

100%
Swadeshi

ACE F250

Nextgen Hydraulic Crane
Capacity : 25 tonnes

Rough terrain and rugged, 4x4
Articulated NextGen Pick 'n' Carry crane

ACE INDIA'S NO. 1
CRANE BRAND

CEV
STAGE



Specifications

F-250

LIFTING CAPACITY	25 Tonnes	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 wheel guards
ENGINE	Tata (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		
TRANSMISSION	Heavy Duty Synchromesh Gearbox with 12 Forward and 2 reverse speeds. Auxiliary Gear Box with 2WD/4WD selector for High and Low speeds.	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
AXLES	Front axle is rigidly mounted on the chassis. Rear drive axle is mounted with 2 nos. Leaf springs.		
Drive	4 Wheel drive (4x4)		
Clutch	Heavy duty, single, dry friction type pneumatic assisted hydraulic clutch.		
Creep Speed	1.3 KMPH		
Top Speed	38 KMPH on even metaled Road (without load)		
Gradeability	40 % (unladen)		
STEERING	Full power orbitrol with twin hydraulic double acting cylinders and 40° articulation on either side		
Turning Radius	8.20 Mtrs. on outer rear wheels.		
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 		
HYDRAULIC SYSTEM	<ul style="list-style-type: none"> • Gear/Intra Vane type main pump • Five spools control valve with built in Relief Valve (Heavy duty) • Suction line has 100 mesh size strainer while return line is fitted with 25 micron filter. • Two double acting lift cylinders, two double acting steering cylinders and one double acting extension cylinder. 		
TELESCOPIC BOOM	4 part slotted boom, 2 part hydraulically operated & synchronized and 4th part power extended	OPTIONAL EQUIPMENT	<ul style="list-style-type: none"> • Air Conditioned (AC) cabin • SLI - Safe Load Indicator • 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.
HOIST	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)		
ELECTRICAL SYSTEM	12v, Negative Earth (110 AH Battery)		
TYRES			
Front	12.00x24-20 PR (4 NOS.)		
Rear	12.00x24-20 PR (4 NOS.)		
Wheel Base	4930 mm		
Wheel Track	1880 mm		
		OPERATING WEIGHT	20800 Kgs.



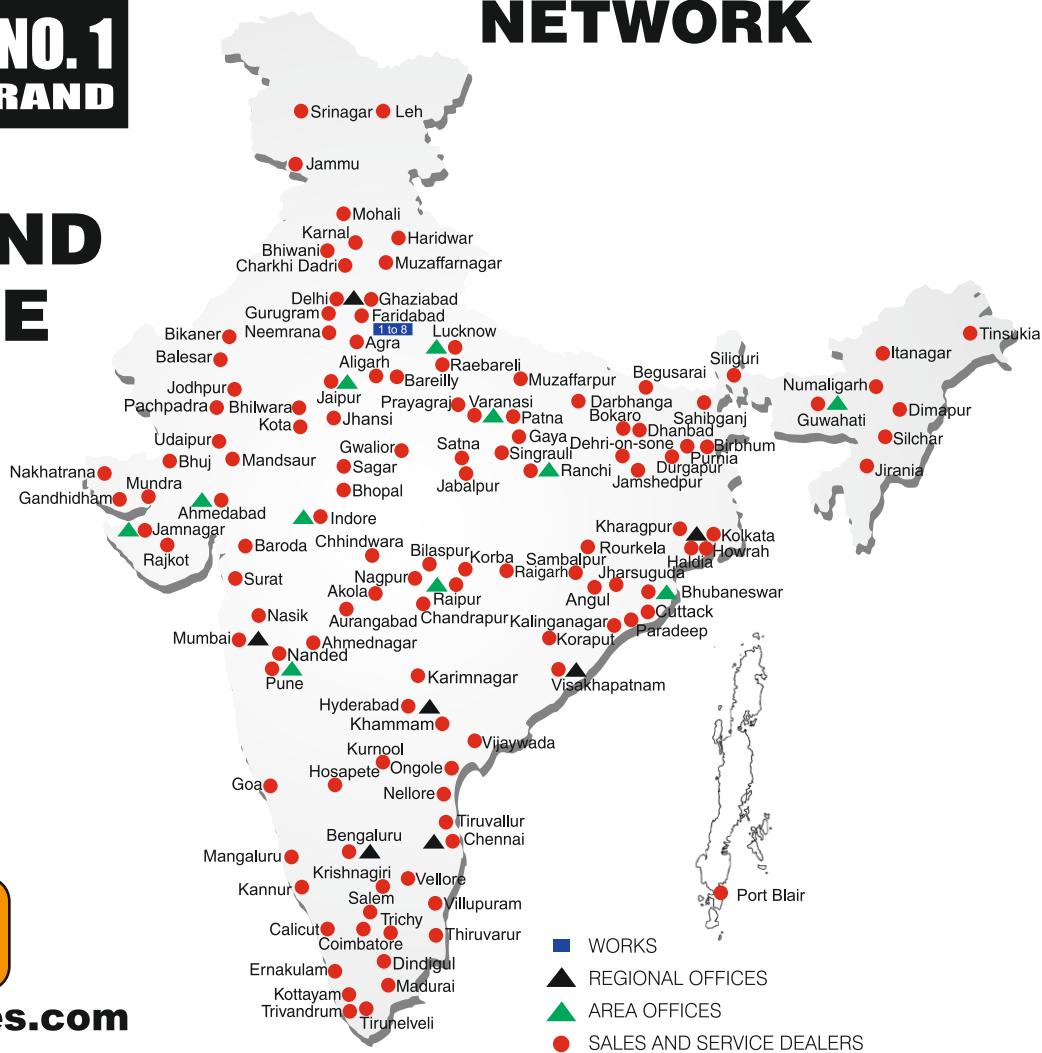
BUILT TO PERFORM



ACE INDIA'S NO. 1
CRANE BRAND

RELIABLE AND DEPENDABLE EFFICIENCY

NETWORK



**Toll Free Help Line
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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.