

Kubota



KUBOTA DIESEL TRACTOR

BX

BX1870/BX2370 BX2670/BX25D

Improved comfort and operability make the new sub-compact BX70 Series the best choice for all your jobs around the house and garden.





From the most routine garden tasks to the most demanding, the BX-Series has you covered for

From mowing the lawn to a complete landscaping makeover, nothing beats Kubota BX tractors for getting the job done. Introduced in 1999, Kubota BX sub-compact tractors have been a market leader. They have the power and versatility for digging, hauling, plowing, and all the other tasks around the yard. Moreover, their compact size

makes them easy to handle and store. Comfort and operability—hallmarks of the BX-Series—have been enhanced to reduce operator fatigue and increase operator satisfaction. The BX25D is equipped with backhoe and front loader as standard equipment, making it the versatile choice for those special tasks.



BX1870 photo is not shown above

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KUBOTA SUB-COMPACT DIESEL TRACTOR SERIES
BX1870/BX2370/BX2670/BX25D

Power and versatility in a compact, highly maneuverable and durable tractor.

Got a tough job? Get a tough tractor. The BX-Series sub-compact tractors have the power and versatility to tackle any yard and garden project. A powerful and efficient 3-cylinder diesel engine and 4WD provide the traction—and confidence—you need to haul, climb, and pull your way through the job. A 3-point hitch and front control valve provide versatility by letting you quickly attach a wide range of front and rear implements.

COMPACT BODY

With an overall length similar to a standard garden tractor, the BX-Series tractors are easy to drive and can work smoothly even in tight spaces. The BX-Series' compact size also means they're gentle to the turf. But don't be fooled by their compact dimensions—these tractors are powerful and capable of handling a wide range of garden and yard needs.



PERFORMANCE-MATCHED KUBOTA DIESEL ENGINES

The BX1870/BX2370/BX2670/BX25D are powered by rugged engines built by Kubota exclusively for the BX-Series. The BX1870 and BX2370/BX25D come with 18- and 23-horsepower diesel engines, while the BX2670 packs a new 25.5-horsepower diesel engine under the hood. All three engines are 3-cylinder workhorses that offer power unparalleled for tractors this size... more than enough muscle for all your gardening and mowing jobs.

DIESEL VS. GASOLINE

Compared to gasoline engines, Kubota diesel engines offer far greater torque for more power, so they're less likely to slow down or stall under load when compared to gasoline engines. Diesel engines also boast far lower fuel consumption—up to 30% lower and require far less maintenance.



1. EASY TO READ METER PANEL

A new control panel design enhances operability by placing all vital indicators on a single, easy to read panel. The new panel features a coolant tachometer on the left and an LCD display for fuel level and coolant temperature on the right. Warning indicators for battery, headlights, turn signal, and low fuel are in the middle. With just a single glance, you get a complete picture of your tractor's functions.

2. NEW STEERING WHEEL POSITION

The steering wheel on all BX-Series tractors has been repositioned to provide any operator with better steering control and greater comfort.



1 3
2 4

3. CRUISE CONTROL

Cruise control automatically maintains a constant speed, letting you take your foot off the forward pedal. It's the easy way to mow large areas or travel long distances. (Optional on BX1870)

4. FOLDABLE ROPS

Now standard across all BX-Series models, this ROPS meets SAE specifications and provides for safe and efficient operation. It also easily folds down without tools, allowing the tractor to pass under low-hanging obstructions. It also makes for easier storage of the tractor in a garage or shed.



(Note: Kubota recommends that the ROPS be in the up position during most operations.)



DELUXE LEVER GUIDE

The BX-Series tractors feature a large angled lever guides, for hassle-free shifting, fast control lever recognition and easy operation.

12V DC OUTLET

Charge your smart phone or cell phone with the built-in 12-Volt socket.

2-PEDAL HST OPERATION

HST offers fast and smooth forward and reverse speed and direction changes via twin foot pedals that leave your hands free for steering and implement control.

HYDRAULIC POWER STEERING

A standard feature on all BX-Series tractors, hydraulic power steering offers effortless control, thereby reducing operator stress and fatigue.

6

MID MOUNT MOWER

Choose between two mower deck types to match your desired cut and finish.

FINE CUT DECK *FineCut*

For finer cutting jobs and more beautiful end results, the Fine Cut Deck is exactly what you're looking for. Kubota's baffle structure allows the grass trimmings to be cut more finely, giving you a more professional finish. Our Fine Cut Deck also offers excellent performance with our optional mulching kit.



STANDARD DECK

This 3-blade mower offers a wide cutting area, allowing you to cut more grass in a single pass. Choose a 48"/54" deck for the BX1870 or a 54"/60" deck for the BX2370/BX2670/BX25D.



HIGH CLEARANCE

With 6 inches of clearance – more than any other tractor in their class – the BX-Series tractors easily travel over uneven ground and raised obstacles.

MOWING-HEIGHT ADJUSTMENT DIAL

A simple twist of the dial adjusts the mower height in 1/4" increments to your desired cutting level.

DURABLE SHAFT DRIVE

The BX-Series' shaft drive delivers power smoothly from the mid-PTO to the mid-mount mower. Unlike belt drives, there is no slippage and maintenance is minimal.

EASY ATTACH/DETACH

Implements such as the loader or mower can be attached and detached quickly and easily—saving you time and effort.

FRONT IMPLEMENT 4-POSITION CONTROL VALVE

Also standard on the BX25D, Kubota's front 4-position valve lets you quickly and easily attach the front loader and other front-mounted implements. The valve is tucked out of the way to maintain the BX25D's clean and sleek look.



A. KUBOTA ORIGINAL QUICK HITCH (Optional)

Front and rear implements are a snap to attach and remove, thanks to Kubota's unique Quick Hitch system.

B. FRONT LOADER ATTACHMENTS (Optional)

Optional loader attachments include pallet fork and front blade, giving the BX25D even greater versatility.



PALLET FORK (Optional)



SNOW BLADE (Optional)

A compact backhoe that's big on comfort and performance

Boosting a purpose-built, spacious, comfortable operator station, the BX25D is designed for serious digging. The backhoe itself features a curved boom, ample legroom, 20° angle of departure, superior protection for the hydraulic hoses, an easy attach/detach system and wide sight lines. It's the perfect tool for everyday tasks as well as tough jobs.

CURVED BOOM

A curved boom not only allows you to dig deeper, it keeps the boom from contacting the edges of the excavation area. It also increases the lifting height.

A. BOOM AND SWING CYLINDER CUSHION VALVES

Standard on the BX25D, an integrated cushion valve ensures smooth movement both horizontally and vertically, minimizing the shock that's transmitted to the operator when the backhoe arm hits its range limits.



WIDE VIEW

Tucking the hydraulic hoses inside the backhoe boom provides two great benefits—protection for the hoses and greater visibility for the operator.



MECHANICAL THUMB (Optional)

A positionable mechanical thumb gives the BX25D the ability to grasp and move logs, landscaping materials, and other items with ease, greatly expanding the types of jobs you can do around your property.

1. VERSATILE CATEGORY I 3-POINT HITCH

The BX-Series all feature a sturdy, hydraulically controlled Category I 3-point hitch that allows you to attach a wide array of rear implements.

2. FRONT IMPLEMENT 4-POSITION CONTROL VALVE

A front 4-position valve lets you quickly and easily attach a front loader and other front-mounted implements. The valve is easy to access but won't obstruct operations or impair the tractor's clean and sleek look. (Tractor can be ordered without valve.)

METAL HOOD / FENDERS

Strong and durable, the BX-Series' metal hood and fenders resist dings and dents, ensuring that your BX tractor continues to look good.

A



1



2



GROUND CLEARANCE

The BX-Series provides plenty of ground clearance—9.0 inches for the BX1870, 8.7 inches for the BX2370/BX267D/BX25D—to get you over rocks and other objects in your path.

A. TWIN WORKLIGHTS (Optional)

Mounted on the ROPS within easy reach from the seat, two optional twin work lights add more light to brighten and widen the work area illuminated by the two headlights. The work lights can be easily reversed to illuminate rear implement work.

B. QUARTER-INCHING VALVE

With increments of one quarter inch at the lower link end, Kubota's quarter-inching valve provides easier implement control. The lever guide's regulator allows smaller adjustments, which are often required when attaching/detaching 3-point mounted implements or performing delicate jobs.

C. BRIGHT HALOGEN HEADLIGHTS

The halogen headlights of the BX-Series provide clear, bright illumination when working and traveling at night.

D. 4WD

Kubota's BX-Series' rugged and sturdy 4-wheel drive (4WD) provides powerful traction for heavy-duty front-loader work and operating other implements.

REVERSE AIR FLOW

On the BX-Series, the radiator is located in the middle of the tractor rather than at the front. Air is taken in from the operator area and pushed towards the front through the radiator. This reduces overheating, keeps grass from clogging the radiator grill, and prevents hot air from blowing on the operator.



LARGE FUEL TANK

You get more work done when you're not stopping frequently to refuel. The BX-Series' large 6.6 gallon fuel tank ensures that refueling operations don't hinder your work schedule.



Improved operability, comfort, and more spacious from seat to deck

Operability and comfort have been given top priority in the new BX-Series, starting with a new instrument panel layout and redesigned deck layout. A fully-padded deluxe high-back reclining seat with dual adjustable armrests improves operator comfort, as does the repositioned steering wheel. A new foldable ROPS not only allows passage under low-hanging obstacles, but also makes storage a snap.



SPACIOUS OPERATOR AREA

Operator comfort has been enhanced by a new, fully flat deck layout with the brake on the left side, providing more room for the feet. The new design also improves operability.

A. FULLY-FLAT FLOOR & LARGE LEGROOM

B. NEW LEFT-SIDE BRAKE PEDAL

C. HAND RAIL

D. CUP HOLDER

E. 12V DC OUTLET

F. DELUXE LEVER GUIDE

G. TOOL BOX (Optional)

DELUXE HIGH-BACK RECLINING SEAT

BX-Series models* now come equipped with Kubota's deluxe seat with dual armrests to keep the operator comfortable even when the job is difficult. This fully adjustable high-back seat also features a reclining back and soft cushioning to support the back and legs.

(*Except the BX1670)

FRONT LOADER

Bring professional functionality to your BX with this rugged and sleek front loader.

A. KUBOTA-DESIGNED LOADER QUICK HITCH (Optional)

Front Loader-mounted implements are now a snap to attach and remove, thanks to Kubota's unique Quick Hitch system.



B. FRONT LOADER-MOUNTED IMPLEMENTS (Optional)

Optional front attachments include pallet fork and front blade, giving BX-series even greater versatility.

C. FRONT GUARD (Optional)

D. FRONT AXLE CAPACITY

The BX-Series' front axle is built for serious heavy-lifting work, from hauling loaded buckets to moving pallets of materials.



Curved Front Loader Boom

The BX's rounded boom perfectly complements the new overall tractor design. But its benefits don't end there. It also offers greater visibility.



H-SHAPED STAND FOR EASY ATTACH/DETACH

The BX front loader has an H-shaped stand, which makes it easy to attach and detach. This design also provides additional protection for hoses when the stand is folded.

HOSE PROTECTION

The loader hoses are tucked inside the boom for greater protection and better visibility.

BX25D

Loading, mowing, back-hoeing—
whatever the job, the BX25D is ready

Straight out of the box, the BX25D is ready to go to work on any job you have. That's because it comes with a backhoe and front loader as standard equipment. Kubota's unique Quick Hitch makes short work of attaching these and other implements, including the optional pallet fork and snow blade. The BX25D also has a specially reinforced frame that provides the durability, stability, and strength you need for heavy-duty implement work.



FRONT GUARD

A sturdy and distinctive front grill guard protects the front end and matches the tractor's sleek, rounded look.



REVERSIBLE SEAT

When it's time to switch from loading to back-hoeing, simply lift the reversible seat and swivel it to the back. The seat also can be adjusted forward and back for optimum operator comfort.



FOLDABLE ROPS

The BX25D's Rollover Protective Structure (ROPS) quickly folds without tools, letting the BX25D easily pass under low obstructions. It also makes storage in a garage or shed a snap.

(Note: Kubota recommends that the ROPS be in the up position during most operations.)

EASY IMPLEMENT ATTACHMENT/DETACHMENT

4-point mounting systems at both the front and back of the BX25D simplify attaching and detaching the backhoe, front loader, and other implements. No tools required!



BX25 photo shown



20° ANGLE OF DEPARTURE

Sleep inclines pose no problem for the BX25D, thanks to its 20° angle of departure. It also means the tractor can be loaded onto trailers with the backhoe mounted.



PROTECTED HOSES

Tucking the hydraulic hoses inside the backhoe boom helps protect them from damage and the elements, thereby increasing their service life.



LEVER BOOTS

Boots on the bottom parts of the levers help protect the mechanisms from the elements as well as ensure smoother operation and a longer service life.



MORE LEGROOM

Wide steps on each side of the boom controls provide more room—and comfort—for the legs and feet.

IMPLEMENTS

Whatever the job—digging, mowing, and scraping, plowing, tilling, or hauling—there's a BX-Series implement that will get the job done faster and easier. These implements are designed to allow fast, easy attachment and removal, so you can efficiently switch from one job to the next.



GRASS CATCHER

Loader Specifications

Model		LA203A	LA243A
		BX1870	BX2370/BX2670
Max. lift height (to bucket pivot pin)	in. (mm)	71 (1810)	71.3 (1810)
Dumping clearance	in. (mm)	53.1 (1350)	52.4 (1330)
Dumping reach at max. lift height	in. (mm)	28.3 (720)	28.9 (735)
Max. dump angle	degrees	40	45
Reach with bucket on ground	in. (mm)	52.4 (1330)	54.7 (1390)
Bucket rollback angle	degrees	30	29
Digging depth	in. (mm)	3.9 (100)	4.7 (120)
Overall height in carrying position	in. (mm)	38.2 (970)	39.0 (990)
Bucket width	in.	48	48
Lift capacity (500mm fwd., max. height)	lbs. (kg)	408 (185)	518 (235)

Lift capacity (pivot pin, max. height)	lbs. (kg)	613 (278)	745 (338)
Breakout Force (500mm fwd.)	lbs. (N)	882 (3920)	992 (4410)
Raising time to full height w/o load	second	2.8	3.5
Lowering time w/o load	second	2	2.7
Bucket rollback time	second	2.1	2.4
Bucket dumping time	second	1.8	1.7
Rated flow	gpm (l/min)	3.7 (14)	3.7 (14)
Relief valve PSI	psi (kg/cm ²)	1778 (125)	1778 (125)
Lift cylinder bore diameter	in. (mm)	1.57 (40)	1.57 (40)
Tilt cylinder bore diameter	in. (mm)	2.56 (65)	2.56 (65)
Bucket capacity (struck)	m ³ (cu.ft)	0.12 (4.2)	0.14 (4.9)

Industrial tire
(BX2370, BX2670, BX25D only)

Turf tire
(All models)

Bar tire
(BX1870, BX2370, BX2670 only)



SNOW BLOWER

SWEeper



FRONT BLADE

FRONT QUICKHITCH SYSTEM

Mid-Mount Mower Specifications

Model	RCK48-18BX	RCK48P18BX	RCK54-23BX	RCK54P23BX	RCK60B23BX
	BX1870		BX1870/BX2370 BX2670/BX25D	BX2370/BX2670/BX25D	
Type	Side discharge				
Number of blades	3				
Mounting method	Suspended-Linkage				Self Balance
Cutting width	48 (1219)		54 (1372)		60 (1524)
Cutting height	1.0 - 4.0 (25 - 102)				
Adjustment of cutting height	Dial gauge				
Weight	180 (81)	165 (75)	189 (86)	209 (95)	250 (115)

Specifications

Model			BX1670	BX2370	BX2670	BX25D
Engine Type	Liquid-cooled, 3-cylinder diesel					
Model			Kubota D722	Kubota D902	Kubota D1005	Kubota D902
Engine gross HP at 3200 rpm*	HP (kW)		18.0 (13.4)	23.0 (17.2)	25.5 (19.0)	23.0 (17.2)
PTO horsepower at 3200 rpm	HP (kW)		13.7 (10.2)	17.7 (13.2)	19.5 (14.5)	17.7 (13.2)
Displacement	cu.in. (cc)		43.9 (719)	54.8 (898)	61.1 (1001)	54.8 (898)
Fuel tank capacity	gal. (l)				6.6 (25)	
Drive train						
Transmission	HST, High-Low gear shift (2 forward / reverse)					
Drive method	2WD and 4WD selection					
Brakes	Wet disc					
PTO	Live independent, wet hydraulic clutch					
Rear	STD (540rpm)					
Mid	STD (2500rpm)					
Hydraulics						
Pump output	gpm (l/min.)			6.2 (23.5)		
3-point hitch			Category I			Optional
Lift capacity @ 24" behind pin	lbs. (kg)		680 (310)			
Steering	Hydrostatic Power Steering					
Tire size						
Front	Turf/Bar/Industrial		16x7.5-8 / 18x7.5-8 / N.A.	18x8.5-10 / 18x8.5-10 / 18x8.5-10	18x8.5-10 / N.A. / 18x8.5-10	
Rear	Turf/Bar/Industrial		24x12-12 / 24x12-12 / N.A.	26x12-12 / 26x12-12 / 26x12-12	26x12-12 / N.A. / 26x12-12	
Traveling speeds at rated engine rpm (Turf)	Forward	mph (km/h)	0-7.8 (0-12.5)		0-8.4 (0-13.5)	
	Reverse	mph (km/h)	0-5.9 (0-9.5)		0-6.5 (0-10.5)	
Dimensions						
Length with 3-point hitch	in. (mm)		92.1 (2340)		95.5 (2425)	
Width (w/ turf tire)	in. (mm)				44.5 (1130)	
Height with ROPS	in. (mm)		86.2 (2190)		87.2 (2215)	
Wheelbase	in. (mm)		52.8 (1340)		55.1 (1400)	
Ground clearance (front axle)	in. (mm)		9.0 (230)		8.7 (220)	
Tread	Front	in. (mm)	34.6 (880)		36.6 (930)	
	Rear	in. (mm)			32.2 (820)	
Turning radius (w/o brake)	feet (m)		7.2 (2.2)		7.5 (2.3)	
Tractor weight	lbs. (kg)		1345 (610)		1466 (665)	
					1587 (720)	

BX25D** Backhoe Specifications

Model			BT602
Bucket cylinder digging force	lbs. (N)		1936 (8610)
Dipperstick cylinder digging force	lbs. (N)		1171 (5209)
Boom swing mechanism	One cylinder		
Shipping weight (with 12' bucket)	lbs. (kg)		617 (280)
Transport height	in. (mm)		67.7 (1719)
Loading height	ft. (mm)		5' (1533)
Digging depth	ft. (mm)		6'1" (1842)
Swing pivot to rear axle center line	in. (mm)		28.6 (726)
Reach from swing pivot	ft. (mm)		8'7" (2612)
Bucket rotation	degrees		180
Swing arc	degrees		140
Angle of departure	degrees		20.1

*SAE J1995

The company reserves the right to change the above specifications without notice.

This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty and safety information.

For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications.

**The loader and backhoe come standard on the BX25D model.

BX25D** Loader Specifications

Model			LA240A
Max. lift height (to bucket pivot pin)	in. (mm)		71.3 (1810)
Dumping clearance	in. (mm)		52.4 (1330)
Dumping reach at max. lift height	in. (mm)		26.2 (665)
Maximum dump angle	degrees		45
Reach with bucket on ground	in. (mm)		54.7 (1390)
Bucket rollback angle	degrees		29
Digging depth	in. (mm)		4.7 (120)
Bucket width	in.		48
Lift capacity (500mm fwd, max. height)	lbs. (kg)		518 (235)
Lift capacity (pivot pin, max. height)	lbs. (kg)		745 (338)
Breakout force (500mm fwd)	lbs. (N)		992 (4410)
Raising time / lowering time (w/o load)	second		3.5 / 2.7
Bucket rollback time / dumping time	second		2.4 / 1.7

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