

# Specifications

Model	BX1880		BX2380		BX2680		BX23S	
<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 (17.1)		25.5 (19.0)		23.0 (17.1)	
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	4WD							
Brakes	Wet disc							
PTO	Live independent PTO (with hydraulic clutch)							
Rear	STD (540rpm)							
Mid	STD (2500rpm)							
<b>Hydraulics</b>								
Pump output	gpm (ℓ/min.)	6.2 (23.5)						
3-point hitch	SAE Category I						Optional	
Lift capacity @ 24" behind pin	lbs. (kg)	680 (310)						
Steering	Hydrostatic Power Steering							
<b>Tire size</b>								
Front	Turf/Bar/Industrial	16×7.5-8 / 16×7.5-8 / N.A.			18×8.5-10 / 18×8.5-10 / 18×8.5-10			
Rear	Turf/Bar/Industrial	24×12-12 / 24×12-12 / N.A.			26×12-12 / 26×12-12 / 26×12-12			
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)			
<b>Dimensions</b>								
Length with 3-point hitch	in. (mm)	95.5 (2425)					99.0(2515) w/ Front guard	
Width	in. (mm)	44.1 (1120)			45.1 (1145)			
Height with ROPS	in. (mm)	81.9 (2080)			83.1 (2110)		86.2 (2190)	
Wheelbase	in. (mm)	55.1 (1400)						
Ground clearance (front axle)	in. (mm)	8.3 (210)			8.9 (225)			
Tread	Front	in. (mm)	36.6 (930)					
	Rear	in. (mm)	32.2 (820)					
Turning radius (w/o brake)	feet (m)	7.5 (2.3)						
Tractor weight (w/ROPS)	lbs. (kg)	1336 (606)	1443 (650)		1521 (670)		1570 (712) *2	

## BX23S\*\* Backhoe Specifications

Model	BT603	
Bucket cylinder digging force	lbf. (N)	1936 (8610)
Dipperstick cylinder digging force	lbf. (N)	1171 (5209)
Boom swing mechanism	One cylinder	
Shipping weight (with 12" bucket)	lbs. (kg)	607 (275)
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

\*1SAE J1995 \*2w/ Front guard, w/ control valve assy

\*SAE J1995 \*\*The loader and backhoe come standard on the BX23S model.

## BX23S\*\* Loader Specifications

Model Type	LA340 Pin-on	LA340S Quick attach
Max. lift height (to bucket pivot pin)	in. (mm)	71.0 (1804)
Dumping clearance	in. (mm)	52.1 (1323) / 50.7 (1288)
Dumping reach at max. lift height	in. (mm)	25.4 (646) / 26.7 (677)
Maximum dump angle	degrees	45
Reach with bucket on ground	in. (mm)	54.8 (1392) / 56.6 (1438)
Bucket rollback angle	degrees	29
Digging depth	in. (mm)	4.9 (125) / 4.8 (122)
Bucket width	in. (mm)	48 (1219)
Lift capacity (500mm fwd, max. height)	lbs. (kg)	509 (231) / 423 (192)
Lift capacity (pivot pin, max. height)	lbs. (kg)	739 (335) / 613 (278)
Breakout force (500mm fwd)	lbf. (N)	987 (4389) / 901 (4008)
Raising time / lowering time (w/o load)	second	3.3 / 2.5
Bucket rollback time / dumping time	second	2.3 / 2.7

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