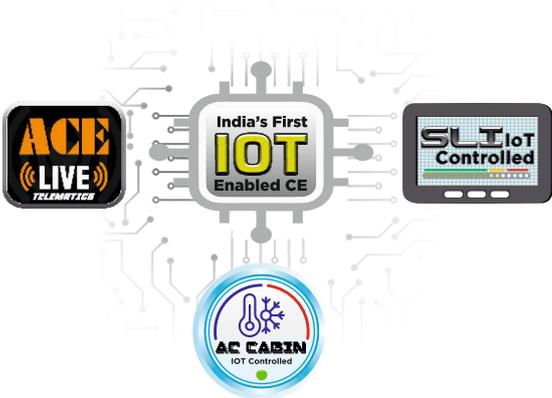


100%  
Swadeshi



# ACE F210

4X4

## Nextgen Hydraulic Crane Capacity: 20 tonnes

Rough Terrain and Rugged, 4x4  
Articulated NextGen Pick 'n' Carry Crane

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



# Specifications

# F-210

<b>LIFTING CAPACITY</b>	20 Tonnes
<b>ENGINE</b>	Tata Motors, (CEV V) Diesel Engine Model 497, 4 cylinder, Water Cooled, Turbo Charged Engine with Electronic Control Unit (ECU)
Rated Power	101 HP (74 kW) at 2200 RPM
<b>TRANSMISSION</b>	Heavy Duty Synchromesh with 10 Forward and 2 reverse speeds. Auxiliary Gear Box with Hi/Low & 2WD/4WD selector.
Axles	Front axle is rigidly mounted on the chassis. Rear drive axle is mounted with 2 nos. Leaf springs.
Drive	4 Wheel drive.
Clutch	Heavy duty, single, dry friction type hydraulic clutch.
Creep Speed	1.3 KMPH
Top Speed	38 KMPH on even metaled Road (without load)
Gradeability	40 % (unladen)
<b>STEERING</b>	Full power orbitrol with twin hydraulic double acting cylinders and 40° articulation on either side
Turning Radius	7.6 Mtrs. on outer rear wheels.
<b>BRAKES</b>	<ul style="list-style-type: none"> <li>• Dual Circuit Brakes</li> <li>• Fully Pneumatic brakes on front and rear wheels.</li> <li>• Parking brake is pneumatically operated, fail safe type</li> </ul>
<b>HYDRAULIC SYSTEM</b>	<ul style="list-style-type: none"> <li>• Gear/Intra Vane type main pump</li> <li>• Five spools control valve with built in Relief Valve (Heavy duty)</li> <li>• Suction line has 100 mesh size strainer while return line is fitted with 25 micron filter.</li> <li>• Two double acting lift cylinders, two double acting steering cylinders and one double acting extension cylinder</li> </ul>
<b>TELESCOPIC BOOM</b>	4 part slotted boom, 2 part hydraulically operated & synchronized and 4th part power extended
<b>BOOM LUFFING Range</b>	-7° to + 70°
<b>HOIST</b>	4 Tonnes Line Pull 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.
Hoist Speed	35 Mtrs./Min (Line Speed)
<b>ELECTRICAL SYSTEM</b>	12v, Negative Earth (110 AH Battery)

<b>TYRES</b>	
Front	12.00x20-18 PR (4 NOS.)
Rear	12.00x20-18 PR (4 NOS.)
Wheel Base	4300 mm
Wheel Track	1840 mm
<b>SAFETY</b>	<ul style="list-style-type: none"> <li>• Hose failure protection</li> <li>• Audio over hoisting Indication</li> <li>• Safety brakes on hoist</li> <li>• Self-adjusting hook block</li> <li>• Front and rear wheel guards</li> </ul>
<b>STANDARD EQUIPMENT</b>	<ul style="list-style-type: none"> <li>• Front work lights</li> <li>• Reflectors and rear view mirror</li> <li>• Tool kit</li> <li>• Cabin fan</li> <li>• Wiper motor</li> <li>• Digital Cluster with display indications for :               <ol style="list-style-type: none"> <li>a) Fuel Level</li> <li>b) Low Fuel</li> <li>c) Engine Oil Pressure</li> <li>d) Air Pressure</li> <li>e) Low Air Pressure</li> <li>f) Parking Brake</li> <li>g) Coolant Temperature</li> <li>h) Engine RPM</li> <li>i) Engine Hour Recorder</li> <li>j) Speedo Meter</li> <li>k) Odometer</li> <li>l) Urea Level</li> <li>m) Water in Fuel</li> <li>n) Battery Charging</li> <li>o) Neutral Position Safe Start</li> <li>p) 2W/4WD Drive</li> <li>q) Regeneration</li> <li>r) Fault Detector Codes (P Code)</li> </ol> </li> <li>• Rear view Camera</li> <li>• Front Outriggers</li> <li>• Beacon Rotating Light</li> <li>• Regeneration Switch</li> </ul>
<b>OPTIONAL EQUIPMENT</b>	<ul style="list-style-type: none"> <li>• Air Conditioned (AC) cabin</li> <li>• SLI - Safe Load Indicator</li> <li>• Fly jib (1.25 Tonnes Max. Capacity)</li> <li>• Over Hoist hydraulic cutoff</li> <li>• Fire extinguisher</li> <li>• Cabin Front Glass Protector</li> <li>• Helper / Slinger Seat</li> <li>• Drag Winch</li> <li>• Front &amp; Side Proximity Sensors</li> <li>• Man Basket Attachment</li> <li>• ALSS, SCOS and RAS features for Safe Crane Operations.</li> <li>• ACE Live (Telematics) : IOT Device for Monitoring, Diagnosis and Remote Trouble Shooting.</li> <li>• IOT Controlled SLI.</li> <li>• IOT Controlled AC.</li> </ul>
<b>OPERATING WEIGHT</b>	19855 Kgs.





# BUILT TO PERFORM

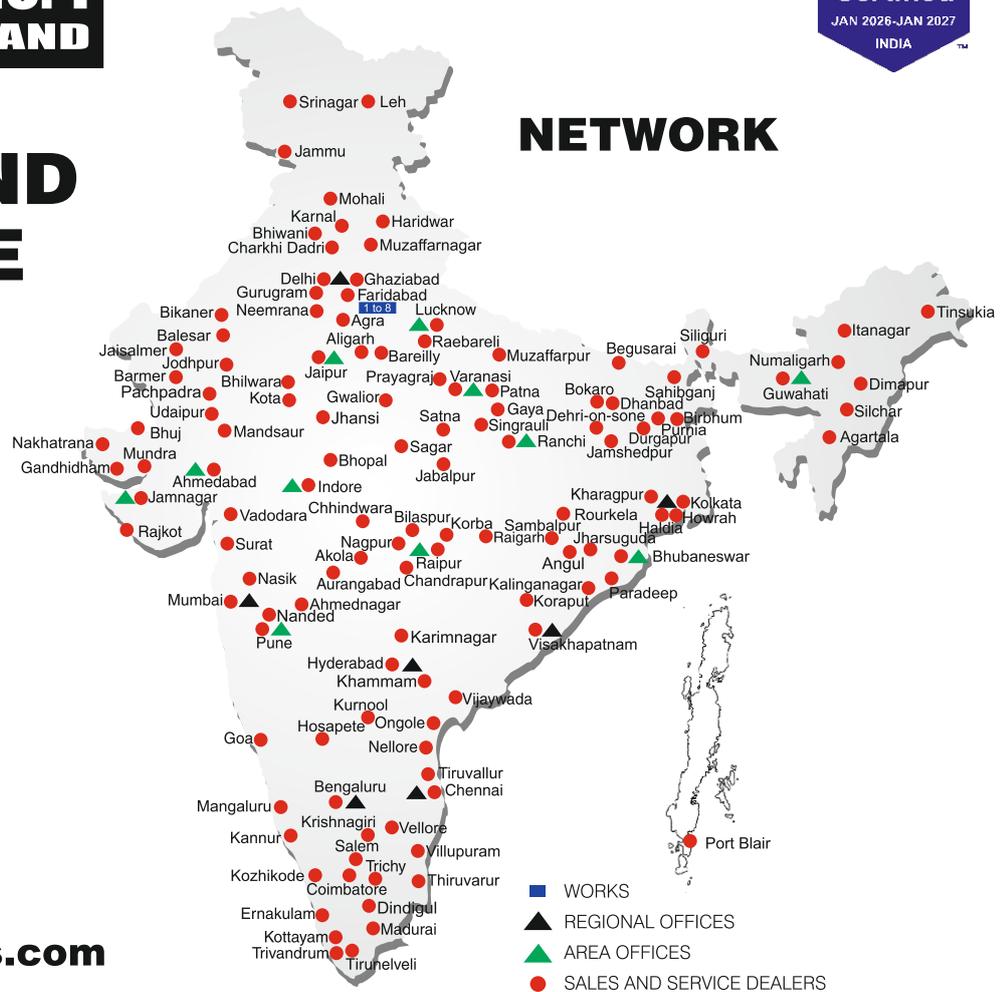


**ACE** INDIA'S NO. 1  
CRANE BRAND

Great Place To Work<sup>®</sup>  
Certified  
JAN 2026-JAN 2027  
INDIA

**RELIABLE AND  
DEPENDABLE  
EFFICIENCY**

## NETWORK



**Toll Free Help Line  
1800 1800 004**

[www.ace-cranes.com](http://www.ace-cranes.com)

### MARKETING H.Q.

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

**HERE TO SERVE YOU.**



F210



Product Range



ACE Live

**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.