



M96S/108S



SPECIFICATIONS

Specifications

Model		M96SH (2WD)	M96SDS (4WD)	M108SH (2WD)
		ROPS Models		
Engine		V3800-DI-T		V3800-DT-TI
Type (Make: KUBOTA)		Center direct injection (E-CDIS), liquid cooled 4-cylinder diesel		
Aspiration type		Turbocharged		Turbocharged w/intercooler
Rated speed	rpm	2600		
Engine net power	HP (kW)	95 (70.9)		108 (80.6)
PTO power	HP (kW)	84 (62.7)		96 (71.6)
Total displacement	cu.in. (cc)	230 (3769)		
Fuel tank capacity	gal. (ℓ)	46 (175)		
Air cleaner		Dry, dual-element		
Alternator	Amp	45		
Transmission				
No. of speeds (Option)		16 forward/16 reverse (24 forward /24 reverse w/optional creep)	32 forward/32 reverse (48 forward /48 reverse w/optional creep)	16 forward/16 reverse (24 forward /24 reverse w/optional creep)
Main gear shift		8/Fully synchronized (with swing shift)		
Range shift		2-speeds		
Dual speed (Hi-Lo)		-	Standard	-
Hydraulic-shuttle		Steering column-mounted lever		
Main clutch type/Brake type		Hydraulic wet discs/Hydraulic wet discs		
Mechanical differential lock		Rear	Front & Rear	Rear
PTO				
PTO type		Hydraulic independent PTO with PTO brake, wet discs		
Speed		540 rpm (540/1000 factory optional)		
Hydraulics				
Pump capacity (3-point hitch)	gpm (ℓ/min.)	17.2 (65)		
3-point hitch		Telescopic lower link ends, Telescopic stabilizers		
Category		II		
Control system		Position, draft (top link sensing) & mix control		
Lift capacity at 24 in. behind lift point	lbs. (kgf)	4630 (2100), 7490 (3400) w/dual assist cylinders (optional)		
No. of standard remote valves		1 standard (2nd, 3rd & flow control valve optional)		
Other features				
4WD drive system		-	Bevel gear type	-
Steering		Hydrostatic power steering		
Hood type		Single piece full open hood, twin gas shock assist		
Deck type/Pedal type		ISO-mounted full flat deck with rubber mat/hanging pedals		
Standard tire size ^(*)	Front/Rear	10.00-16/18.4-30	12.4-24/18.4-30 Cast	10.00-16/18.4-34
Dimensions & weight^(*)				
Overall length	in. (mm)	163 (4145)		
Overall height/ROPS folded	in. (mm)	103 (2620)/79 (2015)		105 (2670)/81 (2065)
Overall height (top of CAB)	in. (mm)	-		
Overall width ^(*)	in. (mm)	91 (2315)	93 (2355)	90 (2295)
Wheelbase	in. (mm)	95.9 (2435)		
Ground clearance (Drawbar bracket)	in. (mm)	15.2 (385)		
Tread width	Front	60.6-80.3 (1540-2040)	59.8-63.8 (1520-1620)	60.6-80.3 (1540-2040)
	Rear	67.7-79.5 (1720-2020)	67.1-81.1 (1705-2060)	67.1-79.0 (1705-2005)
Turning radius (w/o brake)	ft. (m)	12.5 (3.8)	15.4 (4.7) ^(*)	12.5 (3.8)
Tractor weight	lb. (kg)	6261 (2840)	7430 (3370)	6349 (2880)

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(*) Optional tire size and disk variation are available. Radial tires are also available. (**) All dimensions measured with standard tire. (***) At 72-inch rear tire tread. (****) 4WD engaged.

* 540/1000 PTO factory option model is available.



M96S/108S



SPECIFICATIONS

Specifications

Model	M108SDSF(2WD)	M108SHD (4WD)	*M108SDS (4WD)
ROPS Models			
Engine	V3800-DT-TI		
Type (Make: KUBOTA)	Center direct injection (E-CDIS), liquid cooled 4-cylinder diesel		
Aspiration type	Turbocharged w/intercooler		
Rated speed	rpm	2600	
Engine net power	HP (kW)	108 (80.6)	
PTO power	HP (kW)	96 (71.6)	
Total displacement	cu.in. (cc)	230 (3769)	
Fuel tank capacity	gal. (ℓ)	46 (175)	
Air cleaner	Dry, dual-element		
Alternator	Amp	45	
Transmission			
No. of speeds (Option)	32 forward/32 reverse (48 forward /48 reverse w/optional creep)	16 forward/16 reverse (24 forward /24 reverse w/optional creep)	32 forward/32 reverse (48 forward /48 reverse w/optional creep)
Main gear shift	8/Fully synchronized (with swing shift)		
Range shift	2-speeds		
Dual speed (Hi-Lo)	Standard	-	Standard
Hydraulic-shuttle	Steering column-mounted lever		
Main clutch type/Brake type	Hydraulic wet discs/Hydraulic wet discs		
Mechanical differential lock	Rear	Front & Rear	
PTO			
PTO type	Hydraulic independent PTO with PTO brake, wet discs		
Speed	540 rpm (540/1000 factory optional)		
Hydraulics			
Pump capacity (3-point hitch)	gpm (ℓ/min.)	17.2 (65)	
3-point hitch	Telescopic lower link ends, Telescopic stabilizers		
Category	II		
Control system	Position, draft (top link sensing) & mix control		
Lift capacity at 24 in. behind lift point	lbs. (kgf)	4630 (2100), 7490 (3400) w/dual assist cylinders (optional)	
No. of standard remote valves	1 standard (2nd, 3rd & flow control valve optional)		
Other features			
4WD drive system	-	Bevel gear type	
Steering	Hydrostatic power steering		
Hood type	Single piece full open hood, twin gas shock assist		
Deck type/Pedal type	ISO-mounted full flat deck with rubber mat/hanging pedals		
Standard tire size ^(*)	Front/Rear	10.00-16/18.4-34	13.6-24/18.4-34 Cast
Dimensions & weight^(*)			
Overall length	in. (mm)	163 (4145)	
Overall height/ROPS folded	in. (mm)	105 (2670)/81 (2065)	
Overall height (top of CAB)	in. (mm)	-	
Overall width ^(*)	in. (mm)	90 (2295)	91 (2315)
Wheelbase	in. (mm)	95.9 (2435)	
Ground clearance (Drawbar bracket)	in. (mm)	17.1 (435)	
Tread width	in. (mm)	60.2-65.4 (1530-1660)	
	Front	60.6-80.3 (1540-2040)	60.2-65.4 (1530-1660)
	Rear	67.1-79.0 (1705-2005)	68.1-80.1 (1730-2035)
Turning radius (w/o brake)	ft. (m)	12.5 (3.8)	15.4 (4.7) ^(*)
Tractor weight	lb. (kg)	6349 (2880)	7981 (3620)

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* 540/1000 PTO factory option model is available.



M96S/108S



SPECIFICATIONS

Specifications

Model		M96SDSC (4WD)	M108SHC (2WD)	*M108SHDC (4WD)	*M108SDSC (4WD)
CAB Models					
Engine		V3800-DI-T		V3800-DT-TI	
Type (Make: KUBOTA)		Center direct injection (E-CDIS), liquid cooled 4-cylinder diesel			
Aspiration type		Turbocharged		Turbocharged w/intercooler	
Rated speed	rpm	2600			
Engine net power	HP (kW)	95 (70.9)		108 (80.6)	
PTO power	HP (kW)	84 (62.7)		96 (71.6)	
Total displacement	cu.in. (cc)	230 (3769)			
Fuel tank capacity	gal. (ℓ)	46 (175)			
Air cleaner		Dry, dual-element			
Alternator	Amp	60		80	
Transmission		32 forward/32 reverse (48 forward /48 reverse w/optional creep)		16 forward/16 reverse (24 forward/24 reverse w/optional creep)	
No. of speeds (Option)		32 forward/32 reverse (48 forward /48 reverse w/optional creep)			
Main gear shift		8/Fully synchronized (with swing shift)			
Range shift		2-speeds			
Dual speed (Hi-Lo)		Standard		Standard	
Hydraulic-shuttle		Steering column-mounted lever			
Main clutch type/Brake type		Hydraulic wet discs/Hydraulic wet discs			
Mechanical differential lock		Front & Rear		Rear	
PTO		Hydraulic independent PTO with PTO brake, wet discs			
PTO type		540 rpm (540/1000 rpm factory optional)			
Speed					
Hydraulics		17.2 (65)			
Pump capacity (3-point hitch)	gpm (ℓ/min.)				
3-point hitch		Telescopic lower link ends, Telescopic stabilizers			
Category		II			
Control system		Position, draft (top link sensing) & mix control			
Lift capacity at 24 in. behind lift point	lbs. (kgf)	4630 (2100), 7490 (3400) w/dual assist cylinders (optional)			
No. of standard remote valves		1 standard (2nd, 3rd & flow control valve optional)			
Other features		Bevel gear type		Bevel gear type	
4WD drive system		Hydrostatic power steering			
Steering		Single piece full open hood, twin gas shock assist			
Hood type		ISO-mounted full flat deck with rubber mat/hanging pedals			
Deck type/Pedal type					
Standard tire size ^(*)	Front/Rear	12.4-24/18.4-30 Cast	10.00-16/18.4-34	13.6-24/18.4-34 Cast	
Dimensions & weight^(*)		163 (4145)			
Overall length	in. (mm)				
Overall height/ROPS folded	in. (mm)	-			
Overall height (top of CAB)	in. (mm)	104 (2630)		106 (2680)	
Overall width ^(*)	in. (mm)	91 (2315)		91 (2315)	
Wheelbase	in. (mm)	95.9 (2435)			
Ground clearance (Drawbar bracket)	in. (mm)	15.2 (385)		17.1 (435)	
Tread width	in. (mm)	59.8-63.8 (1520-1620)		60.6-80.3 (1540-2040)	
	Front			60.2-65.4 (1530-1660)	
	Rear	67.1-81.1 (1705-2060)		67.1-79.0 (1705-2005)	
Turning radius (w/o brake)	ft. (m)	15.4 (4.7) ^(*)		12.5 (3.8)	
Tractor weight	lb. (kg)	8025 (3640)		6945 (3150)	
				8576 (3890)	

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M96S/108S



SPECIFICATIONS

LOADER SPECIFICATIONS

Model	LA1403		
Tractor Applications	M96S, M108S		
Boom Cylinder Fulcrum	Height Position	Power Position	
Maximum Lift Height (Pivot Pin)	in. (mm)	145.7 (3700)	132.7 (3370)
Clearance w/Attachment Dump	in. (mm)	112.6 (2860)	98.0 (2490)
Reach @ Maximum Height	in. (mm)	23.6 (600)	38.6 (980)
Maximum Dump Angle	degrees	52	63
Reach w/Attachment on Ground	in. (mm)	87.8 (2230)	
Maximum Rollback Angle	degrees	40	
Digging Depth (When Bucket is Level)	in. (mm)	2.4 (60)	2.6 (65)
Overall Height in Carry Position	in. (mm)	66.9 (1700)	
Material Bucket Width/Capacity (Heaped)	in. /cu.ft. (m ³)	72 / 19.43 (0.55), 84 / 22.60 (0.64)	
Lift Capacity (Bucket Center)	lbs. (kg)	2976 (1350)	3086 (1400)
Raising Time to Full Height w/out Load ^{**1)}	seconds	4.2	
Lowering Time w/out Load (Powerdown) ^{**1)}	seconds	2.9	
Attachment Rollback Time	seconds	2.2	
Attachment Dumping Time	seconds	2.4	

^{**1)}w/ Standard Valves.