

ACE

SX 170

Nextgen Hydraulic Mobile Crane Capacity : 16 tonnes

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



- Front Outriggers
- Ergonomically designed front mounted cabin
- Improved kinematics
- Slotted boom
- Self Adjusting hook block
- Better visibility
- Air brakes
- Better creep speed

*Nothing beats an **ACE***



Specifications

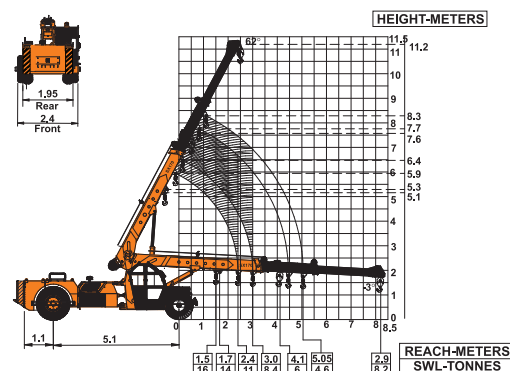
SX170

LIFTING CAPACITY (Free on wheels)	16 Tonnes
ENGINE	KOEL 4R810 NA (BS-III), 4 Cylinder Water Cooled Engine or suitable engine
Rated Power	49.5 BHP (36.41 KW) AT 2200 RPM
ELECTRICAL SYSTEM	12V, Negative earth with 35 Amp. Alternator & 75 amp. hr. battery
STEERING	Power steering through orbitrol with twin hydraulic double acting cylinders having 45° articulation on either side.
HYDRAULIC SYSTEM	<ul style="list-style-type: none"> ● 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 full flow filter. ● Two double acting lift cylinders, two double acting steering cylinders and one double acting extension cylinder.
TRANSMISSION	Heavy Duty, sliding mesh with 6 forward and 2 reverse speeds with high low range selector.
Clutch	Hydraulically operated, heavy duty, dry friction, cerametallic clutch plate with diaphragm type pressure plate
Top Speed	29 KMPH without load
BRAKES	
Service	<ul style="list-style-type: none"> ● 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.
Parking	<ul style="list-style-type: none"> ● Pneumatically operated fail safe type
TELESCOPIC BOOM	Three part slotted boom with hydraulically operated synchronized extensions (11.2 mtrs height).
BOOM LUFFING	
Range	-3° TO + 62°
FLUID CAPACITIES	
Engine	8.00 Ltrs.
Fuel Tank	120.00 Ltrs
Hydraulic Tank	125.00 Ltrs.
Transmission	57.00 Ltrs.

NOTE: • All above specifications are pertaining to SX170 model fitted with 11.2 Mtrs. boom.
• Rated loads are on the basis of operation on firm and level surface.

TYRES	
Front	12.00 x 20 – 18 PR (4Nos.)
Rear	14.00 x 25 – 20 PR (2 Nos.)
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 tyre guard(s)
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)
STANDARD EQUIPMENT	<ul style="list-style-type: none"> ● Front Outriggers ● ROPS fully enclosed wide view front mounted cabin ● Front and Rear work lights ● Reflectors and rear view mirror ● Tool kit ● Cabin Fan ● Front Tyre Protector ● Helper / Slinger Seat(s) ● Rear view camera with LCD display ● Beacon Light ● Gauges :- <ul style="list-style-type: none"> a) Water Temperature b) Engine Oil Pressure c) Fuel Gauge d) RPM meter cum hour recorder e) Air pressure
OPTIONAL EQUIPMENT	<ul style="list-style-type: none"> ● Fly jib (Max Capacity : 1.25 Tonnes) ● Spark arrestor ● Safe load indicator/ LMI ● Over Hoist hydraulic cutoff ● Fire extinguisher ● 4 part slotted boom, 3 part hydraulically Operated & synchronized and 4th part powerextended (15.5m & 18.2m height) ● High torque 60 bhp engine ● Drag winch ● Cabin front glass protector ● Front & side proximity sensors
OPERATING WEIGHT	14900 Kgs

ACE SX170 Model Crane fitted with
3 Part slotted boom (11.2 Mtrs. height)



Full rated lifting capacity available in articulated / steered condition.



- 1 CABIN**
Front mounted, ergonomically designed spacious Cabin for better visibility & driveability.



- 2 SLOTTED BOOM**
Facilitates easier load positioning & fitted with self adjusting hook block.



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



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



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



- 6 GROUND CLEARANCE**
Ground clearance of 300mm facilitates easier rough terrain operations.



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



- 8 OPTIMIZED KINEMATICS AND LOW C.G.**
SX170 crane has been designed with low Center of Gravity (C.G.) providing best in class stability and operational safety



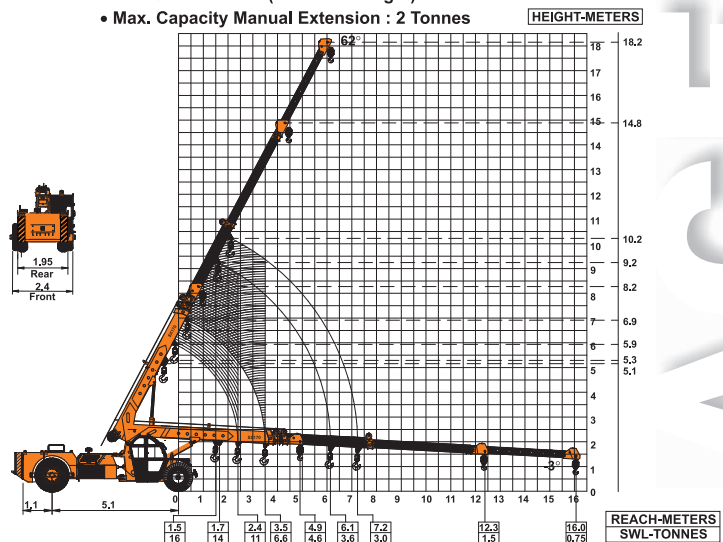
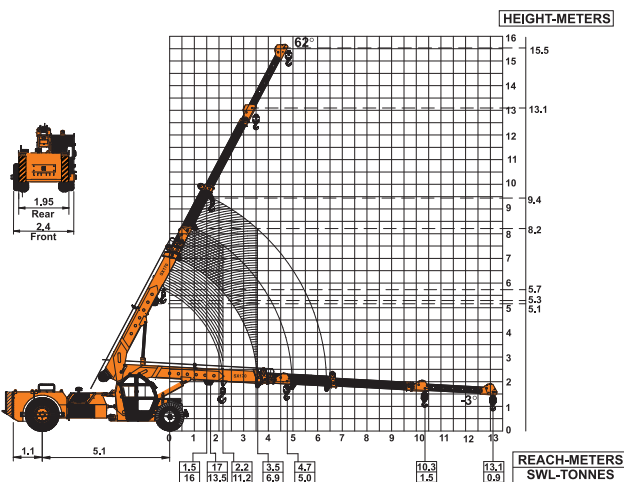
- 9 EASY MAINTENANCE**
The engine is easily accessible for daily maintenance checks including battery, air filter, oil level and cooling system.



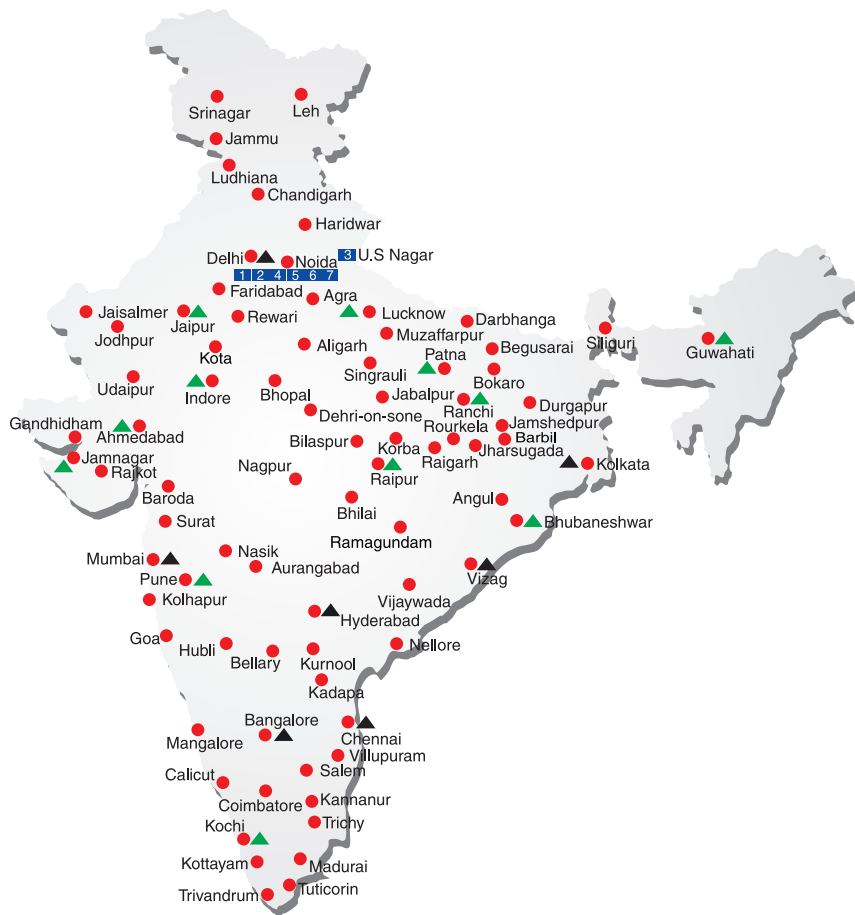
- 10 FRONT OUTRIGGERS**
Front Outriggers are provided as standard fitment for added safety during high lift operations.

ACE SX170 Model Crane fitted with
4 Part slotted boom (15.5 Mtrs. height)
• Max. Capacity Manual Extension : 2 Tonnes

ACE SX170 Model Crane fitted with
4 Part slotted boom (18.2 Mtrs. height)
• Max. Capacity Manual Extension : 2 Tonnes



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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, Kolkatta, Ahmedabad, Surat, Pune, Jaipur, Chandigarh, Ranchi, Raipur, Indore, Bhubneshwar, Lucknow, Jamnagar, Hyderabad, Bangalore, Guwahati, Patna, Vizag & Kochi.

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Action Construction Equipment Ltd.

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ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by $\pm 5\%$. Accessories if shown are not part of the Standard Equipment.

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