100% Swadeshi

ACE FX150

Nextgen Hydraulic Crane
Capacity : 15 tonnes

Rough terrain and rugged
articulated nextgen pick n move crane.

ACE INDIA'S NO. 1 CRANE BRAND

- Front mounted ergonomically designed Cabin
- Improved kinematics with low Center of Gravity
- Slotted boom
- Self Adjusting hook block
- Fail safe air brakes
- Better creep speed

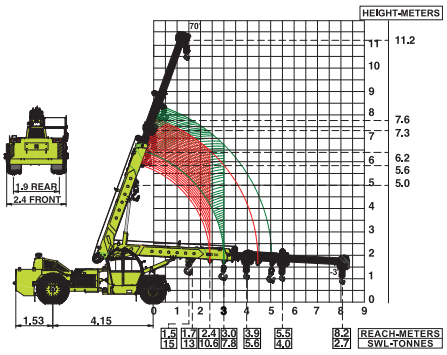
BEST IN CLASS STABILITY
Full rated lifting capacity available in articulated / steered condition

Specifications FX150

LIFTING CAPACITY (Free on wheels)	15 Tonnes
ENGINE	Tata 4 cylinder, water cooled diesel engine or equivalent engine
Rated Power	49 hp (36 Kw) at 2000 RPM
STEERING	Full power orbitrol with twin hydraulic double acting cylinders and 40° articulation on either side
Turning Radius	7 mtrs (approx)
TRANSMISSION	Heavy duty TATA synchromesh transmission with 8 forward and 2 reverse speeds and hi-low drive selector for creep speed Front axle is rigidly welded on the chassis and rear drive axle is mounted with leaf springs Heavy duty hydraulic clutch
Top Speed	32 KMPH on even metaled road (without load)
Gradeability	40% (unladen)
HYDRAULIC SYSTEM	• Gear/Intra Vane type Main Pump • Three spools control valve with built in Relief valve • Suction line has 100 mesh size strainer while return line is fitted with 25 micron filter • Two double acting lift cylinders, two double acting steering cylinders and one double acting extension cylinder
BRAKES	• Dual Circuit Brakes • Fully air actuated brakes on rear wheels and pneumatically assisted hydraulic brakes are provided on front wheels • Parking brake is pneumatically operated, fail safe type
ELECTRICAL SYSTEM	12V. Negative earth with 35 amp. Alternator & 75 amp. hr. battery
TELESCOPIC BOOM	Three part slotted boom with hydraulically operated synchronized extensions
TYRES	11.00 x 20 (4 Nos.) 14.00 x 25 (2 Nos.)

Wheel base Wheel track	4150 mm Front 1900 mm Rear 1800 mm
HOIST	Winch is driven by hydraulic motor and fitted with rope tensioner. Hoisting is provided through self adjusting hook block employing 4 falls of 13 mm dia rope
Hoist Speed	50 Mtrs./Min. (Line speed)
BOOM LUFFING Range	-3° to + 75°
SAFETY	• Hose failure protection • Audio over hoisting indication • Safety brakes on hoist • Self adjusting hook block • Front and rear wheel guards
STANDARD EQUIPMENT	• Front mounted fully enclosed wide view cabin • Rear View Camera • Front work lights • Beacon rotating light • Reflectors & Rear View Mirrors Took Kit • Cabin Fan • Instrument Cluster : a) Water temperature b) Engine oil pressure c) Fuel Gauge d) RPM meter cum hour recorder e) Air Pressure Gauge • Speedometer
OPTIONAL EQUIPMENT	• Fly jib : 2.7 Mtrs., 1.25 Tonnes Capacity • Spark arrestor • Safe load indicator/ LMI • Over Hoist hydraulic cutoff • Fire extinguisher • Front outriggers • Front and side Proximity Sensors • Cabin front glass protector • Helper/Slinger seat • 4 part slotted boom (16.3 m) • 4 part slotted boom (18.9 m) • Variant Model : Tata 74 bhp BSIV Engine
OPERATING WEIGHT	
Total Weight	15220 Kgs.

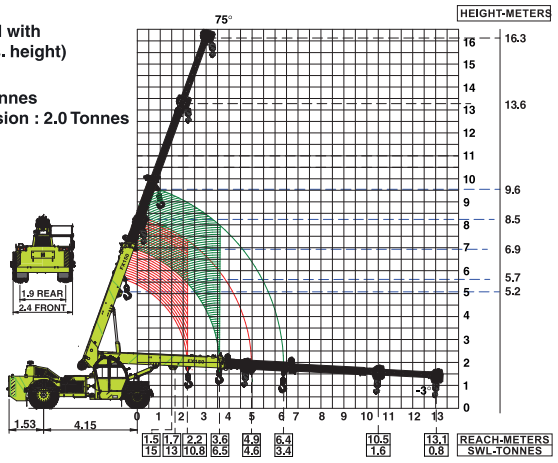
ACE FX150 Model Crane fitted with 3 part slotted boom (11.2 Mtrs. height)



Full rated lifting capacity available in articulated / steered condition.

ACE FX150 Model Crane fitted with 4 part slotted boom (16.3 Mtrs. height) (4th part power extended)

- **Max. capacity flyjib : 1.25 tonnes**
- **Max capacity manual extension : 2.0 Tonnes**



Full rated lifting capacity available in articulated / steered condition.

NOTE: • All above specifications are pertaining to FX150 model fitted with 11.2 Mtrs. boom.
• Rated loads are on the basis of operation on firm and level surface.

ACE

ACE advantages

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

OPTIMIZED KINEMATICS AND LOW C.G.
FX150 crane has been designed with low Center of Gravity (C.G.) providing best in class stability and operational safety

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

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

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

GROUND CLEARANCE
Ground clearance of 350mm for easier rough terrain operation.

HYDRAULIC & FUEL TANK
Easy approach and High capacity.

STEERING WHEEL & CONTROLS
Ergonomically placed operator console and instrument cluster ensures ease of operation.

ENGINE
Best in class Tata-4 Cylinder engine having nationwide service support and spare parts availability.

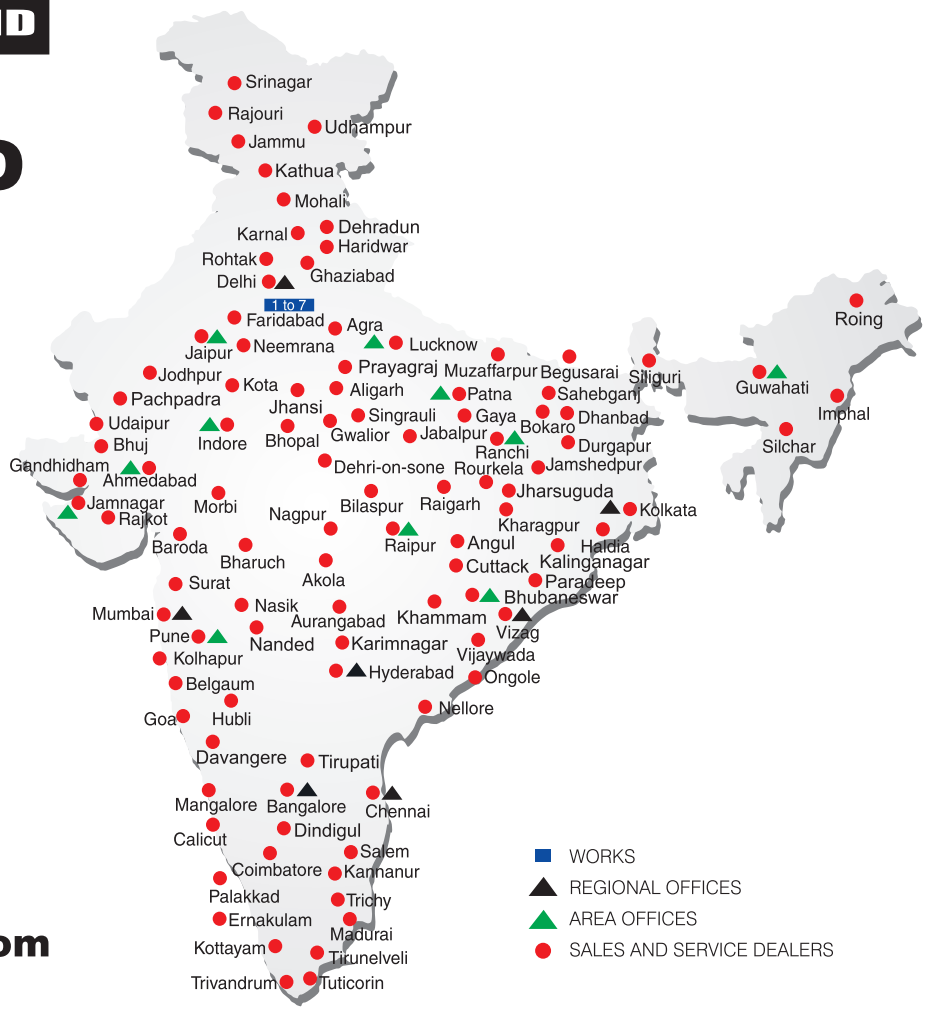
FRONT OUTRIGGERS
Optional Front Outriggers for added safety during high lift operations.

BUILT TO PERFORM

ACE INDIA'S NO.1 CRANE BRAND

RELIABLE AND DEPENDABLE EFFICIENCY

NETWORK



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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, Hyderabad, Bangalore,Guwahati, Patna, Vizag & Kochi.

ACE
Action Construction Equipment Ltd.

Contact:

CVI CERTIFIED MANAGEMENT SYSTEM ISO 9001

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.

FX150/09/24