

BUILT TO PERFORM



NETWORK

ACE INDIA'S NO.1
CRANE BRAND

**RELIABLE AND
DEPENDABLE
EFFICIENCY**

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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.

F150/11/25

ACE F150

**Nextgen Hydraulic Crane
Capacity : 15 tonnes**

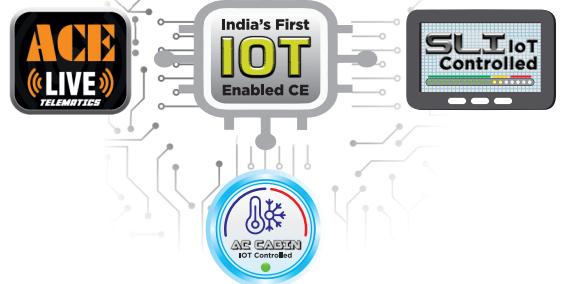
Rough terrain and rugged, 4x4
Articulated NextGen Pick 'n' Carry crane

ACE INDIA'S NO.1
CRANE BRAND

CEV STAGE



**100%
Swadeshi**



Specifications

LIFTING CAPACITY	15 Tonnes
ENGINE	Tata (CEV V) Diesel Engine, Model 497, 4 cylinder, Water Cooled, Turbo Charged Engine with Electronic Control Unit (ECU)
Max. Rating	74 HP (54 kW) at 2200 RPM
TRANSMISSION	Heavy Duty Synchromesh Gearbox with 10 Forward and 2 reverse speeds. Auxiliary Gear Box with 2WD/4WD selector for High and Low speeds
Axles	Front axle is rigidly mounted on the chassis and Rear axle is mounted with 2 Nos. leaf Springs.
Drive	4 Wheel drive (4x4)
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 and 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.
TELESCOPIC BOOM	4 part slotted boom, 2 part hydraulically operated & synchronized and 4th part power extended (18.8 mtrs height)
HYDRAULIC SYSTEM	<ul style="list-style-type: none"> Gear / Intra 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.
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)

F 150

ELECTRICAL SYSTEM	12v, Negative Earth (110 AH Battery)
TYRES	11.00 x 20 - 16 PR (8 Nos.) 3900 mm 1825 mm
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
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"> Fuel Level Low Fuel Engine Oil Pressure Air Pressure Low Air Pressure Parking Brake Coolant Temperature Engine RPM Engine Hour Recorder Speedo Meter Odometer Urea Level Water in Fuel Battery Charging Neutral Position Safe Start 2W/4WD Drive Regeneration Fault Detector Codes (P Code) Rear view Camera Front Outriggers Beacon Rotating Light Regeneration Switch
ENGINE OPTIONS	Tata 55 HP and 101 HP
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.
OPERATING WEIGHT	15900 Kgs.

ACE

F150



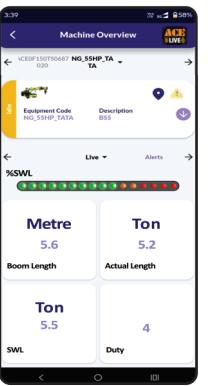
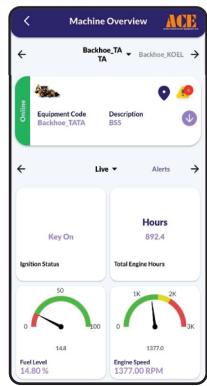
AC CABIN

IOT controlled Air Conditioned Cabin for Operator comfort

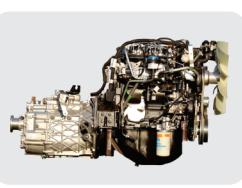


ELECTRONIC CLUSTER

Digital Electronic Cluster with advanced features.



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



ENGINE
Tata Model 497 (CEV V)
Diesel Engine with nation wide service support and spares availability



OPTIMIZED KINEMATICS AND LOW C.G.
F 150 crane has been designed for operational safety with low Center of Gravity (C.G.) providing best in class stability



STEERING WHEEL & CONTROLS
Ergonomically placed operator console and instrument cluster ensures ease of operation.



- Max. Capacity Fly jib : 1.25 Tonnes
- Max. Capacity manual extension : 2.0 Tonnes

