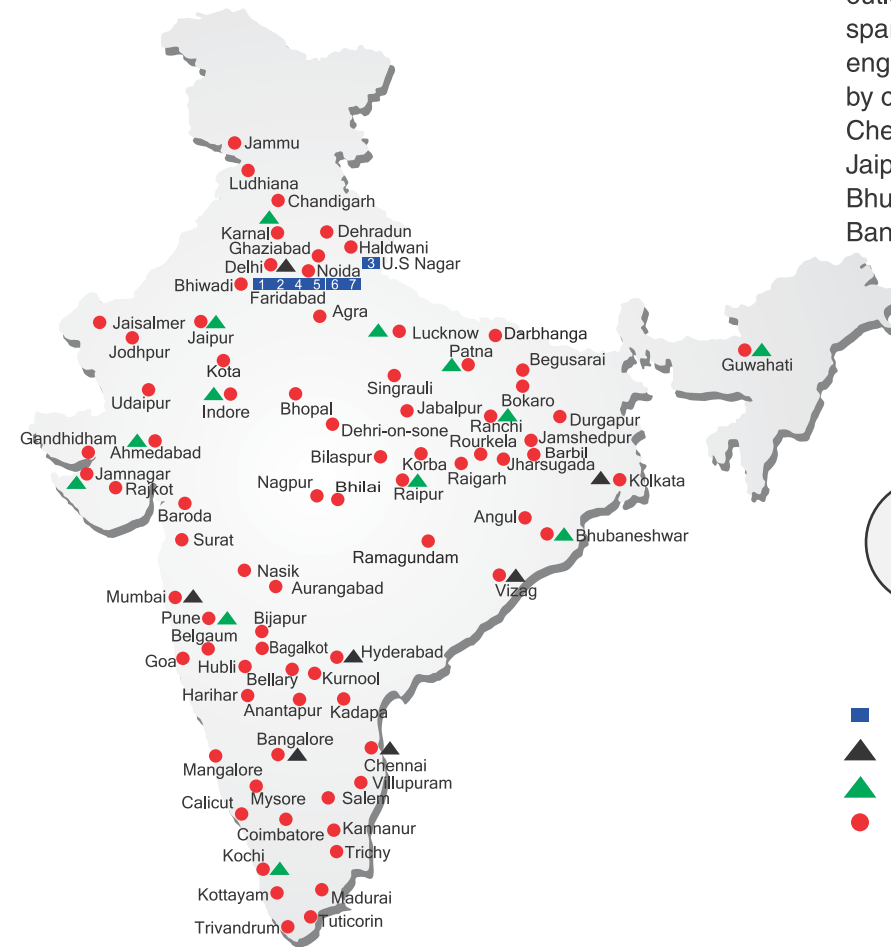


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ACE

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.



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ACE

FX230

Hydraulic Truck Crane
Capacity : 23 tonnes

Rough terrain and rugged articulated new generation pick n move crane.

ACE **INDIA'S NO. 1**
MOBILE & TOWER CRANE CO.

- Front outriggers
- Heavy duty truck drive line
- Front mounted ergonomically designed Cabin
- Improved kinematics with low Center of Gravity
- Slotted boom
- Self Adjusting hook block
- Fail safe air brakes

*Nothing beats an **ACE***





Specifications

FX230

LIFTING CAPACITY (Free on wheels)	23 Tonnes
ENGINE	Ashok Leyland, 4 cylinder, water cooled diesel engine or equivalent TATA engine
Rated Power	101 PS at 2200 RPM
STEERING	Full power orbitrol with twin hydraulic double acting cylinders and 40° articulation on either side.
Turning Radius	8.2 Meters (approx)
TRANSMISSION	Heavy duty, Synchromesh with 8 forward and 2 reverse speeds and hi-low drive selector for creep speed
Axles	Front axle is rigidly mounted on the chassis and rear drive axle is mounted with 2 nos. leaf springs
Clutch	Heavy duty hydraulic clutch
Top Speed	35 KMPH on even metaled road (without load)
Gradeability	40% (unladen)
HYDRAULIC SYSTEM	<ul style="list-style-type: none">● Gear/Intra Main Pump Vane type control in● Three spools valve with built Relief valve● Suction line has 100 mesh size Stainer while return line is fitted with 25 micron full flow filter.● Two double acting lift cylinders, two double acting steering cylinder and one double acting extension cylinder
BRAKES	<ul style="list-style-type: none">● Dual Circuit Brakes● Fully air actuated brakes on front and rear wheels● Parking brake is pneumatically operated, fail safe type.
ELECTRICAL SYSTEM	24 V Negative earth
TELESCOPIC BOOM	Three part slotted boom with hydraulically operated synchro-nized extensions (11.6 mtrs. height)
TYRES Front Rear	12.00 x 24 - 20 PR (4 Nos.) 14.00 x 25 - 20 PR (2 Nos.)
Wheel base Wheel track	5100 mm Front 1900 mm Rear 1770 mm

HOIST	Winch is driven by hydraulic motor and fitted with rope tensioner. Hoisting is provided through self adjusting hook block employing 6 falls of 13 mm dia rope
Hoist Speed	50 Mtrs./Min. (Line speed)
BOOM LUFFING Range	-3° to + 62°
SAFETY	<ul style="list-style-type: none">● Hose failure protection● Audio over hoisting indication● Safety brakes on hoist● Self adjusting hook block● Front and rear wheel guards
STANDARD EQUIPMENT	<ul style="list-style-type: none">● Front Outriggers● Front mounted fully enclosed wide view cabin● Rear View Camera● Front and rear work lights● Reflectors & Rear View Mirrors● Tool Kit● Cabin Fan● Wiper Motor● Gauges:<ul style="list-style-type: none">a) Water temperatureb) Engine oil pressurec) Fuel Gauged) RPM meter cum hour recordere) Air Pressure Gaugef) Speedometer
OPTIONAL EQUIPMENT	<ul style="list-style-type: none">● Fly Jib (1.25 Tonnes Max Capacity)● Spark arrester● Safe load indicator/LMI● Over Hoist hydraulic cutoff● Fire Extinguisher● Beacon rotating light● Drag winch● Front and side Proximity Sensors● Cabin Front Glass Protector● 4 part slotted boom, 2 parts hydraulically operated & synchronized and 4th part power extended (18.3 mtrs. height)● Helper/Slinger Seat

OPTIMIZED KINEMATICS AND LOW C.G.
FX 230 crane has been evolved/designed keeping in mind operational safety parameters with low Center of Gravity (C.G.) providing best in class stability.

OPERATING WEIGHT	
Front Axle	9725 Kgs.
Rear Axle	10200 Kgs.
Total Weight	19925 Kgs.



1 GROUND CLEARANCE
Ground clearance of 300mm for easier rough terrain operation.



2 STEERING WHEEL & CONTROLS
Steering wheel is provided as a standard feature, which along with ergonomically placed operator console and instrument cluster ensures ease of operation.



3 SLOTTED BOOM
Facilitates easier load positioning and fitted with self adjusting hook block.



4 EASY MAINTENANCE
The engine is easily accessible for daily maintenance checks including battery, air filter, oil level dipstick and cooling system.



5 INCREASED VISIBILITY
Bigger size front windscreen provided for better visibility and safe operation.



6 HYDRAULIC & FUEL TANK
Easy approach and adequate capacities



7 CABIN
Front mounted, ergonomically designed Cabin for better visibility and driveability.



8 ENGINE
Best in class Ashok Leyland/TATA 4 Cylinder engine having nationwide service support and spare parts availability.



9 OUT TRIGGERS
Front outriggers are provided as standard fitment for added safety during high lift operations.

