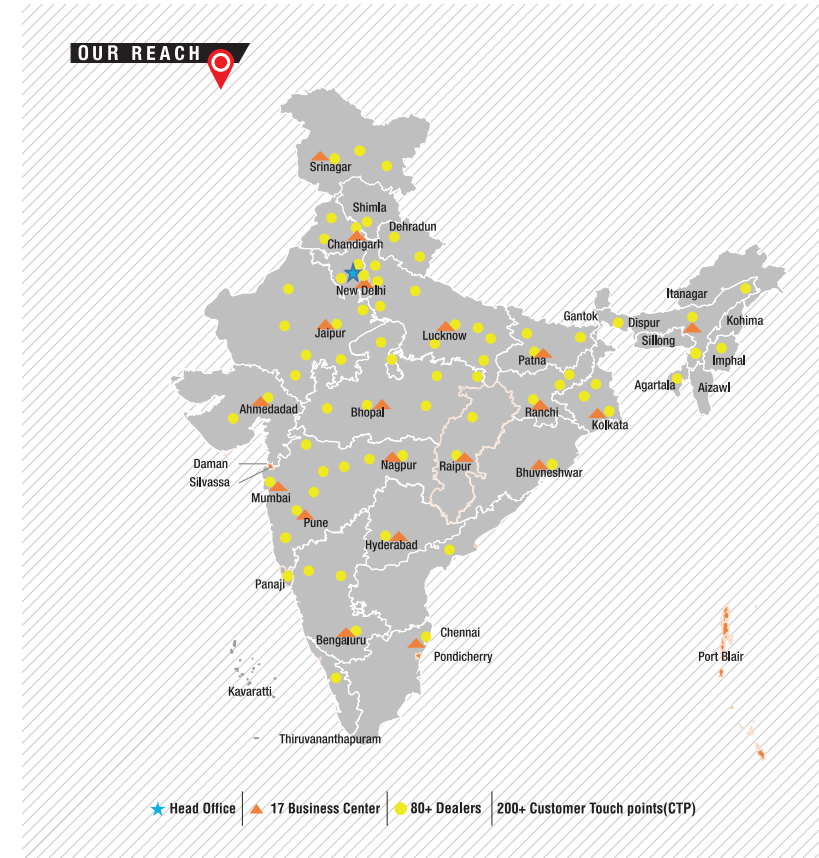


# BLX75



**ADDRESS:**

**North Zone**  
**ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT**  
 4<sup>th</sup> Floor, 403, DLF Tower B, Jasola Apollo,  
 New Delhi – 110025

**East Zone**  
**ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT**  
 Eco Centre, Ambuja Neotia,  
 609, 6<sup>th</sup> Floor, EM Block,  
 Salt Lake City Sector-V, Kolkata – 700091

**West Zone**  
**ESCORTS KUBOTA LTD. - CONSTRUCTION EQUIPMENT UNIT 1,**  
 3<sup>rd</sup> Floor, A-Wing, Times Square,  
 Andheri - Kurla Road, Opp. Mittal Industrial Estate,  
 Andheri (East), Mumbai – 400059

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



**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- 121 004, Faridabad, Haryana (INDIA)  
 Tel.: 0129-2306574/2306598/2306571  
 Fax: 0129-2306572 Website: www.escortskubota.com  
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MKT/24.12/BLX75

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

## WHEN YOU NEED XTRA **BLX75**

**6 PILLAR CABIN**  
**MORE SPACE & VISIBILITY**

### Xcellent

- Performance
- Safety
- Comfort
- Durability



  
 Fuel  
**Efficient**

  
 Reach  
**Higher**

  
 Breakout Force  
**Higher**

  
 Visibility  
**Higher**

  
 Cycle Time  
**Fast**

\*The information contained in this leaflet is intended to be of a general nature only. \*We reserve the right to change specifications without notice. \* All dimensions and weights are variable within +/-5%.

## SPECIFICATION

# BLX75

### ENGINE

- Proven, powerful and fuel efficient Escorts Kubota E4.3468 water cooled turbo charged diesel engine.
- Gross power: 55 kw (75 HP) at 2000 RPM
- Max Torque (Gross): 350 Nm at 1400 RPM
- CEV -V emission norms

### HYDRAULICS

- Hydraulic pump - Tandem Gear Pump
- Maximum flow (both pumps) 116 lpm at 2000 RPM
- System main relief setting 225 bar
- Fixed flow, open centre two pump unloading energy efficient hydraulic system.

### TRANSMISSION

- Four speed (4F, 4R gear) Syncro shift reversing shuttle transmission provides superior traction, gradeability higher force while entering pile or during dozing operation.
- Neutral start provision prevents starting when shuttle is engaged.
- Gear lever with transmission disconnect switch adds to the overall ease of gear shifting.

### WEIGHT

- 2WD : 7550 Kg
- 4WD : 7700 Kg

### TRAVEL SPEED

- |                        | F \ R gear                  |
|------------------------|-----------------------------|
| • 1 <sup>st</sup> Gear | 5.3 km/h / 4.6 km/h         |
| • 2 <sup>nd</sup> Gear | 8.5 km/h / 7.0 km/h         |
| • 3 <sup>rd</sup> Gear | 18.2 km/h / Not recommended |
| • 4 <sup>th</sup> Gear | 36.0 km/h / Not recommended |

### BRAKES

- Service Brakes: Hydraulically actuated dual line, self adjusting, oil immersed, multi disc type on rear axle
- Parking Brakes: Hand-operated caliper disc brakes

### AXLES

- 2WD : Front steer axle with 16° oscillation for maximum ground contact in undulated condition
- 4WD : Front drive and steer axle with 12° oscillation for maximum ground contact in undulated condition
- Rear drive axle, rigidly mounted to chassis

### STEERING

- Hydrostatic power steering in front wheel
- Hydraulic supply from pump via priority valve for quick response steering
- Working pressure: 120 bar

### TYRES

- Front : 2 WD 9.00 x 16 – 16 PR  
4 WD 12.5 x 18 – 12 PR
- Rear : 16.9 x 28 – 12 PR IDT

### SERVICE REFILL CAPACITIES

- |                        |      |     |
|------------------------|------|-----|
| • Hydraulic system oil | 138  | ltr |
| • Fuel tank            | 134  | ltr |
| • Engine coolant       | 10   | ltr |
| • Engine oil           | 11   | ltr |
| • Transmission oil     | 17.5 | ltr |
| • Rear axle oil        | 17.5 | ltr |
| • Brake reservoir oil  | 1.5  | ltr |

### EQUIPMENT MONITORING SYSTEM

GPS + GSM based equipment monitoring system is a standard fitment and provides SMS alerts for effective equipment management and acts as a diagnostic tool

### WARNING MESSAGE-SMS, MAIL, ONLINE

- Engine Oil Pressure
- Battery Charging Status
- Engine Coolant Temperature
- Hydraulic Oil Temperature
- Transmission Oil Temperature
- Machine Idle Information
- Fuel Level Information

### OPTIONAL ATTACHMENTS

- Heavy Duty Rear Tyres: 14x25-20 PR
- Rock Breaker
- Trenching Buckets - 0.09 m<sup>3</sup>, 0.12 m<sup>3</sup>, 0.18 m<sup>3</sup>
- Special Purpose Bucket - 0.30 m<sup>3</sup>
- Coal Bucket - 1.5 m<sup>3</sup>
- Multi Purpose (6-in-1) Bucket
- 300 mm Trench Bucket (Optical Fibre Cable Laying Application)

### ELECTRICAL

- 12V Electrical Sytem supported by 150AH maintenance free battery, 90 Amp alternator & safety controller starter motor to avoid over cranking
- Outrigger engagement warning for the safety of equipment
- FM radio & music system

### LOADER PERFORMANCE (Figure 1)

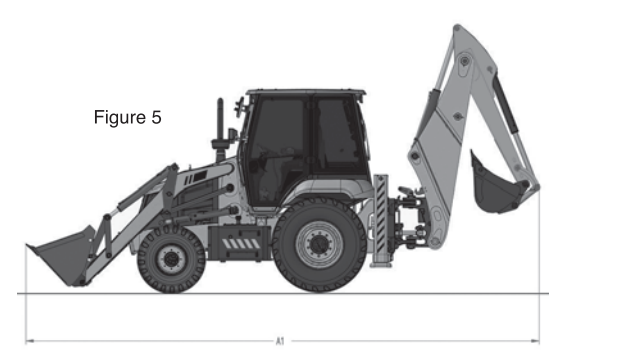
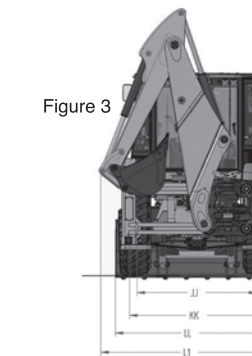
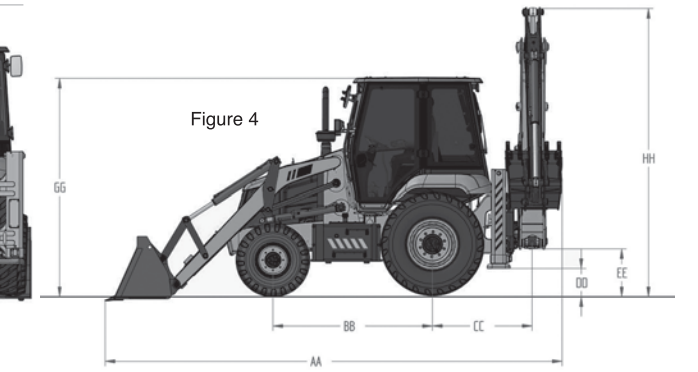
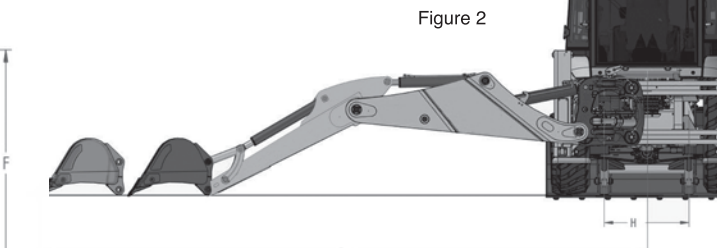
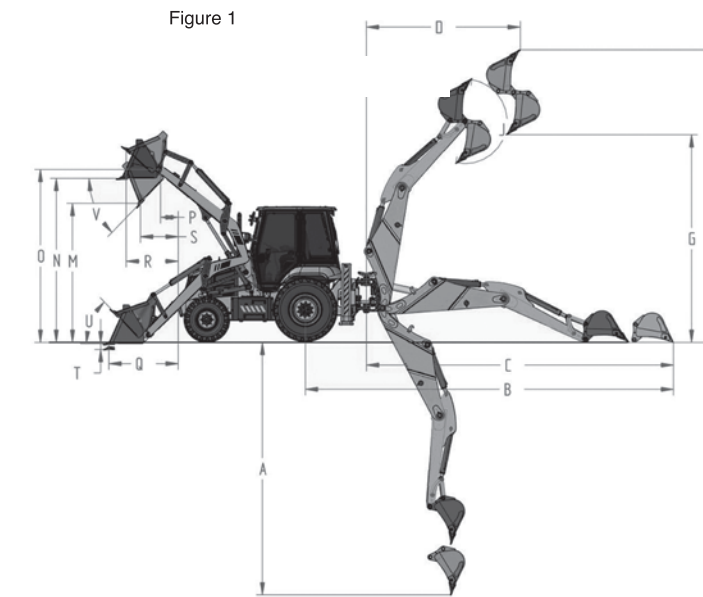
M : Dump height (Cutting edge)	2.80	m
N : Load over height (Cutting edge)	3.45	m
O : Pin height (Cutting edge)	3.60	m
P : Pin forward reach	0.30	m
Q : Reach at ground	1.50	m
R : Max reach at full height	1.30	m
S : Reach at full height-Bucket dumped	0.80	m
T : Below ground level dig depth	0.09	m
U : Rollback at ground	46	deg
V : Dump angle	42	deg
Bucket breakout force	6450	kgf
Loader arm breakout force	5350	kgf
Payload	1880	kg
Return to Dig	Optimal	
Sell Leveling	Available	
Loader Bucket Capacity	1.1	m <sup>3</sup>

### EXCAVATOR PERFORMANCE (Figure 1 & 2)

A : Max dig depth (bucket in dump position)	4.70	m
B : Reach ground level to rear wheel center	6.90	m
C : Reach ground level to slew center	5.50	m
D : Reach at full height to slew center	1.85	m
E : Side reach to center line of machine	6.00	m
F : Max working height (Stab's fully out)	5.96	m
G : Max load over height (Stab's fully out)	4.28	m
H : King post travel	1.05	m
J : Bucket rotation power	187	deg
Bucket tear out force	5850	kgf
Dipper tear out force	3200	kgf
Lift capacity to bucket pivot at full reach (SAE J31)	1554	kgf
Co-oxial Carriage		
Excavator Bucket capacity	0.26	m <sup>3</sup>

### STATIC DIMENSIONS (Figure 3, 4 & 5)

AA : Overall length (transport mode)	6.20	m
AI : Overall length (travel mode)	7.70	m
BB : Wheel base	2.15	m
CC : Rear wheel to slew center	1.40	m
DD : Minimum ground clearance	0.36	m
EE : Slew ground clearance	0.59	m
GG : Height to top of cab	2.85	m
HH : Overall height	3.70	m
JJ : Track width - Rear	1.80	m
KK : Track width - Front	1.86	m
LL : Width over bucket	2.37	m
LI : Width (transport mode)	2.45	m



### NOTE

All dimensions, weights, timings mentioned are with standard tyres. Dipper, buckets are variable within ± 5% EKL has the right to change values given & design shown without giving a notification.

Technical modification reserved. All dimensions & weights are variable within ± 5% over indicated values.

### NOTE

All dimensions, weights, timings mentioned are with standard tyres. Dipper, buckets are variable within ± 5% EKL has the right to change values given & design shown without giving a notification.