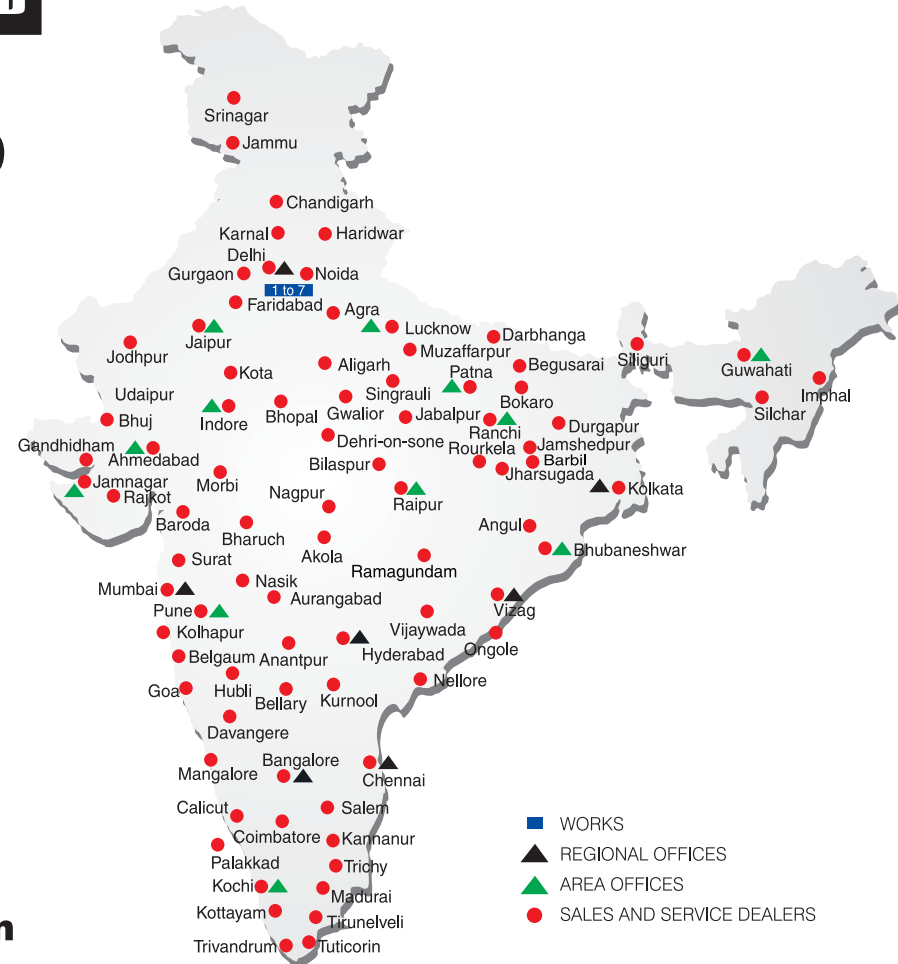


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Action Construction Equipment Ltd.

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.

NX360° 15/01/19

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NX 360° 15

NextGen Multi Activity Crane

360° Full Slew and Pick 'N' Carry,
Rough Terrain Articulated Crane



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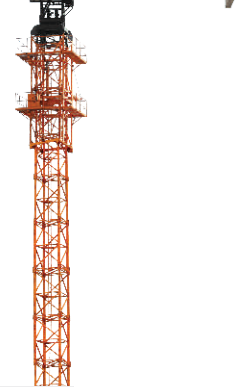
Motor Grader



Crawler Cranes



Tower Cranes



Piling Rigs



Mobile Tower Cranes



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Specifications

NX 360° 15

MAX LIFTING CAPACITY	15 Tonnes	SUPER STRUCTURE	Super structure is capable of continuous slewing in either direction and mounted with sealed slew bearing.
ENGINE	Tata 4 Cylinder, Water Cooled Diesel Engine or equivalent	OUTRIGGERS	
Rated Power	76 HP (56 kw) at 2200 RPM	Front outriggers	Hydraulically operated telescopic outrigger beams with vertical hydraulic jacks fitted with safety lock valves.
TRANSMISSION	Heavy duty, synchromesh with 8 forward and 2 reverse speeds and Hi-low drive selector for creep speed	Rear outriggers	Hydraulically operated swing and telescopic outrigger beams with vertical hydraulic jacks fitted with safety lock valves.
Axles	Front axle is rigidly mounted on the chassis. Rear drive axle is mounted with 2 nos. Leaf springs.	SLEWING	Hydraulic motor fitted with counter balance valve providing 360° continuous slew
Drive	4 x 2	BOOM DERRICKING	Two double acting hydraulic cylinders with counter balance safety valve
Clutch	Heavy duty, single, dry friction type hydraulic clutch.	BOOM LUFFING Range	-2° to + 64°
Top Speed	40 KMPH on even metaled Road (without load)	TELESCOPIC BOOM	4 section boom with 2 sections hydraulically operated & synchronized and 4th section power extended - Double acting hydraulic cylinder with counter balance safety valve is provided for boom telescoping
Gradeability	40 % (unladen)	HOIST	Winch is driven by hydraulic motor and fitted with rope tensioner. Hoisting is provided through self adjusting hook block employing 6 falls of 13mm dia. Rope.
STEERING	Full power orbitrol with twin hydraulic double acting cylinders and 40° articulation on either side	Hoist Speed	50 Mtrs./Min (Line Speed)
Turning Radius	7.4 Mtrs. on outer rear wheels.	ELECTRICAL SYSTEM	12v, Negative earth.
BRAKES	- Dual Circuit Brakes - Fully Pneumatic brakes on front and rear wheels. - Parking brake is pneumatically operated, fail safe type		
HYDRAULIC SYSTEM	- Gear type tandem pump - Four spools for crane operation. - Seven spools for outrigger operation. - Suction line has 100 mesh size strainer while return line is fitted with 25 micron full flow filter.		

Specifications

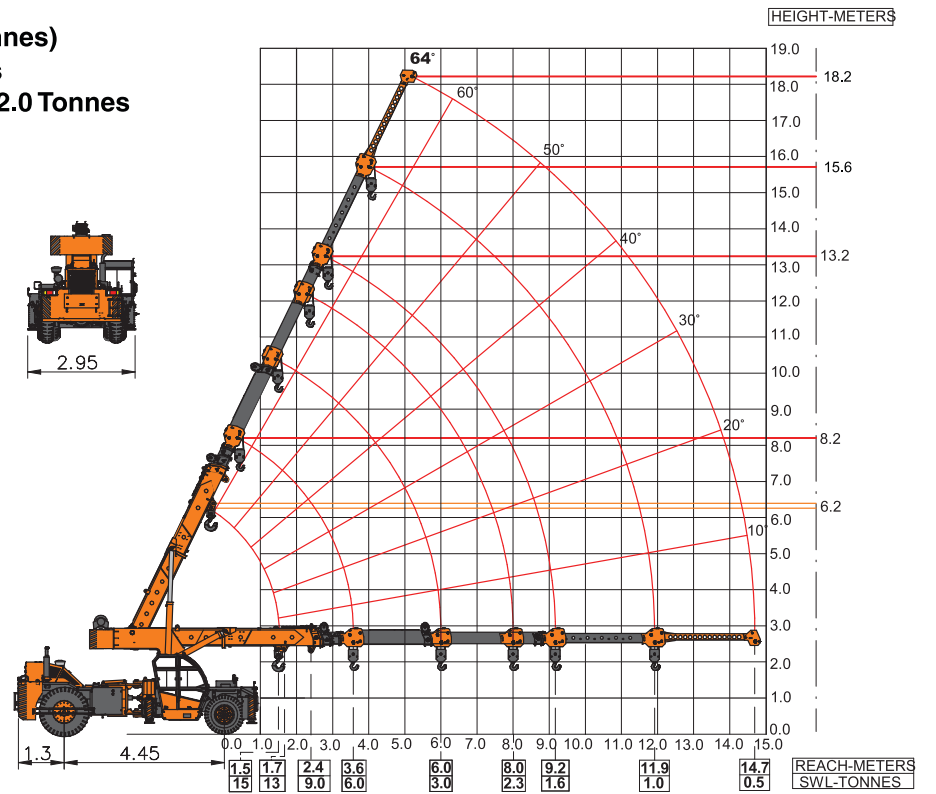
NX 360° 15

TYRES		STANDARD EQUIPMENT	
Front	11.00x20-16 PR (4 NOS.)		- Front & rear outriggers - ROPS fully enclosed wide view cabin - Load view camera - Rear view camera - Front and rear work lights - Helper/Slinger seat - Reflectors & rear view mirrors - Beacon rotating light - Tool Kit - Cabin fan - Wiper Motor - Gauges : a) Water Temperature. b) Engine Oil Pressure. c) Fuel Gauge d) RPM meter cum hour recorder e) Air Pressure Gauge f) Speedometer
Rear	14.00x25-20 PR (2 NOS.)		
SAFETY	- Safe load indicator with cutoff - Hose failure protection - Audio over hoisting Indication with cut off - Safety brakes on hoist - Self-adjusting hook block - Rear wheel guards	OPTIONAL EQUIPMENT	- Flyjib (Max Capacity : 1.25 Tonnes) - Spark arrestor - Fire Extinguisher - Front and side Proximity Sensors - Cabin front glass protector
OPERATING WEIGHT			
Front axle	9800 Kgs.		
Rear Axle	8500 Kgs.		
Total Weight	18300 Kgs.		

Load Chart : Pick 'N' Carry Duty (Tonnes)

- Max. Capacity Fly Jib : 1.25 Tonnes
- Max. Capacity Manual Extension : 2.0 Tonnes

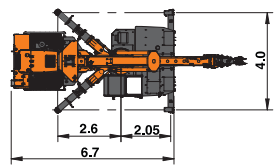
MULTI
ACTIVITY
CRANE



Load Chart : Slew Duty (Kgs)

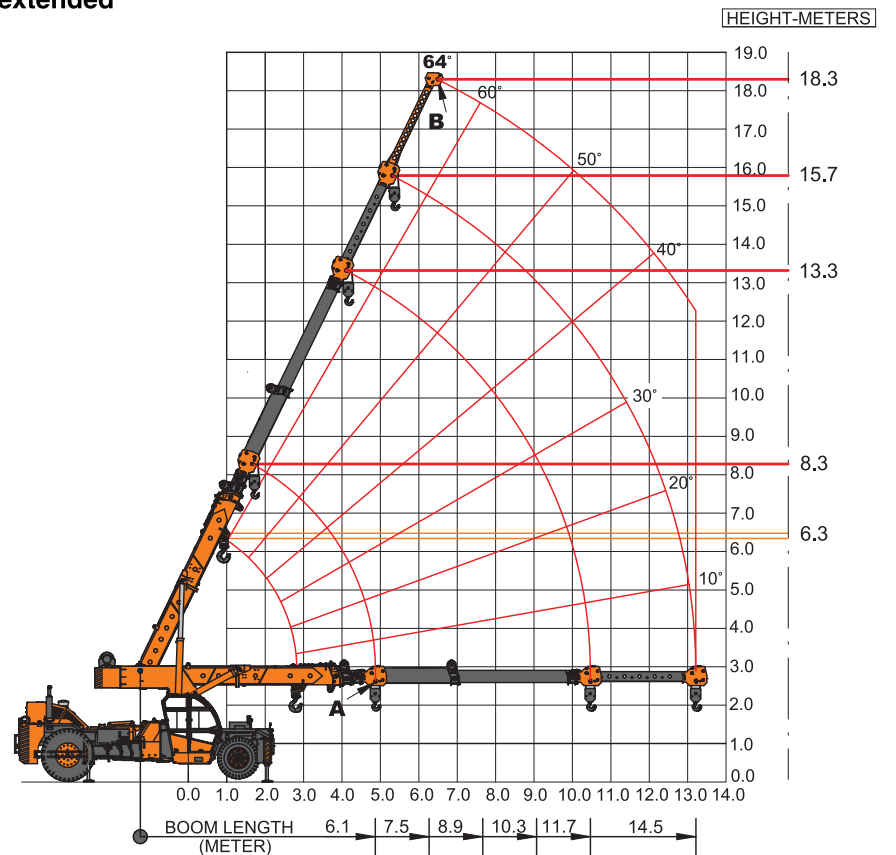
- Outriggers : Fully swung out and fully extended
- Slewing Range : 360° Continuous

SLEW RADIUS (M)	BOOM LENGTH IN METERS					
	HOOK BLOCK (A)					FLY JIB
	MANUAL EXT. CLOSED	MANUAL EXT. OPEN	MANUAL EXT. OPEN	MANUAL EXT. OPEN	MANUAL EXT. OPEN	BOOM FULLY EXTENDED
2.5	15000	9000				
2.8	13500	9000				
3.0	11500	9000				
4.0	9500	9000	9000			
5.0		6000	5900	5800		
6.0		4800	4400	4200	2000	
7.0			3500	3200	1800	1250
8.0				2900	1600	1250
9.0				2200	1500	1000
10.0					1200	900
11.0					1000	750
12.0					900	750
13.0					800	600
14.0						600
15.0						500
16.0						500



NOTE:

1. Lifting capacities for supported operation only on firm level ground.
2. SWL are based on 85% stability as per IS: 4573.
3. Lifting capacity = Actual load + Chain/Slings.



NX 360° 15

