Kubota Tractor BX1880 - BX2680

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COMPETITIVE COMPARISON Kubota Mahindra John Deere Kubota John Deere Mahindra Kubota MODEL BX1880 eMax 22S HST 1023E BX2380 1025B eMax 25S HST BX2680 Kubota Manufacturer Kubota Daedong Yanmar Yanmar Daedong Kubota Diesel Diesel Diesel Diesel Diesel Diesel Diesel Type Gross Engine (*SAE J1995) 23.0 (17.1)* HP (kw 18.0 (13.4) 22 (16.4) 22.4 (16.5) 23.9 (17.8) 24 (17.9) 25.5 (19.0) PTO (*OECD 2) HP (kw) 13.7 (10.2) 14.9 (11.1) 14.5 (10.8) 17.7 (13.2) 18 (13.4) 16.9 (12.6) 19.5 (14.5) 3200 3200 3200 Rated Engine Speed rpm 3000 3200 3000 3200 3 / 43.9 (.719) 3 / 61.5 (1.007) 3 / 60.6 (.993) 3 / 54.8 (.898) 3 / 77.3 (1.267) 3 / 61.5 (1.007) 3 / 61.1 (1.001) Cvlinders/Displacement cu.in. (liters) Engine Torque @ rated speed ft./lb 32.1 N/P 36.3 40 40.7 N/P 44.4 Fuel Tank Cap US Gal. (L 6.6 (25) 5.8 (21.96) 5.6 (21.2) 6.6 (25) 5.6 (21.2) 5.8 (21.96) 6.6 (25) Battery Size (CCA) 560 12V 50AH 500 560 500 12V 50AH 560 Alternator 40 40 40 40 40 (12 volt, amp) 50 50 Std. Transmission; Forward/Reverse Hydrostatic - 2 Range Wet disc Wet disc (left (left Brakes Multi wet disc Wet disc Multi wet disc Wet disc Wet disc hand pedal) hand pedal) Power Power Power Power Power Power Steering Power 1630 (740) N/P 1349 (612) 1630 (740) 1349 (612) N/P 1630 (740) Front, lb. (kg) Axle Capacity N/P N/P 2120 (960) 1576 (715) 2120 (960) 1576 (715) 2120 (960) Rear, lb. (kg) Remote Control Valves Available 2 1 2 2 2 1 2 Limited Category 1 Type Category 1 Category 1 Limited Category 1 Category 1 Category 1 Category 1 680 (310) N/P 680 (310) 681 (309) N/P 680 (310) Lift Capacity (24-in. behind link arms) lb. (kg) 681 (309) 1210 (550) 1320 (599) 1210 (550) N/P 1320 (599) Lift Capacity @ lift links ends 1210 (550) lb. (kg) N/P Rear 540/Mid 2500 Rear 540/Mid 2000 Rear 540/Mid 2100 Rear 540/Mid 2500 Rear 540/Mid 2100 Rear 540/Mid 2000 Rear 540/Mid 2500 Standard Control Independent Independent Independent Independent Independent Independent Independent N/P N/P Clutch Wet hydraulic Wet disc Wet hydraulic Wet disc Wet hydraulic Yes Yes **Rollover Protective Structure** Yes Yes Yes Yes Yes Foldable Rigid- Foldable - Telescopic Foldable Foldable Foldable Foldable Foldable Foldable Platform - Flat/Straddle Flat Straddle One-piece semi flat Flat One-piece semi flat Straddle Flat 55.1 (1400) N/P Wheelbase in. (mm 55.1 (1400) N/P 57.1 (1450) 57.1 (1450) 55.1 (1400) Front Tread 36.6 (930) N/P 36.1 (918) 36.6 (930) 36.1 (918) N/P 36.6 (930) 7.5 (2.3) 7.2 (2.2) 7.4 (2.25) 7.5 (2.3) 7.4 (2.25) 7.2 (2.2) 7.5 (2.3) Turning Radius w/o Brakes ft. (m

Rear

Front

Tractor Weight

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1345 (610)

18x8.5-10 ; R4

26X12-12; R4

1443 (650)

18x8.5-10 ; Turf

26x12.0-12 ; Turf

1444 (665)

18x8.5-10 ; R4

18x8.5-10; R4

1540 (698.5)

20x8.0-10 ; Turf

29x12.5-15 ; Turf

1521 (670)

18x8.5-10 ; Turf

26x12.0-12 ; Turf

1540 (698.5)

20x8.0-10 ; Turf

29x12.5-15 ; Turf

1336 (606)

16x7.5-8 ; Turf

24x12-12 ; Turf

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Kubota Tractor BX1880 - BX2680 Implements

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COMPETITIVE COMPARISON									
MODEL		Kubota BX1880		Kubota BX2380 - BX2680		John Deere 1023E - 1025R		Mahindra	
LOADER		LA344	LA344S	LA344	LA344S	D120	120R	eMax 22S - eMax 25S eMax 25L-S	
	Lift Capacity (Pivot Pin, Max. Height)	lb.	739	613	739	613	825	754	900
	Lift Capacity (500mm Forward Pivot Pin, Max. Height)	lb.	509	423	509	423	570	520	N/P
	Lift Height (Pivot Pin)	in.	70.7		71.0		71.2	72.0	75.3
	Reach at Maximum Height	in.	25.3	26.5	25.4	26.7	22.5	24.7	24.9
	Boom Breakout Force (Pivot Pin)	ft.lb	1407	1286	1407	1286	1808	1823	2000
	Boom Breakout Force (500mm Forward Pivot Pin)	ft.lb	978	901	978	901	1238	1320	N/P
	Digging Depth at Bucket Level	in.	5.3	5.2	4.9	4.8	4.0	3.2	4.1
LOADER	Cycle Times - Loader Raise	sec.	3	.3	3.3		4	3.2	4.4
	Cycle Times - Loader Lower	sec.	2	5	2.5		2.5	3.2	2.5
	Cycle Times - Bucket Dump	sec.	2	7	2.7		5.7	3.1	5.3
	Cycle Times - Bucket Rollback	sec.	2	3	2.3		3.5	2.2	3.8
	Bucket Angle - Dump Angle	degrees	4	45	45		40.1	40.5	38.0
	Bucket Angle - Rollback Angle	degrees	3	30	29		31.2	29.87	20
	Universal 2-Lever Quick Attach Coupler		Optional	Standard	Optional	Standard	N	/A	N/A
	Quick Attach Loader		Standard		Standard		Standard		Standard
	Third Function Valve		Optional		Optional		N/A		N/A
	Factory Pallet Forks		Available		Available		N/A		N/A
VA = Not Available NP = Not Published									

* Non Self Leveling Loader

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Kubota Tractor



COMPETITIVE COMPARISON							
	MODEL		Kubota BX23S	John Deere 1025R - TLB	Mahindra eMax 25S HST TLB		
Engine	Manufacturer		Kubota	Yanmar	Daedong		
	Туре		Diesel	Diesel	Diesel		
	Gross Engine (*SAE J1995)	HP (kw)	23.0 (17.2)*	23.9 (17.8)	24 (17.9)		
	PTO (*OECD 2)	HP (kw)	17.7 (13.2)*	18 (13.4)	16.9 (12.6)		
	Rated Engine Speed	rpm	3200	3200	3000		
	Cylinders/Displacement	cu.in. (liters)	3 / 54.8 (.898)	3 / 77.3 (1.267)	3 / 61.5 (1.007)		
	Engine Torque @ rated speed	ft./lb.	40	40.7	N/P		
	Fuel Tank Cap	US Gal. (L)	6.6 (25)	5.6 (21.2)	5.8 (21.96)		
Electrical	Battery Size	(CCA)	560	500	12V 50AH		
Elect	Alternator	(12 volt, amp)	40	40	50		
	Std. Transmission; Forward/Reverse		Hydrostatic - 2 Range	Hydrostatic - 2 Range	Hydrostatic - 2 Range		
Transmission	Brakes		Wet disc	Wet disc (left hand pedal)	Wet disc		
ansı	Steering		Power	Power	Power		
F	Axle Capacity	Front, lb. (kg) Rear, lb. (kg)	1630 (740) 2120 (960)	1349 (612) 1576 (715)	N/P N/P		
Hydraul ics	Remote Control Valves Available		N/A	N/A	N/P		
t	Туре		Optional	Limited Category 1	Category 1		
3-point Hitch	Lift Capacity (24-in. behind link arms)	lb. (kg)	680 (310)	681 (309)	N/P		
3	Lift Capacity @ lift links ends	lb. (kg)	1210 (550)	N/P	1320 (599)		
#	Standard		Rear 540/Mid 2500	Rear 540/Mid 2100	Rear 540/Mid 2000		
Power Take-Off (PTO)	Control			Independent	Independent		
н н е	Clutch		Wet hydraulic	Wet disc	N/P		
o n	Rollover Protective Structure		Yes	Yes	Yes		
Operator Station	Rigid- Foldable - Telescopic		Foldable	Foldable	Foldable		
do s	Platform - Flat/Straddle		Flat	One-piece semi flat	Straddle		
	Wheelbase	in. (mm)	55.1 (1400)	57.1 (1450)	N/P		
<i>6</i>	Front Tread		36.6 (930)	36.1 (918)	N/P		
sions	Front Axle Clearance	in. (mm)	8.9 (225)	7.7 (195)	N/P		
Dimens	Turning Radius w/o Brakes	ft. (m)	7.5 (2.3)	7.4 (2.25)	7.2 (2.2)		
	TLB Weight		2689 (1220)	2208 (1002), Excludes Loader Frame	2757 (1251)		
dard es	Front		18x8.5-10 ; Turf	18x8.5-10 ; R4	20x8.0-10 ; Turf		
Standard Tires	Rear		26x12.0-12 ; Turf	18x8.5-10 ; R4	29x12.5-15 ; Turf		

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Kubota Tractor BX23S Implements

COMPETITIVE COMPARISON							
MODEL				bota 23S	John Deere 1025R	Mahindra eMax 25S HST	
LOADER			LA340 Pin-on	LA340 Quick Attach	120R Loader	eMax 25L-S	
	Lift Capacity (Pivot Pin, Max. Height)	lb.	739	613	754	900	
	Lift Capacity (500mm Forward Pivot Pin, Max. Height)	lb.	509	423	520	N/P	
LOADER	Lift Height (Pivot Pin)	in.	71		72.0	75.3	
	Reach with Bucket on Ground	in.	54.8	56.6	46.7	N/P	
	Boom Breakout Force (Pivot Pin)	ft.lb	1407	1286	1823	2000	
	Boom Breakout Force (500mm Forward Pivot Pin)	ft.lb	987	901	1320	N/P	
	Digging Depth at Bucket Level	in.	4.9	4.8	3.2	4.1	
	Cycle Times - Loader Raise	sec.	3.3		3.2	4.4	
	Cycle Times - Loader Lower	sec.	2.5		3.2	2.5	
	Cycle Times - Bucket Dump	sec.	2.3		3.1	5.3	
	Cycle Times - Bucket Rollback	sec.	2.7		2.2	3.8	
	Bucket Angle - Dump Angle	degrees	45		41	38.0	
	Bucket Angle - Rollback Angle	degrees	29		29.87	20	
	2-Lever Quick Attach Coupler		Optional	Standard	N/A	N/A	
	Quick Attach Loader		Standard		Standard	Standard	
	Third Function Valve		Optional		N/A	N/A	
	Factory Pallet Forks		Available		N/A	N/A	
	MODEL		Kubota BX23S BT603 Backhoe		John Deere 1025R 260 Backhoe	Mahindra eMax 25S HST eMax 26B	
BACKHOE	Digging Depth at 2' flat bottom	ft.	6 ft. 5 in.		6 ft. 2 in.	6 ft. 2.9 in.	
	Swing Arc	degrees	140.0		150.0	150.0	
	Bucket Cylinder Digging Force	lb.	1936		2036	2145	
	Dipperstick Cylinder Digging Force	lb.	1171		1187	903	
	Loading Height	ft.	5 ft. 4 in.		5 ft.	5 ft. 2 in.	
	Reach from Swing Point	in.	102.8		105.6	102.0	
	6-Positional Mechanical Thumb		Opt	ional	Optional	Optional	

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