

100%
Swadeshi

ACE NXP170

NextGen Manlift Crane

Crane Capacity : 17 tonnes
Man Lift Height : 25 Meters
Aerial Access Platform cum
Articulated Rough Terrain Crane

ACE INDIA'S NO. 1
CRANE BRAND

CEV
STAGE



4X4



Specifications

NXP 170

LIFTING CAPACITY	17 Tonnes Pick 'N' Carry Duty 230 Kgs Aerial Platform Duty	TYRES	11.00 x 20 - 16 PR (8 Nos.) 4150 mm 1825 mm
ENGINE	Tata (CEV V), Diesel Engine, Model 497, 4 cylinder, Water Cooled, Turbo Charged Engine with Electronic Control Unit (ECU)	ELECTRICAL SYSTEM	12v, Negative Earth (110 AH Battery)
Max. Rating	74 HP (54 kW) at 2200 RPM	SAFETY	<ul style="list-style-type: none"> ● SLI - Safe Load Indicator ● Hose Failure Protection ● Audio Over hoisting Indication ● Safety Brakes on Hoist ● Self-Adjusting Hook Block ● Front and rear wheel guards
TRANSMISSION	Heavy Duty Synchromesh with 10 Forward and 2 reverse speeds. Auxiliary Gear Box with 2WD-High/4WD-Low selector.	STANDARD EQUIPMENT	<ul style="list-style-type: none"> ● Front work lights ● Reflectors and rear view mirror ● Tool kit ● Cabin fan ● Wiper motor ● Digital Cluster with display indications for : <ul style="list-style-type: none"> 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) ● Rear view Camera ● Front Outriggers ● Beacon Rotating Light ● Regeneration Switch ● Over Hoist hydraulic cutoff
Axes	Front axle is rigidly mounted on the chassis and Rear axle is mounted with 2 Nos. leaf Springs.	OPTIONAL EQUIPMENT	<ul style="list-style-type: none"> ● Air Conditioned (AC) cabin ● Fire extinguisher ● Cabin Front Glass Protector ● Helper / Slinger Seat ● Front & Side Proximity Sensors
Drive	4 wheel drive (4x4)		<ul style="list-style-type: none"> ● 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.
Clutch	Heavy Duty, single, dry friction type pneumatic assisted hydraulic clutch.		
Top Speed	35 Kmph on even metalled Road (without load)		
Creep Speed	1.3 Kmph		
Gradeability	40% (unladen)		
BRAKES	Pneumatically operated dual circuit brakes on Front and Rear wheels. Parking brake is pneumatically operated spring actuated fail safe type.		
STEERING	Hydraulically operated steering wheel with 40° Articulation on either side and turning radius of 7.5 Mtrs (approx) on outer rear wheels.		
HYDRAULIC SYSTEM	<ul style="list-style-type: none"> ● Gear / Infra Vane type Main Pump. Five 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, one double acting extension cylinder and two double acting steering cylinders. 		
TELESCOPIC BOOM	4 part slotted boom, 2 part hydraulically operated & synchronized and 4th part power extended (20.2 mtrs height)		
BOOM LUFTING Range	- 7° to + 75°		
HOIST	Winch is driven by hydraulic motor and fitted with rope tensioner. Hoisting is provided through self adjusting hook block employing 4/6 falls of 13 mm dia rope		
Hoist Speed	50 Mtrs./Min. (Line Speed)	OPERATING WEIGHT	18040 Kgs.



ACE



AERIAL PLATFORM

Access platform / Man Lift Basket is provided with quick coupling connections for easy and fast Installation / Removal	
Length	1800 mm (1.8 m)
Width	910 mm (0.91 m)
Capacity	230 Kgs (Rated at 60%)
Maximum Working Height	25 m
Maximum Platform Height	23 m
Maximum Horizontal Outreach	21.2 m
Jib Angle - Up	70°
- Down	70°
Jib Articulation Range	140° with 2 Mtrs. above & 2 Mtrs. below horizontal
Platform Rotation	180° (90° on either side) Hydraulically Driven through Slew / Rotary Drive

NXP170

MAN LIFT CRANE



**Jib
Articulation**



Platform Rotation

ACE



FRONT OUTRIGGERS

Front Outriggers for added safety during high lift / man lift operations.



AC CABIN

IOT controlled Air Conditioned Cabin for Operator comfort

ULTRA

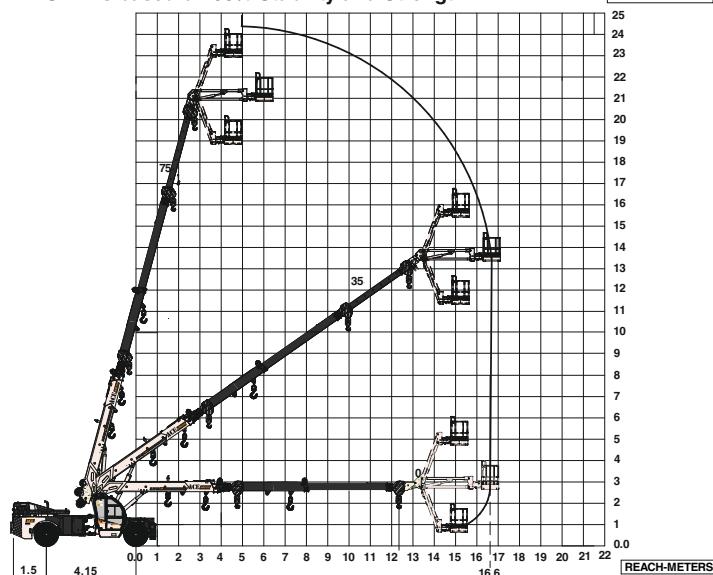
ACE LIVE : SLI

IOT connected and controlled SLI for safe load / operation monitoring and control, providing improved safety and working at sites

ULTRA

Man Basket Load Chart

- Man Basket Maximum Capacity - 230 Kgs
- Front outriggers are provided for added safety
- SWL is based on 60% Stability and Strength.

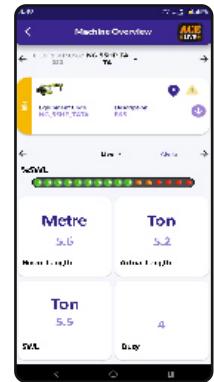
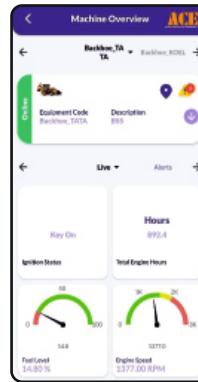
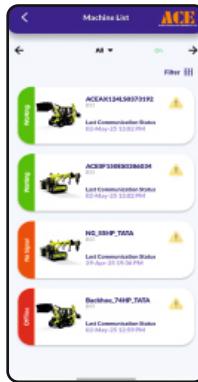


All dimensions are in Meters ±5%

ACE LIVE : TELEMATICS

Smart connected machines with IOT Device for Live Monitoring and Diagnosis of various parameters and Remote Trouble Shooting

ULTRA



ALSS

ADVANCED LOAD SENSING SYSTEM

ULTRA

Advanced Load Sensing System ensures low speed 4WD mode during movement with loads (1000 kgs Plus)

SCOS

SAFE CRANE OPERATION SYSTEM

ULTRA

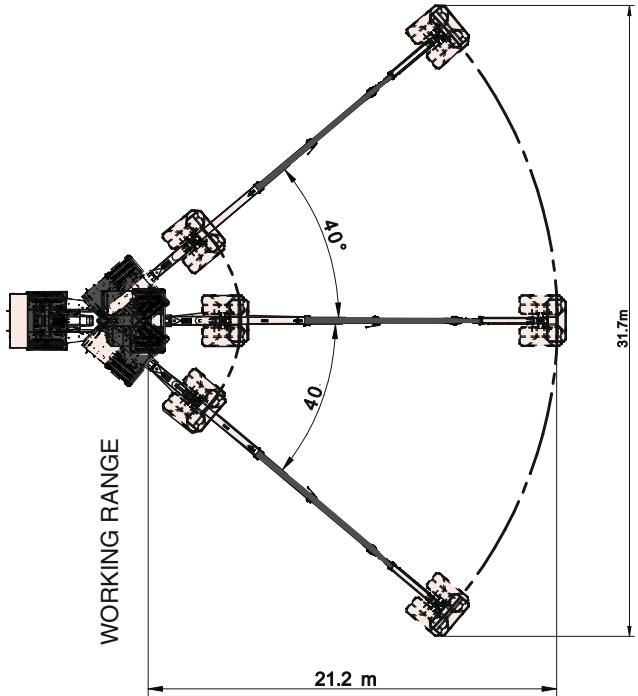
Safe Crane Operation System is a Fail Safe System which ensures that the machine is not overloaded and only safe functions are permitted, minimizing operator fault.

RAS

REMOTE ARTICULATION STABILITY

ULTRA

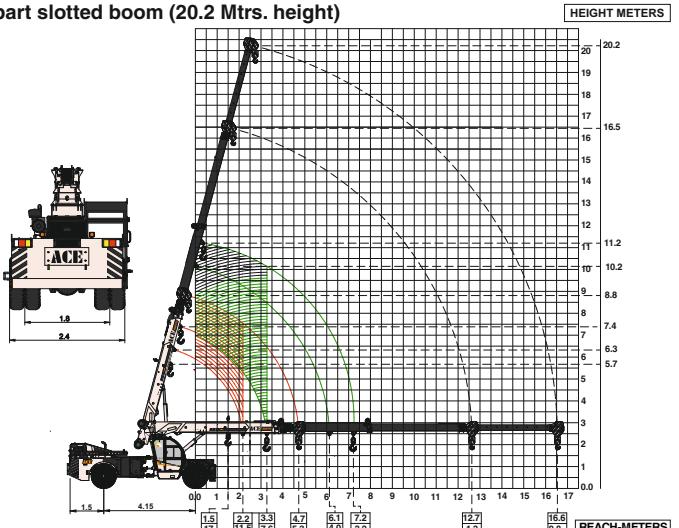
Remote Articulation Stability ensures safe operations during articulation including movement with loads.



Pick N Carry Load Chart

- Max. capacity flyjib : 1.25 tonnes
- Max. capacity manual extension : 2.0 tonnes
- SWL is based on IS4573

NXP 170 Model Crane fitted with 4 part slotted boom (20.2 Mtrs. height)



ACE

Mobile Cranes (9-260 Tonnes)



Tractors



Harvester Combine



Forklifts



Vibratory Rollers



Backhoe Loader



Motor Grader



Piling Rigs



Tower Cranes



Mobile Tower Cranes



BUILT TO PERFORM



ACE INDIA'S NO. 1
CRANE BRAND

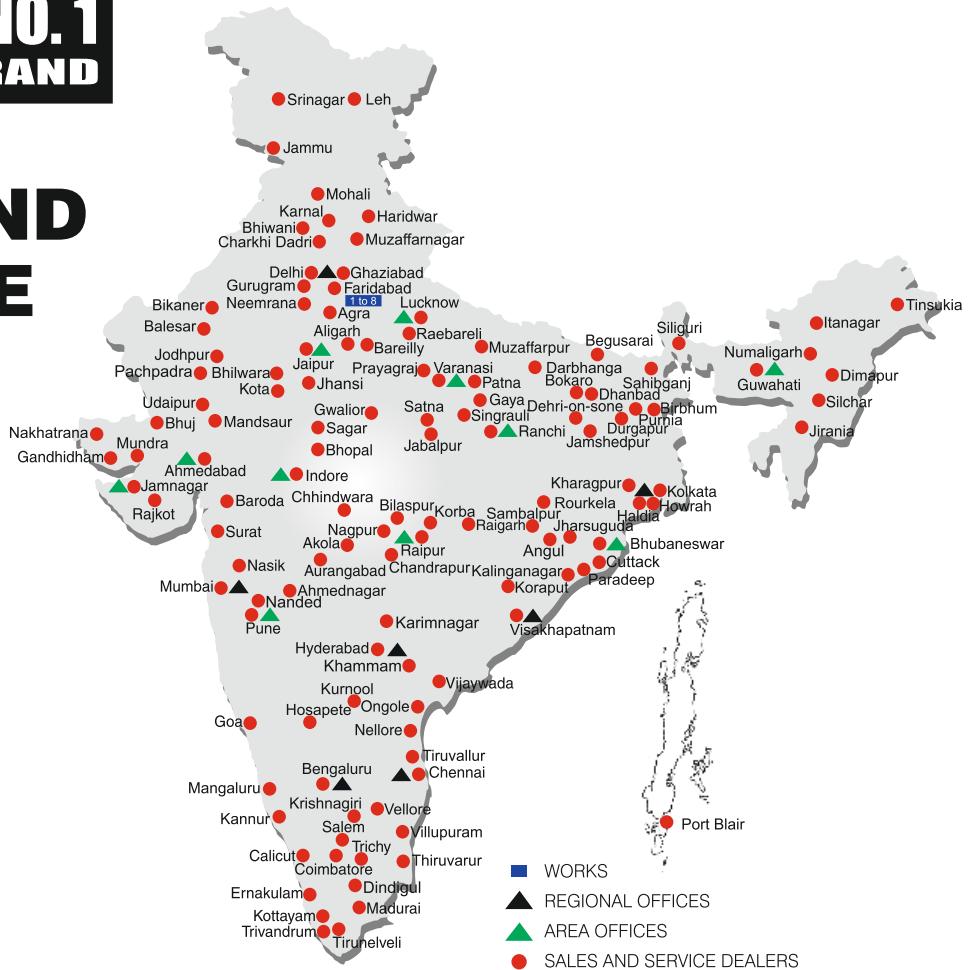
RELIABLE AND DEPENDABLE EFFICIENCY



Toll Free Help Line
1800 1800 004

www.ace-cranes.com

NETWORK



MARKETING H.Q.

4th Floor, Pinnacle
Surajkund, NCR-121009
Ph. : +91-129-4550000
Fax : +91-129-4550022
E-mail: marketing@ace-cranes.com

REGISTERED OFFICE

Dudhola Link Road, Dudhola
Palwal-121102, Haryana
Ph.: +91-1275-280111
Fax: +91-1275-280133
CIN : L74899HR1995PLC053860

MUMBAI OFFICE

31, "Kalpataru Court"
Chembur, Mumbai - 400074
Ph.: +91-22-25206846, 25207070
Fax: +91-22-25207071
E-mail: acemumbai@ace-cranes.com

KOLKATA OFFICE

84A, AJC Bose Road, Fomra Tower -
2nd Floor, Kolkata-700014
Ph. : +91-9038070630
E-mail: acekolkata@ace-cranes.com

CHENNAI OFFICE

1st Floor, "Alsa Regency", 165
Eldams Road, Alwar Pet
Chennai - 600018
Ph.: +91-44-24314253
Fax: +91-44-24314252
E-mail: acechennai@ace-cranes.com

HERE TO SERVE YOU.



ACE
Action Construction Equipment Ltd.

Follow us on



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.