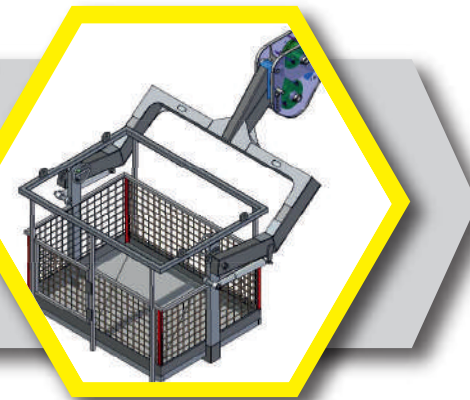


ACCESSORIES

MAN CARRYING BASKET

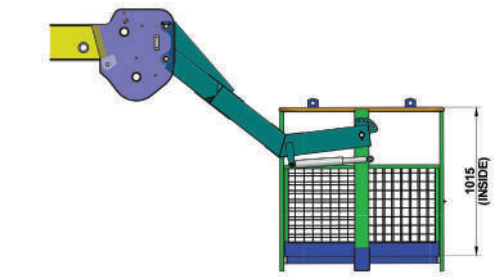
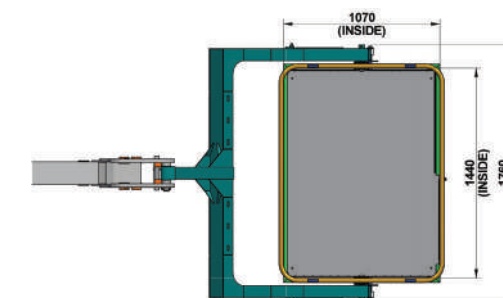
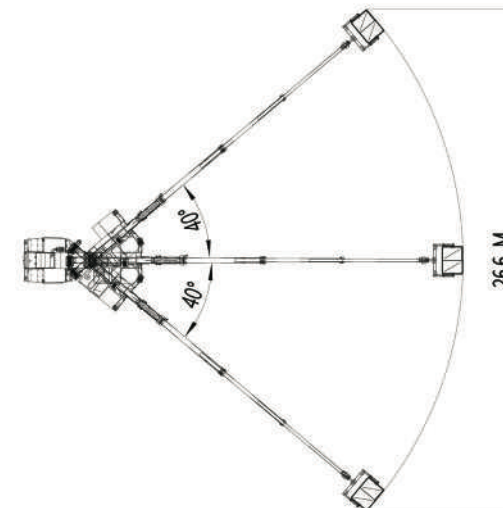
ATTACHMENT SPECIFICATION		
ATTACHMENT WEIGHT	KG	240
MAX. CAPACITY	KG	235
NO. OF PERSONS	N°	2
PLATFORM LENGTH	mm	1440
PLATFORM WIDTH	mm	1070

Intended use
The machine has been designed to lift people and handle small tool, max load 235 kg or 2 persons



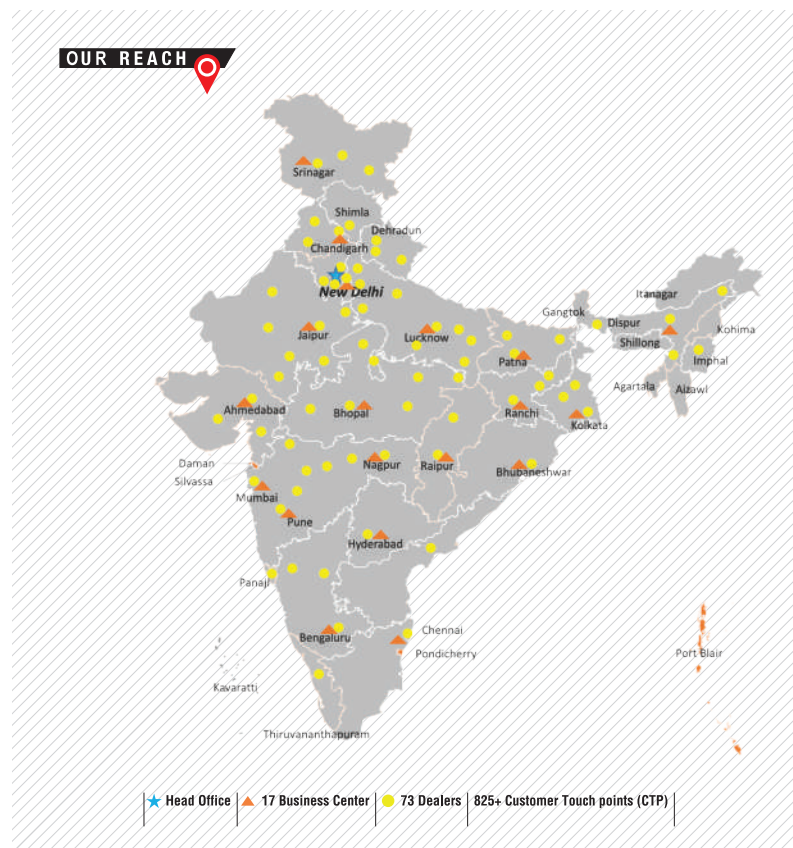
BE CAREFUL!

When in the firm the same machine is to be used by more than one operator, working instructions as well as the use and maintenance manual must be conveyed to all the operators in charge of the machine.



ATTACHMENT DIMENSIONS

F15



Toll Free No.: 1800-180-4488
(Timings: 9.30 am - 6.00 pm, Monday to Friday)

e-mail: ekl_g.ece.marketing@escortskubota.com



Escorts Kubota Limited (Construction Equipment)
Plot No. 219, Sector- 58, Ballabhgarh- 121 004, Faridabad, Haryana (INDIA)
Tel.: 0129-2306574/2306598/2306571
Fax: 0129-2306572 Website: www.escortsgroup.com



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MKT/23.1/F 15

Kubota
Escorts Kubota Limited

ADDRESS:

North Zone

ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT
4th Floor 409, Jasola Vihar,
Elegance Tower, Near Apollo Metro Station,
New Delhi – 110019

East Zone

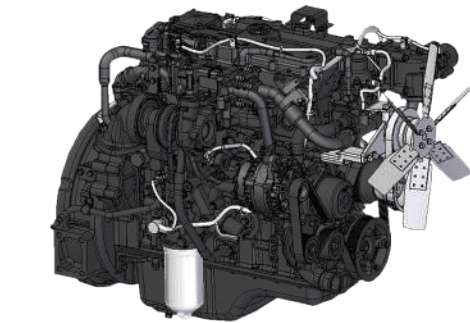
ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT
Eco Centre, Ambuja Neotia,
609, 6th Floor, EM Block,
Salt Lake Sector-V, Kolkata – 700091

West Zone

ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT UNIT 1,
3rd Floor, A-Wing, Times Sqare,
Andheri - Kurla Road, Opp. Mittal Industrial Estate,
Andheri (East), Mumbai – 400059

South Zone

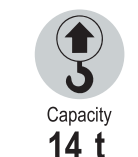
ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT
Subham Square, 1st Floor, S.No.41/9, 1st Main Road,
Karambakkam, Porur, Chennai – 600116.



NOW WITH

VECV-494 BS-IV series engine

COMFORTABLE	LOW PEDAL FORCE
ECONOMICAL	XTRA FUEL SAVING
DURABLE	XTRA CLUTCH LIFE
POWERFUL	47% HIGH BACKUP TORQUE
ADVANCE	500 HRS SERVICE INTERVAL
SAFE	DESIGNED ON 75 % RATED LOAD



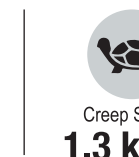
Capacity
14 t



Boom Height
(with fly Jib)
21 m



Structure
High Strength



Creep Speed
1.3 km/h



Turning Radius
Shortest



Speed
49 km/h

Kubota
Escorts Kubota Limited

SPECIFICATIONS

RATED CAPACITY

14 tonne 1.5 m radius
900 kg 15.80 m radius
Max Height 18.20 m
SWL based on 75% Stability & Strength

VEHICLE PERFORMANCE

Speed Max 49 km/h
Creep Speed 1.3 km/h
Gradeability 40% unladen

DRIVE

4 Wheel Drive

ENGINE (BS IV)

Volvo - Eicher make CEV BS IV Diesel Engine, Model E494TCI - High Pressure Common Rail System (HPCR) Technology, Turbo Charged Water Cooled, ECU Control Engine Management System, Developing 74 Kw/101HP @ 2200 RPM or Equivalent Engine.

TRANSMISSION & CLUTCH

Engine is coupled with 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 Pneumatic assisted Hydraulic clutch
Speeds 10 Forward & 2 Reverse with AGB

BRAKES

Service Fully air operated 'S' cam dual circuit brakes on front & rear axles
Parking Air operated, spring actuated, fail safe brakes

AXLES

Front Rigidly mounted
Rear Mounted with two semi-elliptical springs

TYRES

8 nos.-11 x 20-16PR

STEERING

Full power orbitrol with twin hydraulic double acting rams
40° articulation on either side

ELECTRICAL SYSTEM

24 V Negative Earth, 75 AH x 2 Battery

BOOM

4 parts boom, 3 parts hydraulically powered & fully synchronized, 4th part power extended & manually pinned for safety.
Luffing range - 10° to + 65°

HOIST

Hydraulically operated with 4 falls
Built in safety brakes

HYDRAULIC SYSTEM

Main pump of 46 cc/rev
Control Valve - 6 spool double acting with a built in relief & auxiliary valves

DIMENSIONS

Wheel Base 3 950 mm
Overall Length 9 725 mm
Overall Width 2 450 mm
Overall Height 3 215 mm
Front Wheel Track 1 825 mm
Rear Wheel Track 1 825 mm

OPERATING WEIGHT

Front Axle 6 820 kg
Rear Axle 9 200 kg
Total 16 020 kg

TURNING RADIUS

7.2 m

STRUCTURE & STABILITY

Robust high strength light weight chassis
Lower CG position & better stability

STANDARD ACCESSORIES

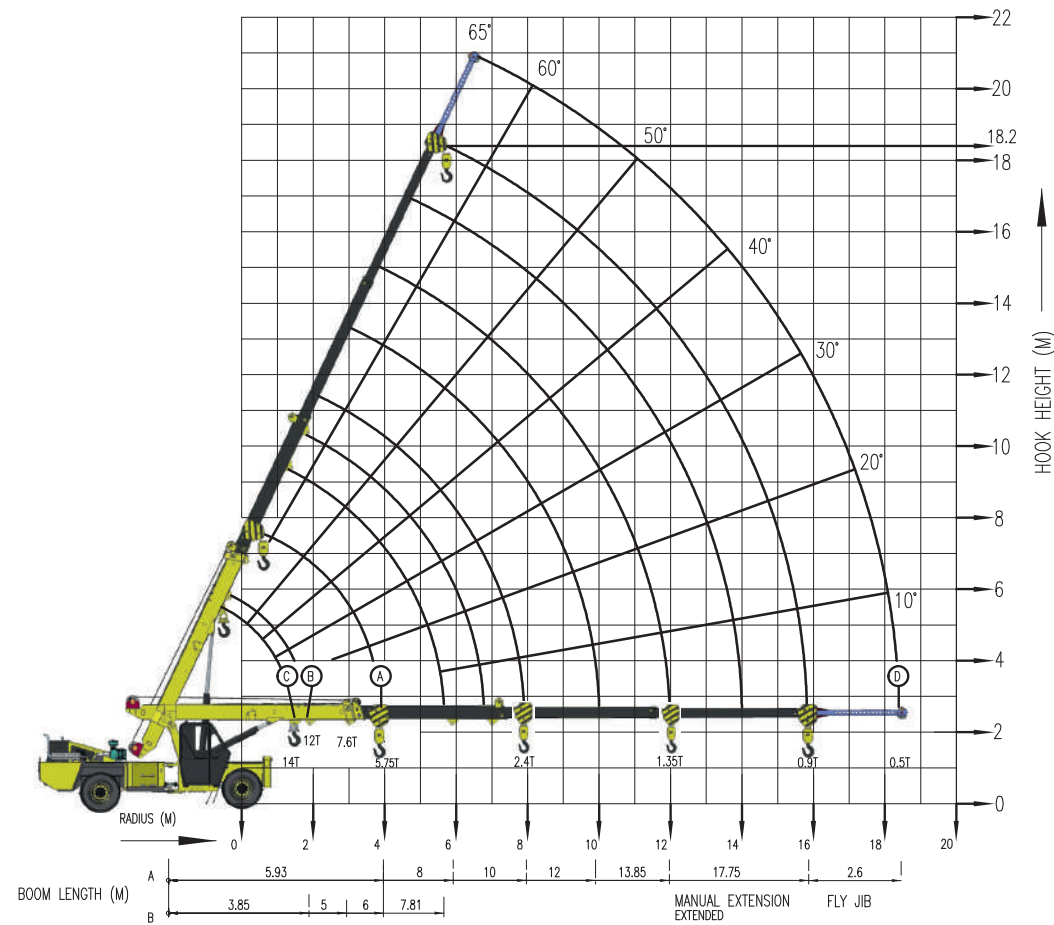
Fly Jib Tyre Guard, battery cut off switch
Outriggers Rear View Camera (Display)

OPTIONAL ACCESSORIES

Rhino Hook SLI with Hydraulic Cutoff
Drag Winch Helper Seat with Platform
Fire Extinguisher Man Carrying Basket
4x2 Wheel Drive Equipment Monitoring System (EMS)

LOAD CHART
F15

SWL BASED ON 75%
STABILITY & STRENGTH



RADIUS (M)	A						MANUAL EXTENSION EXTENDED
	BOOM LENGTH IN METRES – MANUAL EXTENSION RETRACTED						
	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		4400	4760	4000	3460	1680	
6		3600	3525	3475	3100	1575	
7			2900	2900	2750	1475	
8			2400	2478	2400	1400	
9				2130	2080	1320	
10					1775	1250	
11					1550	1180	
12					1350	1135	
13						1110	
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
D FLY JIB(BOOM FULLY EXTENDED)			
			750
			750
			700
			700
			600
			650
			600
			500

C	
14T LUG	
BOOM FULLY RETRACTED	
RADIUS (M)	S.W.L (KG)
1.5	14000

* RADIUS IS THE HORIZONTAL DISTANCE MEASURED FROM THE CENTRE OF FRONT WHEEL TO THE LOAD POINT
* S.W.L. ARE BASED ON 75% 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 KM/PH.
* BOOM HEAD MOUNTED RHINO HOOK CAPACITY-6000 Kg
Rated loads are calculated for operation on leveled surface.

F15

FEATURES



HYDRAULIC CLUTCH

Low effort hydro pneumatic clutch to reduce operator fatigue.



ECU EMS SYSTEM

ECU EMS - Electronic Control Unit for Engine Management System for Engine diagnosis and troubleshoot.



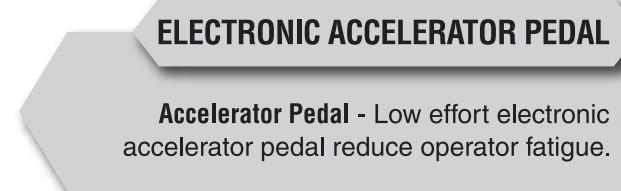
HPCR SYSTEM

HPCR - High Pressure Common Rail System - HPCR provide cleaner exhaust, deliver more horsepower and fuel efficiency per displacement.



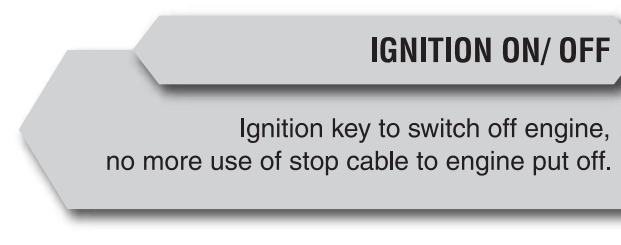
CLUSTER

Single Digital Cluster with all gauges, fault code detection for engine system, date and time display feature, less number of wiring harness.



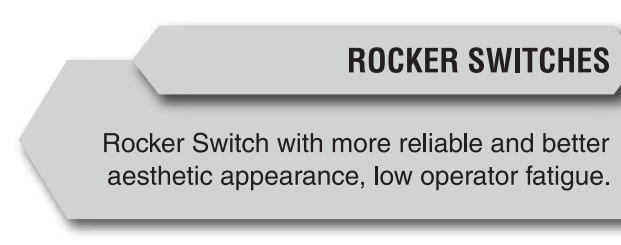
ELECTRONIC ACCELERATOR PEDAL

Accelerator Pedal - Low effort electronic accelerator pedal reduce operator fatigue.



IGNITION ON/ OFF

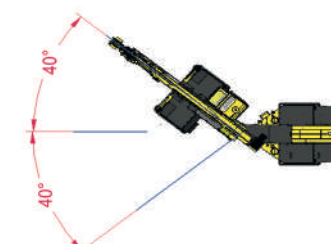
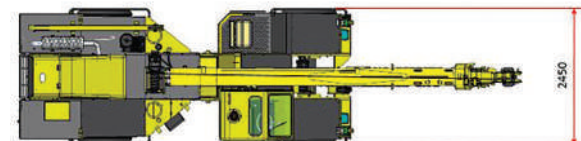
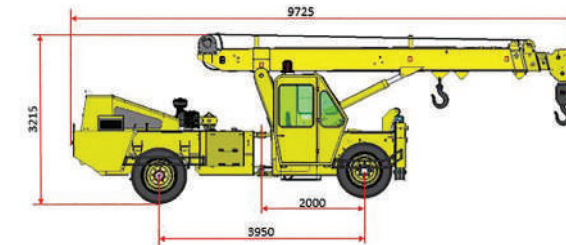
Ignition key to switch off engine, no more use of stop cable to engine put off.



ROCKER SWITCHES

Rocker Switch with more reliable and better aesthetic appearance, low operator fatigue.

F15: DIMENSIONS (Ref.) & AREA OF OPERATION



F 15

