

# BX

## BX1870/BX2370 BX2670/BX25D

# SPECIFICATIONS

## Specifications

Model		BX1870	BX2370	BX2670	BX25D
<b>Engine</b>					
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)			
<b>Drive train</b>					
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)			
<b>Hydraulics</b>					
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			
<b>Tire size</b>					
Front	Turf/Bar/Industrial	16x7.5-8 / 16x7.5-8 / 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
<b>Traveling speeds at rated engine rpm (Turf)</b>					
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)	
<b>Dimensions</b>					
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)	1410 (640)	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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## 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)	28.3 (720)
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 <sup>2</sup> )	1778 (125)	1778 (125)
Lift cylinder bore diameter	in.(mm)	2.56 (65)	2.56 (65)
Tilt cylinder bore diameter	in.(mm)	1.57 (40)	1.57 (40)
Bucket capacity (struck)	m <sup>3</sup> (cu.ft)	0.12 (4.2)	0.14 (4.9)

## 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 in.(mm)	48(1219)		54(1372)		60(1524)
Cutting height in.(mm)	1.0–4.0 (25–102)				
Adjustment of cutting height	Dial gauge				
Weight lbs.(kg)	180 (81)	165 (75)	189 (86)	209 (95)	250 (115)