

BACKHOE LOADER
BLX75

 **Kubota**
Escorts Kubota Limited

**Unbeatable Value,
Unmatched Performance**



**CEV
STAGE V**



**Performance
&
Reliability**



**Comfort
&
Ease of Use**



**Safety
&
Serviceability**

WHEN TRUST MEETS TECHNOLOGY



80+ years

Kubota

130+ years

KUBOTA

Leverage the location

- Cost competitiveness
- Development base
- Manufacturing base

Developed over many year

- Engineering
- Manufacturing Excellence
- After Sales Service



ESCORTS Trust collaborated with KUBOTA's Technology

- India's Leading Engineering Group
- Diversified Businesses serving India's Core Sectors Agri Machineries, Construction Equipments, Railways Equipments, Engine
- Ambitious Overall Growth Plan, including Construction Equipment sector
- Leading position in crane market
- Globally diversified business Agri Machineries Construction Equipments, Engine
- Present in more than 130 countries
- No. 1 position in Mini Excavators for last 20 years

"Collaboration Initiation" brand to increase a presence in BHL market

India-focused:

Designed specifically for domestic earthmoving needs.

Performance-driven:

Built for versatility, durability, and productivity.

Strategic:

Reinforces EKL's commitment to localized innovation and brand identity in the construction segment.

KUBOTA NEW-GENERATION BACKHOE LOADER

The BLX75 is built to get the job done quickly, easily, and efficiently

- Built for comfort, with a new, high-visibility cabin.
- Built for safe and simple operation with new ergonomics control system
- Built for energy efficiency, with Escorts Kubota, brand new CEV Stage V, 75 HP engine.

Unbeatable Value, Unmatched Performance



Fuel Efficient

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



Power-Packed Performance

High-torque engine and advanced hydraulics deliver superior lifting and loading efficiency.



Superior Operator Comfort

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



Enhanced Visibility for Maximum Control

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



Unmatched Durability & Strength

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



Ultimate Safety & Stability

Equipped with reinforced structure, Seat belts and ROPS/ FOPS Cabin for secure operations

Unmatched PERFORMANCE & RELIABILITY



Unmatched Engine Reliability

- Perfected for last 50 years with 15 lacs engines running successfully
- Next Gen Escorts Kubota, 55 kW (75 HP), CEV Stage V engine, with peak torque of 350 Nm
- Elliptical air filter with integrated pre cleaner
- 3- stage robust fuel filtration for more uptime
- Wider core radiator supports up to 50°C

Successfully
15 Lacs
Engine Running

Perfected for last
50 Years



Unmatched Travel Performance

- Bigger front axle hub bearing for superior durability
- Better weight distribution for smooth ride
- Bigger engine oil sump for gradeability up to 30°
- Compact transport width for safe & easy maneuverability
- Superior turning radius of 4.4 m (outside bucket-braked)



Unmatched Backhoe Performance

Best in Class **27%*** **Higher Backhoe Productivity**

- New trapezoidal backhoe boom for more excavation visibility
- Heavy- duty external dipper wear plates & hard-faced bucket
- 3-point link bucket with 186° rotation for faster crowding
- Increased side shift travel for higher working reach

Unmatched Loader Performance & Durability

6%* **Higher Loader Productivity**

- 48° Loader bucket rollback angle for more fill per cycle



- New H section loader arm design for more durability & better aesthetics
- Wider loader arm torsional box for durability
- Dump height of 2.8 m



Unmatched Backhoe Reliability

- Heavy duty king post & carriage for durability
- Improved Hose routing to Enhance Life
- Newly designed boom nose & bearing for durability
- Hardened & wider KPC bushes for higher service life



* when compared to outgoing EKL model

Unmatched COMFORT, SAFETY & EASE OF USE



Steering Comfort

- Tiltable steering for extra comfort
- Equal turns steering with reduced effort




Operating Ergonomics

- New ergonomic round loader & gear knobs
- Transmission & loader dump switch controls on lever



Safe, Silent & High Visibility Cabin



- Widest rear window for excellent visibility 
- New trapezoidal backhoe boom for more excavation visibility
- LED cabin lights for extra night visibility
- Horn switches on backhoe levers



- 6 Pillar ROPS/ FOPS cabin for more safety & visibility
- Superior sealing provides silent & waterproof cabin
- IP67 electrical connectors for higher water resistance
- 4 external view mirror for extra visibility 
- Dual arm wiper for more coverage



Ease of Use


- Bigger toolbox for operator ease of use
- Split seat to accommodate 3 helpers



Digital Cluster

- Digital instrument cluster (CAN* based) with audio visual alerts to reduce machine downtime
- Illuminated rocker switches on the dashboard



- Superior loader bucket visibility from operator seat for maximum loader productivity
- Ergonomically designed spacious cabin 
- Comfortable air suspension seat with seat belt, arm rest

Unmatched SERVICEABILITY

- 2 piece opening hood for ease of service
 - Smaller one for easy access to daily check points
 - Bigger one for only scheduled maintenance
- Aesthetically appealing and no need to unnecessarily lift the bigger hood for daily checks
- Serviceability upgraded with better accessibility to key machine components



Telematics

- Fleet management
- Asset tracking & recovery
- Maintenance & downtime reduction



Air Filter

Elliptical air filter with integrated pre-cleaner



Fuel Primary & Secondary Filter

Easy accessibility for regular maintenance



Engine Oil Filter & Dipstick

Dedicated cutout in engine side panel for easy access to daily checkpoints

Radiator & Oil Cooler

Wider core radiator for efficient cooling upto 50° C with easy accessibility.



*CAN - Controller Area Network
* when compared to outgoing EKL model



LOADER GENERAL DIMENSIONS

M - Dump height	2.80 m
N - Load over height	3.45 m
O - Hinge pin height	3.60 m
P - Hinge pin forward reach	0.25 m
Q - Reach at ground	1.42 m
R - Max. reach at full height	1.21 m
S - Max. reach at full height-bucket dumped	0.80 m
T - Below ground level-dig depth	0.09 m
U - Rollback at ground	48°
V - Dump angle	42°
Loader bucket capacity std.	1.1 m³
Loader bucket breakout force	6 250 kgf
Loader arm breakout force	5 350 kgf
Max. payload	1 800 kg



OVERALL DIMENSIONS AND WEIGHTS

Max operating weight	7 850 (2WD) kg 7 965 (4WD) kg
AA - Overall length (Transport mode)	6.09 m
BB - Wheelbase	2.14 m
CC - Rear wheel to slew centre	1.30 m
DD - Minimum ground clearance	0.31 m
EE - Slew ground clearance	0.55 m
GG - Height to top of cabin	2.88 m
HH - Overall height	3.55 m
JJ - Track width - Rear	1.75 m
KK - Track width - Front	1.86 m
LL - Width over bucket	2.38 m
ZZ - Track width (transport mode)	2.38 m
Gradeability	30 %

HYDRAULIC SYSTEM

Pump / System type	Gear Pump / Open Center
Hydraulic type	Fixed displacement
Pump flow	116 lpm
System relief pressure	225 bar
Control Valve	Sectional (Sandwich type)

STANDARD FEATURES

ROPS & FOPS

Stabilizer engaged safety alarm
Rear halogen work lamp
Cabin fan
Seat belt
Battery cutoff switch
Neutral start safety switch
Telematics

OPTIONAL FEATURES

Special purpose buckets
0.09, 0.12, 0.18, 0.30 m³
Loader bucket - Coal handling 1.5m³
Multi purpose (6-in-1) bucket
Rock breaker circuit
4 Wheel drive
Cold start kit
Front tyres with 45.72 cm (18 inch) fender
HD tyres (14x25-12PR)

BACKHOE GENERAL DIMENSIONS

A - Max. dig depth (Bucket in dump position)	4.77 m
B - Reach ground level to rear wheel center	6.80 m
C - Reach ground level to swing center	5.50 m
D - Reach at full height to slew center	2.58 m
E - Side reach to center line of machine	6.00 m
F - Max. working height (Stab's fully out)	6.05 m
G - Max. load over height (Stab's fully out)	4.30 m
H - King post travel	1.05 m
J - Bucket rotation - Power	187°
Bucket breakout force	5 850 kgf
Dipper tear out force	3 200 kgf
Backhoe bucket capacity	0.26 m³

BRAKES

Service

Hydraulic actuated dual line, self adjusting, oil immersed, multi disc type on rear axle

Parking

Hand operated disc brake on rear axle yoke

POWERTRAIN

Transmission type	Power shuttle synchromesh
Transmission make	Carraro
Rear axle	Carraro
Front axle	EKL (2WD), Carraro (4WD)
Axle oscillation	16° - 2WD, 12° - 4WD

ELECTRICAL SYSTEM

Battery	12 V, 180 Ah
Battery cutoff switch	Standard

ENGINE

Brand	Escorts Kubota
Model	E4.368
Cylinders	4
Displacement	3.68 l
Air intake	Turbocharged Intercooled
Fuel injection	Electronic, CRDI
Emission level	CEV Stage-V
Max. gross power (hp)	55 kW (75 HP) @ 2 000 rpm
Max. gross torque (Nm)	350 Nm @ 1 400 rpm
After treatment	DOC + DPF

STEERING

Steering type	Power
System pressure	150 bar
Turning radius outside wheels-Braked	3.1 m
Turning radius outside wheels-Not braked	4.3 m

TYRE & TRAVEL SPEED

2WD Front SD tyre	9 x 16 -16 PR
Rear SD tyre	16.9 x 28 -12 PR
Optional 4WD front SD tyre	12.5 x 18 -12 PR
Optional Rear HD tyre	14 x 25 -20 PR
Forward (1st/2nd/3rd/4th)	5.3/ 8.5/ 18.5/ 36.6 km/h
Reverse (1st/2nd/3rd/4th)	4.6/ 7.0/ NR/ NR km/h

SERVICE CAPACITIES

Hydraulic oil - System/ service	125/ 90 l
Fuel tank	134 l
Engine oil	11 l
Rear axle	17.5 l
Transmission oil capacity	17.5 l
Brake reservoir oil	1.5 l
Coolant	10 l



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.eca.marketing@escortskubota.com



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