

100%
Swadeshi

ACE NX 360°

NextGen Multi Activity Crane

360° Full Slew and Pick 'N' Carry,
Rough Terrain Articulated
4x4 Drive Crane

ACE INDIA'S NO. 1
CRANE BRAND

CEV
STAGE



Specifications

NX 360°

| | | | |
|-----------------------------|--|------------------------------|--|
| MAX LIFTING CAPACITY | 20 Tonnes | OUTRIGGERS | |
| ENGINE | Tata Motors (CEV BSV) Diesel Engine Model 497, 4 cylinder, Water Cooled, Turbo Charged Engine with Electronic Control Unit (ECU) | Front outriggers | Hydraulically operated telescopic outrigger beams with vertical hydraulic jacks fitted with safety lock valve. |
| Rated Power | 101 HP (74 kW) at 2200 RPM | Rear outriggers | Hydraulically operated swing and telescopic outrigger beams with vertical hydraulic jacks fitted with safety lock valve. |
| TRANSMISSION | Heavy duty, synchromesh with 10 forward and 2 reverse speeds and hi-low drive selector for creep speed | SLEWING | Hydraulic motor fitted with counter balance valve providing 360° continuous slew |
| Axles | Front Drive axle is rigidly mounted on the chassis. Rear drive axle is mounted with 2 nos. Leaf springs. | BOOM DERRICKING | Two double acting hydraulic cylinders with counter balance safety valve |
| Drive Clutch | 4 Wheel drive. Heavy duty, single, dry friction type pneumatic assisted hydraulic clutch. | BOOM LUFTING Range | -2° to + 64° |
| Top Speed | 34 KMPH on even metaled Road (without load) | TELESCOPIC BOOM | <ul style="list-style-type: none"> 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. 35 Mtrs./Min (Line Speed) |
| STEERING | Full power orbitrol with twin hydraulic double acting cylinders and 40° articulation on either side | ELECTRICAL SYSTEM | 12v, Negative earth. (110 AH Battery) |
| Turning Radius | 7.6 Mtrs. on outer rear wheels. | TYRES Front | 12.00x20-18 PR (4 NOS.) |
| BRAKES | <ul style="list-style-type: none"> Dual Circuit Brakes Fully Pneumatic brakes on front and rear wheels. Parking brake is pneumatically operated, fail safe type | Rear | 12.00x20-18 PR (4 NOS.) |
| HYDRAULIC SYSTEM | <ul style="list-style-type: none"> 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. | SAFETY | <ul style="list-style-type: none"> 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 |
| SUPER STRUCTURE | Super structure is capable of continuous slewing in either direction and mounted with sealed slew bearing. | | |



NX 360°



Specifications

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STANDARD EQUIPMENT

- Front work lights
- Reflectors and rear view mirror
- Tool kit
- Cabin fan
- Wiper motor
- Digital Cluster with display indications for :
 - a) Fuel Level
 - b) Low Fuel
 - c) Engine Oil Pressure
 - d) Air Pressure
 - e) Low Air Pressure
 - f) Parking Brake
 - g) Coolant Temperature
 - h) Engine RPM
 - i) Engine Hour Recorder
 - j) Speedo Meter
 - k) Odometer
 - l) Urea Level
 - m) Water in Fuel
 - n) Battery Charging
 - o) Neutral Position Safe Start
 - p) 2W/4WD Drive
 - q) Regeneration
 - r) Fault Detector Codes (P Code)

OPTIONAL EQUIPMENT

- Rear view Camera
- Front Outriggers
- Beacon Rotating Light
- Regeneration Switch

ULTRA

Features

- Air Conditioned (AC) cabin
- Fly jib (1.25 Tonnes Max. Capacity)
- Over Hoist hydraulic cutoff
- Fire extinguisher
- Cabin Front Glass Protector
- Helper / Slinger Seat
- Drag Winch
- Front & Side Proximity Sensors
- Man Basket Attachment
- ALSS, SCOS and RAS features for Safe Crane Operations.
- ACE Live (Telematics) : IOT Device for Monitoring, Diagnosis and Remote Trouble Shooting.
- IOT Controlled SLI.
- IOT Controlled AC.

OPERATING WEIGHT

20870 Kgs.

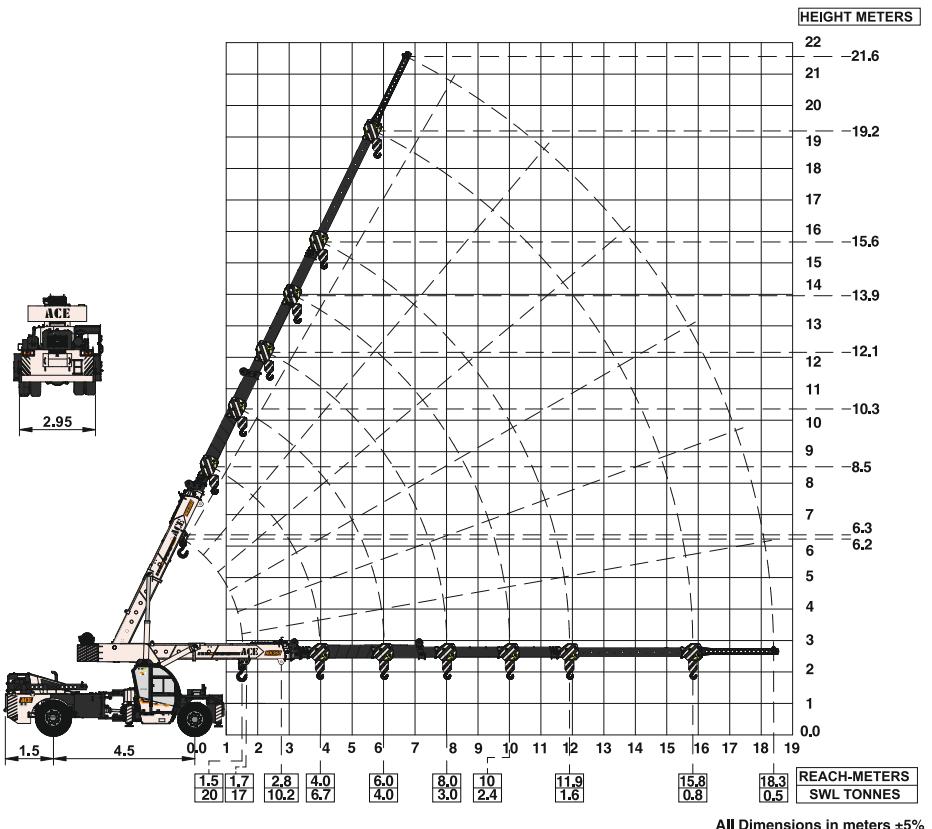


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Load Chart : Pick 'N' Carry Duty (Tonnes)

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

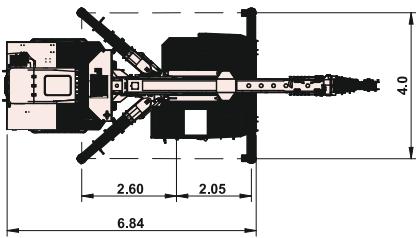
MULTI ACTIVITY CRANE



Load Chart : Slew Duty (Kgs)

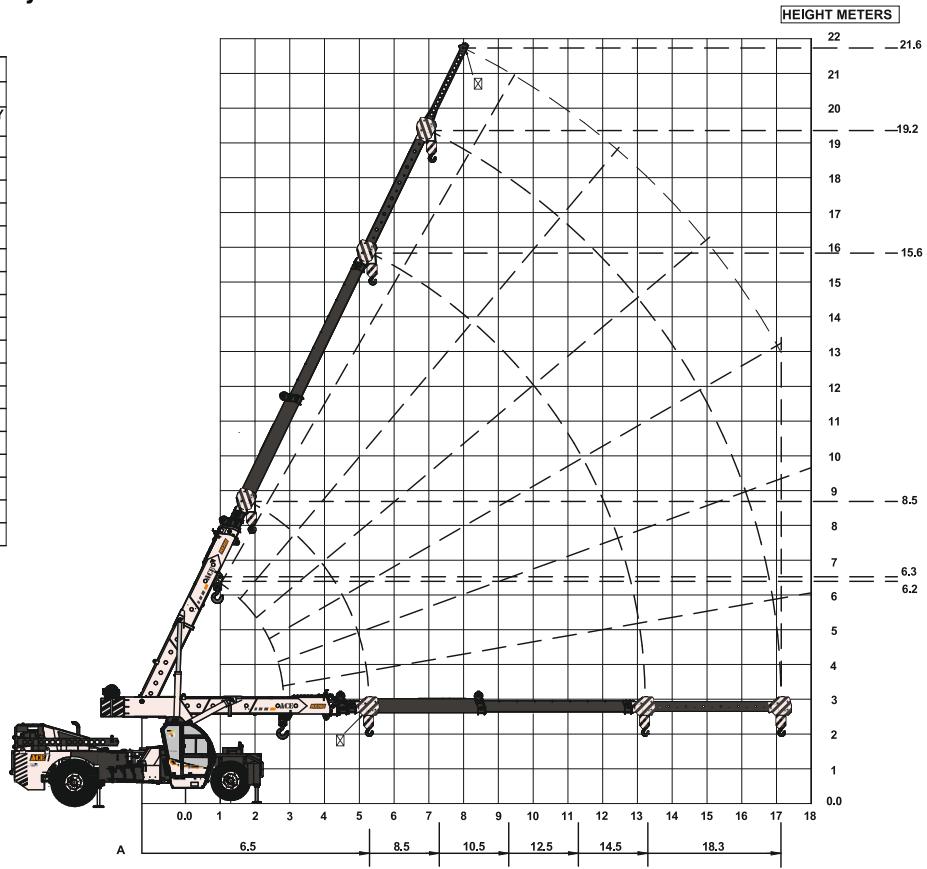
- Outriggers : Fully swung out and fully extended
- Slewing Range : 360° Continuous

| SLEW RADIUS (M) | BOOM LENGTH IN METERS | | | | FLYJIB | |
|-----------------|-----------------------|------|------------------|------|--------|------|
| | HOOK BLOCK (A) | | | | | |
| | MANUAL EXT. CLOSED | | MANUAL EXT. OPEN | | | |
| (M) | 6.5 | 8.5 | 10.5 | 12.5 | 14.5 | 17.1 |
| 2.5 | 18000 | 9000 | | | | 19.9 |
| 2.8 | 16000 | 9000 | | | | |
| 3.0 | 14000 | 9000 | | | | |
| 4.0 | 10500 | 9000 | | | | |
| 5.0 | 7500 | 7250 | 7100 | 7000 | | |
| 6.0 | 5800 | 5600 | 5400 | 5300 | | |
| 7.0 | 4100 | 4100 | 4000 | 4000 | 2000 | |
| 8.0 | | 3800 | 3800 | 3600 | 1800 | 1250 |
| 9.0 | | 2700 | 2700 | 2600 | 1600 | 1200 |
| 10.0 | | | 2000 | 2000 | 1200 | 1000 |
| 11.0 | | | 1800 | 1800 | 1100 | 900 |
| 12.0 | | | 1400 | 1100 | 800 | |
| 13.0 | | | 1200 | 1000 | 700 | |
| 14.0 | | | | 1000 | 700 | |
| 15.0 | | | | 800 | 600 | |
| 16.0 | | | | 700 | 600 | |
| 17.0 | | | | 600 | 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.



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Mobile Cranes (9-260 Tonnes)



Tractors



Harvester Combine



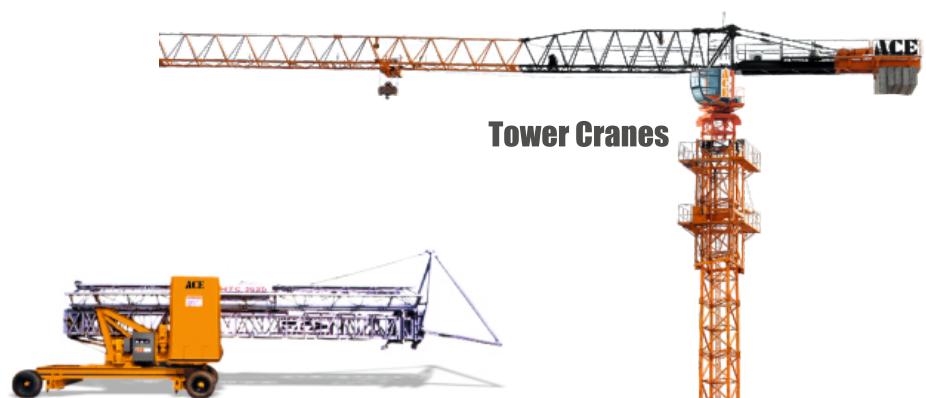
Vibratory Rollers



Backhoe Loader



Motor Grader



Mobile Tower Cranes

Tower Cranes



BUILT TO PERFORM

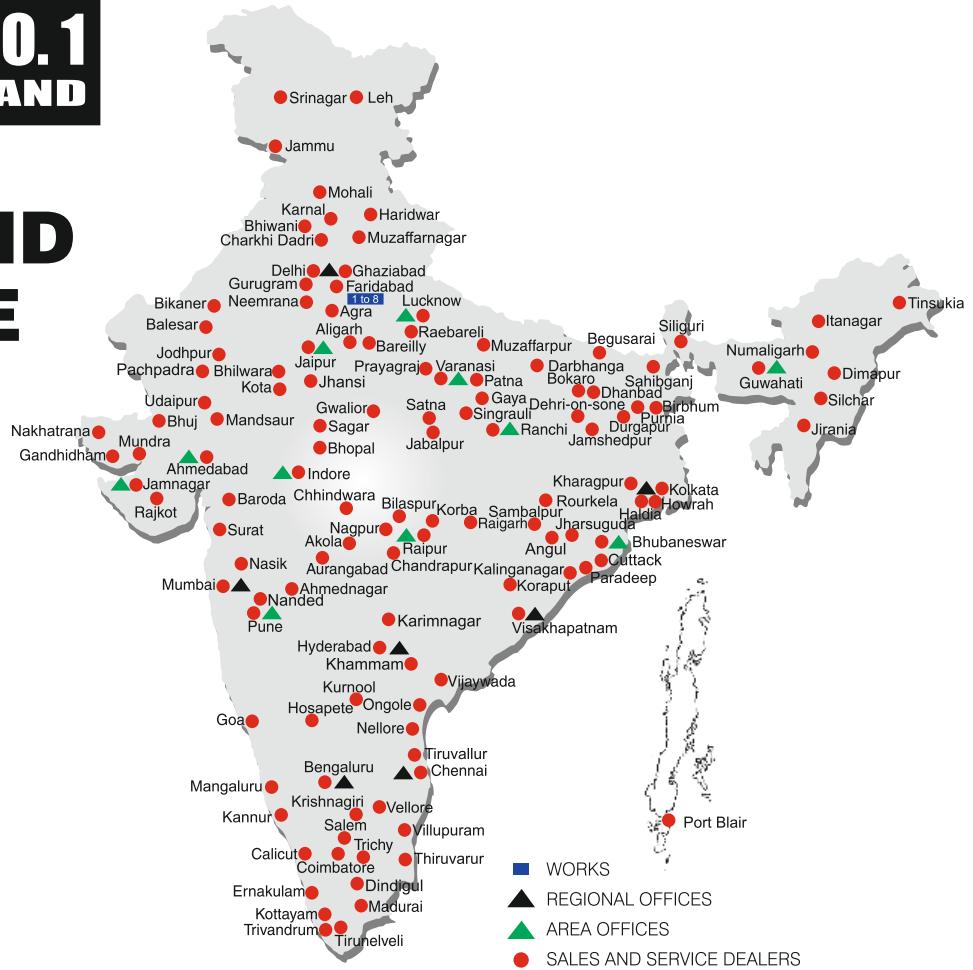


NETWORK



**INDIA'S NO. 1
CRANE BRAND**

**RELIABLE AND
DEPENDABLE
EFFICIENCY**



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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 ± 5%. Accessories if shown are not part of the Standard Equipment.