



Escorts Kubota Limited

Construction Equipment

**LIFT WITH POWER
MOVE WITH PRECISION**

F15 55XT



Creep Speed
1.3 km/h
Performance & Safety



Capacity
15 t
High Performance



Service Interval (Engine) 500 hrs
Low Maintenance



Boom Height
21 m (with Fly Jib)
High Performance



Shortest Turning Radius 7.2 m
High Performance



Max Speed
35 km/h
High Performance

**CEV
STAGE V**

About Us

Experience. Engineering. Excellence.

Escorts Kubota Limited is committed to building a lasting legacy through a transformative mission of global excellence. We lead in farm mechanization, smart agriculture, advanced construction equipment solution. Dedicated to a brighter future for our customers, nation, and the world, we focus on continuous innovation and value creation.

Our Belief

At Escorts Kubota Limited our journey is deeply connected to the aspirations of our stakeholders, focusing on building a sustainable ecosystem founded on transparency, trust, and respect. We deliver exceptional product quality and innovation for customers, nurture employee growth, and contribute positively to the communities we serve.

Our Journey

1944



Escorts was founded

1971



Escorts pioneered the first HYDRA crane in India

1985



Rough Terrain - RT30 & RT40 were introduced

1999



Pioneered High-End crane model K10 was introduced

2002



High-End crane model F15 was introduced, which become our flagship model

2009



Design & developed M1000 crane Loader

2014



Launched F15 2WD affordable High-End crane

2015-16



Launched High-End crane F20

2018



Launched new models - Hydra 13/15, TRX15/2319, High-End F17 & NXT13

2025



Launched the entire CEV Stage V range & resetting industry with all new Hydra 12

Explore Our Range



HYDRA CRANES	HIGH END CRANES	MINI EXCAVATORS	BACKHOE LOADERS	TANDEM COMPACTORS	SOIL COMPACTORS	ROUGH TERRAIN CRANES
12 t - 15 t	14 t - 30 t	1.8 t - 4.9 t	7.8 t	3.3 t - 9.4 t	10 t - 12 t	20 t - 40 t
9.6 m (27 ft) - 19 m (65 ft)	18.2 m (60 ft) - 20.1 m (66 ft)	12 kW (16.1 HP) - 28.8 kW (38.6 HP)	54.5 kW (74 HP)	33.5 kW (45 HP) - 54.5 kW (74 HP)	82 kW (110 HP)	23 m (75 ft) - 36 m (118 ft)

F15 55XT

A 15 t High-End Crane with 4 section 18.2 m boom height. Key components come from reliable brands. Operator comfort with safety is provided by new cabin design with better visibility

-  Superior Lifting Capacity 15 t
-  Operator's Cabin
Ergonomically Designed Cabin with Safety & Comfort
-  TATA Engine, Transmission & Axles





Unmatched Durability & Strength

Built with a rugged chassis and high-strength materials, ensuring longevity and reliability in demanding work environments.



Enhanced Visibility for Maximum Control

Thoughtfully designed operator cabin with a wide field of vision for precision handling and improved safety.



Power-Packed Performance

Powerful and reliable fuel efficient TATA Engine, transmission & axles with low maintenance cost.



Ultimate Safety & Stability

Equipped with reinforced structure and fail safe braking system with additional operating weight for secure operation



Superior Operator Comfort

Spacious and ergonomically designed operator cabin with easy controls for fatigue-free operation.

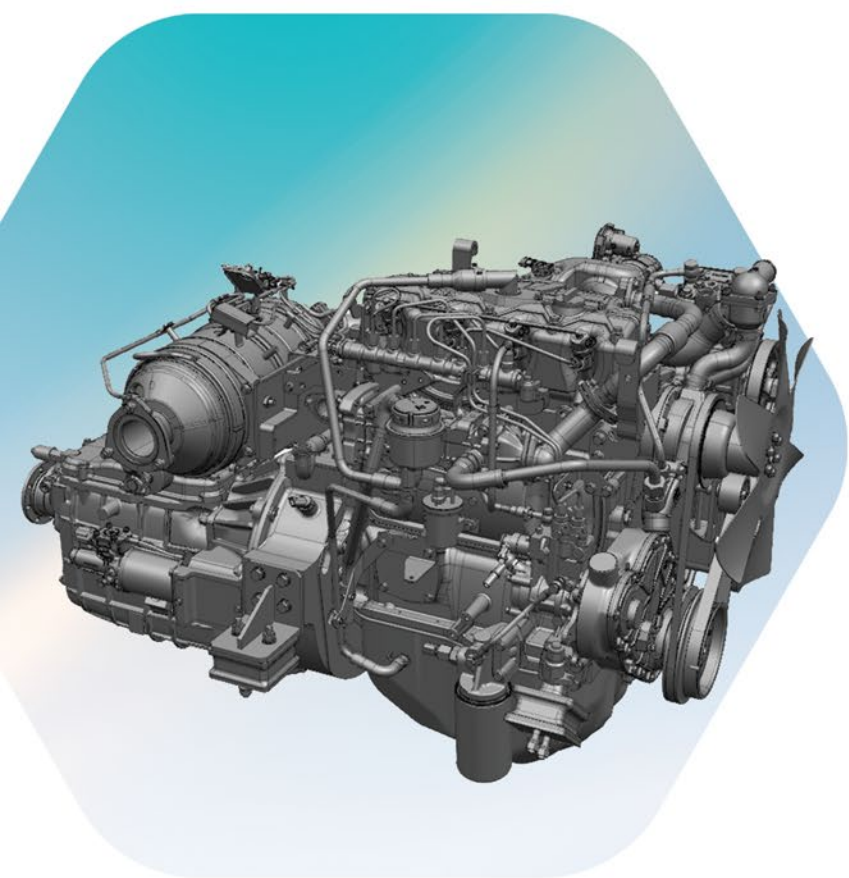


Fuel Efficient

Engineered for optimal fuel efficiency, reducing operational costs without compromising performance.

Unmatched Performance

Load Chart



41 kW (55 HP) TATA CEV Stage V Engine

TATA 497, CEV Stage V, diesel engine, water Cooled, ECU for engine management system, Developing 41 kW/ 55 HP @2200 rpm



DOC+DPF



Service interval



CRDI System

Robust fuel injection system capable of meeting environment condition even for off-highway application



10F + 2R Speed Synchromesh Transmission

Engine coupled with TATA synchromesh transmission gear box and auxiliary gear box with high/ low & 2WD/4WD mode selector



Heavy Duty TATA Front & Rear Axle

Heavy-duty rigidly mounted drive axle for heavy load application



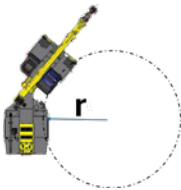
Electronic Management System

Electronic Control Unit (ECU) for Engine diagnosis & troubleshooting



Air Pressure System

Air compressor is belt driven in place of camshaft driven. Air pressure building time reduced by ~50%



Shortest Turning Radius of 7.2 m

Better maneuverability in tight space and difficult working sites



Faster Travel, Steady Loading

- 35 km/h Top speed, fastest in the Industry Approved by ARAI
- 1.3 km/h Creep speed, Better control of load while working



4 Falls with Auto Leveling Hook Block

Provide precision handling & auto leveling of hook block during boom extension and retraction

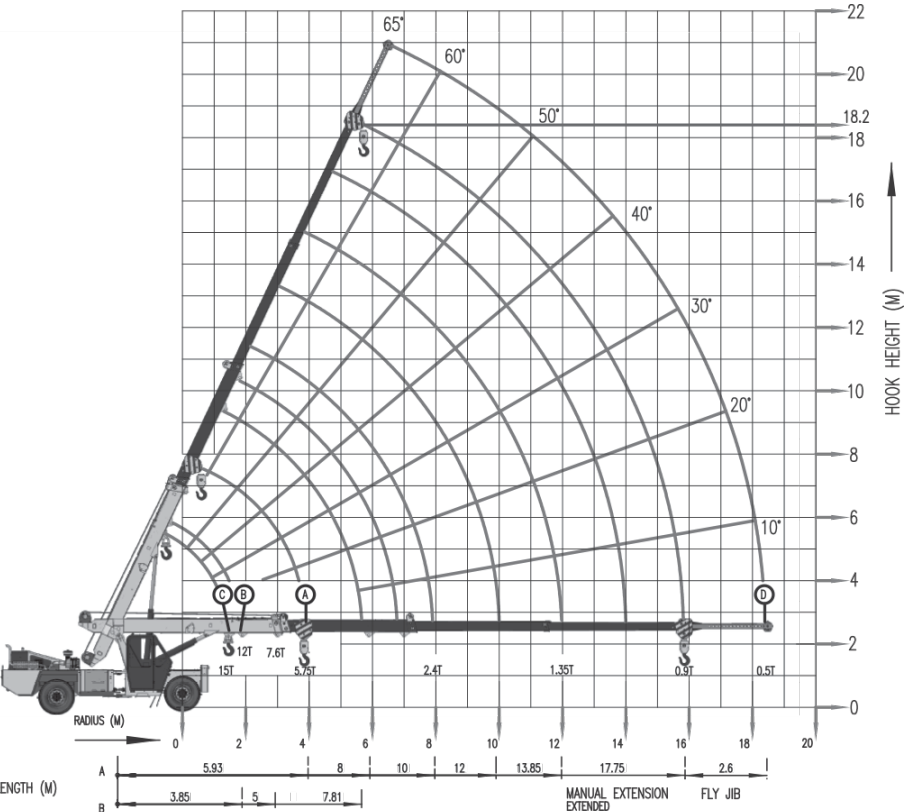
RADIUS (M)	A					
	BOOM LENGTH(L) IN METERS MANUAL EXTENSION RETRACTED					MANUAL EXT. EXTENDED
	5.93	8	10	12	13.85	17.75
2	7500	7500	7500			
3	7500	7500	6900	5200		
4	5750	5700	5070	4500	3970	
5		4500	4760	4000	3460	1680
6		3700	3525	3475	3100	1575
7			3100	2900	2750	1475
8			2400	2478	2400	1400
9				2130	2080	1320
10					1775	1250
11					1550	1180
12					1350	1135
13						1100
16						900
18						

B			
BOOM PIVOT TO INNER LUG 1ST JIB EXTN. MANUAL EXTN. RETRACTED			
3.85	5	6	7.81
12000	11000	11000	10550
	7000	7000	6700
		4800	4750
			3570

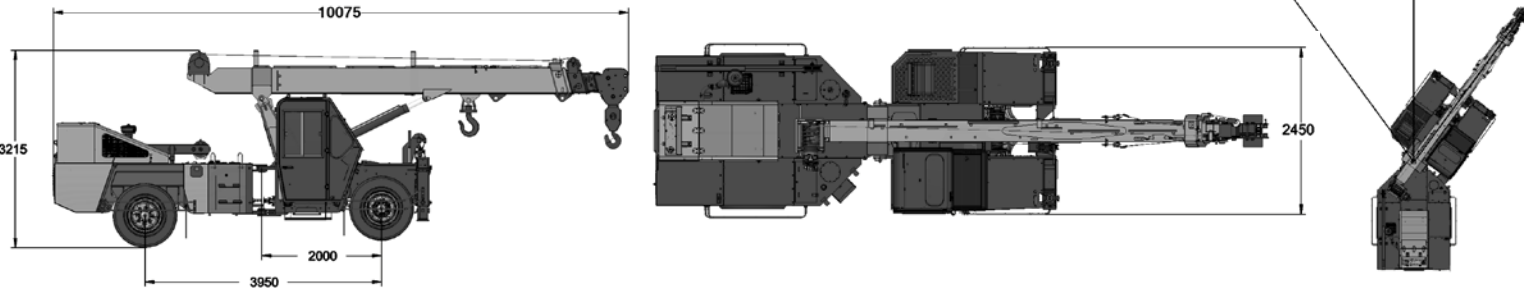
C	
15 t LUG	
BOOM FULLY RETRACTED	
RADIUS (M)	S.W.L (KG)
1.5	15000

D FLY JIB (BOOM FULLY EXTENDED)	
	750
	750
	700
	700
	600
	650
	600
	500

- RADIUS IS THE HORIZONTAL DISTANCE MEASURED FROM THE CENTRE OF FRONT WHEEL TO THE LOAD POINT
- S.W.L ARE BASED ON 85% STABILITY & STRENGTH
- S.W.L ARE BASED ON FIRM LEVEL GROUND WITH TYRES 11X20X16 PLY INFLATED TO 115 PSI, WEIGHT OF HOOKS, BLOCKS, SLINGS & CHAIN ETC. INCLUDED.
- LIFT & CARRY - THE S.W.L. SHALL BE CARRIED WITH THE MINIMUM BOOM LENGTH & AS CLOSE TO THE GROUND AS POSSIBLE AT SPEEDS NOT IN EXCESS OF 2 KMPH.
- BOOM HEAD MOUNTED RHINO HOOK CAPACITY- 6000 kg
- RATED LOADS ARE CALCULATED FOR OPERATION ON LEVELED SURFACE.



F15 55XT – Dimensions (Ref.) & Area of Operation



NOTE:- Technical modification reserved. All dimensions, Speeds & weights are variable within ± 5% over indicated values.

Unmatched Comfort



Rocker Switches
Reliable and low effort Rocker Switch with better aesthetic appearance



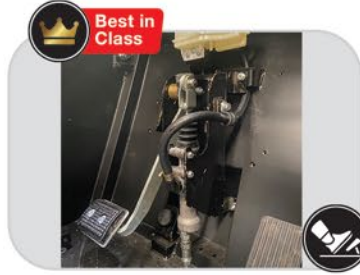
Digital Display
Bright and easy-to-read, Single digital cluster with all gauges, fault code detection for engine system. Regeneration text pop-up flashed on display for operator convenience & actions



17.8 cm (7 inch) TFT Display for Rear Camera
Allows operator an unobstructed view to ensure safety of machine & surroundings



All new weatherproof cabin with better visibility, comfortable operator seat with safety seatbelt, and EMI & EMC compliant electronics for reliable performance.



Hydro Pneumatic Clutch
51% reduction in operating effort to significantly reduce operator fatigue



Diesel Particulate Filter (DPF) Switch
Regeneration Switch on the dashboard



Wider Operator Seat
Comfortable operator seat with safety seat belt



Electronic Accelerator Pedal
Low effort electronic accelerator pedal to reduce operator fatigue

Unmatched Safety



Higher Stability
Longer wheelbase of 3 950 mm for more stability and load handling



LED Work Lamps
Better night visibility for uninterrupted operation



12 V, 120 Ah Battery
Adequate battery capacity for superior cranking response & powering variety of accessories



Safe Load Indicator (SLI)*
Continuous monitoring of lifted load to ensure crane & operator safety



Tyres 11 x 20 - 16 PR
Industrial grade same size tire helps interchangeability with each other with wheel guard



5 t Load Pull*
Drag winch for horizontal pulling or dragging of load

Projector Head Lamps
For superior night visibility



Front Outrigger
Heavy duty front outriggers for superior stability during erection

*Optional Accessories

SPECIFICATIONS

Rated Capacity	
15 t	1.5 m radius
0.9 t	15.80 m radius
Max Height	21 m (with Fly Jib)
SWL based on 85% Stability & Strength (IS 4573)	
Vehicle Performance	
Max Speed	35 km/h
Creep Speed	1.3 km/h
Gradeability	38% unladen
Drive	
4 Wheel Drive	
Engine	
TATA 497, CEV Stage V, diesel engine, water cooled, ECU for engine management system, developing 41kW/ 55 HP @2 200 rpm	
Transmission & Clutch	
Engine coupled with TATA synchromesh transmission gear box and auxiliary gear box with high/ low & 2WD/4WD mode selector	
Clutch	Single, dry type friction clutch plate (self adjusting)
Clutch Actuation	Pneumatically assisted hydraulic clutch
Speeds	10 forward & 2 reverse with AGB
Axles	
Front	Rigidly mounted
Rear	Mounted with two semi-elliptical springs
Tyres	
8 no's.-11 x 20-16PR	
Hydraulic System	
Main Pump	Vane type Pump
Control Valve	Main control valve 3 spool double acting with a built-in relief & auxiliary valves
Outrigger Control Valve	2 spool double acting
Dragging Winch Control Valve	Single spool double acting valve
Steering	
Full power orbitrol with twin hydraulic double acting rams 36.3° articulation on either side	
Brakes	
Service	Fully air operated brakes 'S' cam dual circuit brakes on front and rear wheels
Parking	Air operated, spring actuated, fail safe brakes on front & rear wheels
Electrical System	
12 V, Negative Earth, 120 Ah Battery	
Ignition key to switch ON/OFF engine	
Boom	
4 parts slotted boom with 3 parts hydraulically powered & fully synchronized, 4th part power extended & manually pinned for safety	
Luffing range: - 10° to + 65°	
Dimensions	
Wheelbase	3.95 m
Overall Length	10.08 m
Overall Width	2.45 m
Overall Height	3.21 m

Wheel Track	
Front	1.81 m
Rear	1.81 m
Turning Radius	
7.2 m	
Hoist	
Hydraulically operated with 4 falls, Built in safety brakes	
Operating Weight	Travel
Front Axle	6 370 kg
Rear Axle	10 110 kg
Total	16 480 kg
Standard Safety System	
• Safety Brakes on Hoist • Counter Balance Protection Valve in the Lift Circuit against Hose Burst • Visual Warning for Parking Brakes ON	• Regeneration text pop-up messages in Instrument Cluster • Low Air Pressure Warning Buzzer • Neutral Safety Start Switch
Standard Accessories	Optional Accessories
• All Weather Cabin with Unrestricted Visibility • Rear View Camera with LCD • Front Outriggers • Wheel Guards • Mobile Charging Socket • Battery Cut-off Switch • Auto Leveling Hook Block • Projector Head Lamp • LED Work Lamp • LED Cabin Lamp • Fly jib	• Safe Load Indicator with Hydraulic Cut-off • Man Carrying Basket • Fire Extinguisher • Helper Seat Platform • Drag Winch • Rhino Hook

SERVICE & SPARES SUPPORT

- WARRANTY AND POST WARRANTY SERVICE
- ON-SITE SERVICE THROUGH A WIDE NETWORK OF DEALERSHIPS.
- FIELD DIAGNOSTIC VEHICLE FOR IMMEDIATE ON-SITE RESOLUTION.
- COMPLETE RANGE OF GENUINE SPARE PARTS & LUBRICANTS.



80+ DEALERS



200+ SERVICE & TOUCHPOINTS



Toll Free No.:
1800-180-4488

(Timings: 9:00 am - 5:30 pm, Monday to Saturday)

Escorts Kubota Limited - Construction Equipment
Plot no. 219, Sector-58, Ballabhgarh-121004, Faridabad, Haryana (INDIA)
Website: www.escortskubota.com | WhatsApp: +91 7303844233
Email: ekl_g.ece.marketing@escortskubota.com



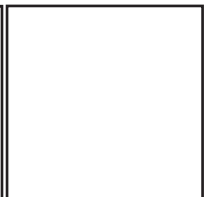
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Authorised Dealer

• The information contained in this leaflet is intended to be of a general • We reserve the right to changed specification with notice. • All Dimensions and weights are variable within +/-5%

Accessories as shown in the picture may not be part of standard fitment and are subjected to change without prior notice

MKT/25.05/F15 55XT