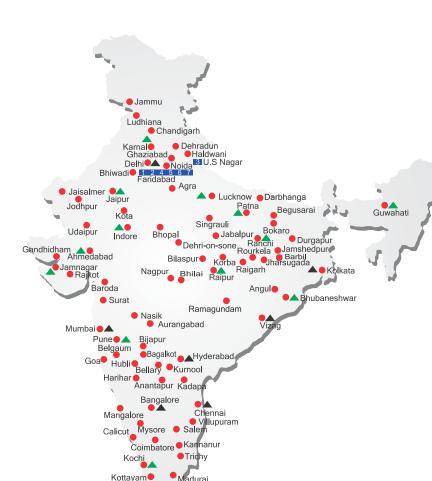
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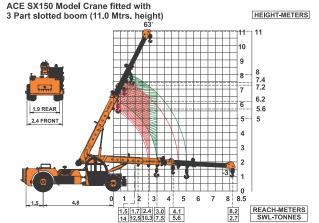




Specifications SX150

LIFTING CAPACITY (Free on wheels)	14 Tonnes	HOIST	Wir fitte pro em
ENGINE	KOEL/ACE Water Cooled Diesel Engine	Hoist Speed	50
Rated Power	49.5 BHP at 2200 RPM	FLUID CAPACITIES Engine Fuel Tank	8.00 120
TRANSMISSION	Heavy Duty, sliding mesh with 6 forward and 2 reverse speeds with high low range selector.	Hydraulic Tank Transmission	100 57.0
Clutch	Heavy Duty, dry friction cera-metallic clutch plate with diaphragm type pressure plate.	TYRES Front Rear	11.0 13.0
Top Speed	29 KMPH Without load	SAFETY	•
HYDRAULIC SYSTEM	 Gear / Intra Vane type Main Pump. Three spools control valve with 		0
	 built in Relief valve. Suction line has 100 mesh size Strainer while return line is fitted with 25 micron full flow filter. Two double acting lift cylinders, two double acting steering cylinders and one double acting extension cylinder. 	STANDARD EQUIPMENT	0 0 0 0 0 0
ELECTRICAL SYSTEM	12V, Negative earth with 35 Amp. Alternator and 75 Amp. Battery		
STEERING	Power steering through orbitrol with twin hydraulic double acting cylinders having 45° articulation on either side.	OPTIONAL EQUIPMENT	• F
BRAKES Service	Fully air operated S Cam dual brakes on front wheels and air operated disc brakes on rear wheels. Brakes are actuated through a single pedal.		• F • E • F • C • H • 4
Parking	 Air operated spring actuated fail safe type. 		þ
TELESCOPIC BOOM	Three part slotted boom with hydraulically operated synchronized extensions (11.0 mtrs height).	OPERATING WEIGHT ACE SX150 Model Crane 3 Part slotted boom (11.0)	
Telescoping Timing	In : 6~9 Seconds Out: 13~16 Seconds		
BOOM LUFFING Range Time	-3° TO + 63° Lowering : 10~13 Seconds Raising : 21~24 Seconds	1.9 REAR 2.4 FRONT	

inch is driven by hydraulic motor and ted with rope tensioner. Hoisting is ovided through self adjusting hook block mploying 4 falls of 13 mm dia rope Mtrs./Min. (Line Speed) 00 Ltrs. 20.00 Ltrs 00.00 Ltrs. 7.00 Ltrs. 1.00 x 20 – 16 PR (4Nos.) 3.00 x 24 – 12 PR (2 Nos.) Hose failure protection. Audio over hoisting indication Safety brakes on hoist. Self-adjusting hook block. Front and rear wheel guard(s) ROPS fully enclosed wide view front mounted cabin Rear View Camera Front and Rear work lights Reflectors and rear view mirror Tool kit Cabin Fan Gauges :a) Water temperature b) Engine oil pressure c) Fuel Gauge d) RPM meter cum hour recorder e) Air pressure Fly jib Spark arrestor Safe load indicator/ LMI Over Hoist hydraulic cutoff Fire extinguisher Beacon rotating light Front outriggers Drag Winch Front and side proximity sensors Cabin front glass protector Helper/Slinger seat 4 part slotted boom, 3 part hydraulically Operated & synchronized and 4th part power extended (15.4 mtrs height) 1200 Kgs HEIGHT-METERS height)



Full rated lifting capacity available in articulated / steered condition.

Front mounted, ergonomically designed spacious Cabin for better visibility & driveability



STEERING WHEEL & CONTROLS Steering wheel is provided as a standard feature, which along with ergonomically placed cluster ensures ease of operation



6 STABLE DESIGN 3 Point Oscillation Joint provides for safer and stable operation.



REAR DECK Spacious & well laid out rear deck for storing lifting tackles etc. and provides ample space for slingers/helpers.

2

5

7



EASY MAINTENANCE The engine is easily accessible for

daily maintenance checks including battery, air filter, oil level and cooling system.



FRONT OUTRIGGERS

Optional Front Outriggers for added safety during high lift

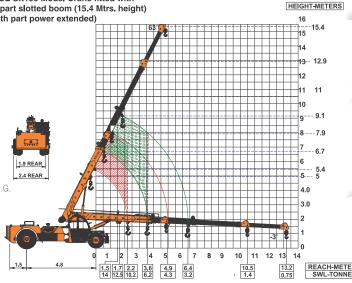


GROUND CLEARANCE

Ground clearance of 300mm facilitates easier rough terrain



OPTIMIZED KINEMATICS AND LOW C.G. SX150 crane has been designed with low Center of Gravity (C.G.) providing best in class stability and operational safety



3 INCREASED VISIBILITY

safe operation.

Bigger size front windscreen provided for better visibility and

Full rated lifting capacity available in articulated / steered condition.

NOTE: • All above specifications are pertaining to SX150 model fitted with 11.0 Mtrs. boom • Rated loads are on the basis of operation on firm and level surface..