

M40 Series

Specifications

M6040 - M7040 - M8540



Model		M7040	M8540
Engine		V3307DI-T	V3800DI-T
Type (Make: KUBOTA)		E-CDIS, Direct Injection	E-CDIS, Direct Injection
No. of cylinders/Aspiration		4/Turbocharged	4/Turbocharged
Engine net power	HP(kW)	71 (52.9)	85.5 (63.7)
PTO power	HP(kW)	64 (47.7)	76 (56.6)
Total displacement	cu.in.(cc)	203 (3331)	230 (3769)
Engine rpm		2600	
Fuel tank capacity	gal. (ℓ)	20.1 (76)	
Alternator		60 (80 option)	
Transmission			
No. of speeds		F8 / R8	
Main gear shift (4 speeds)		Fully synchronized	
Hydraulic shuttle		Standard	
Main clutch type		Multi-plate wet disc	
Brake type		Mechanical multi-plate wet discs	
Mechanical differential lock		standard	
4WD clutch type		Electric-hydraulic clutch	
Four wheel brakes		standard	
PTO			
Type		Hydraulic independent PTO with PTO brake, wet disc	
Speed	rpm	540	
Hydraulics			
Pump capacity (3-Point Hitch)	gpm (ℓ/min.)	11.0 (41.6)	
3-Point Hitch		Turn buckle type	
Category		I, II (link ends)	
Control system		Position, draft (top link sensing) & mixed control	
Lift capacity at 24 in. behind lift point	lbs.(kg)	3307 (1500)	
Cylinder type		Two external cylinders	
No. of standard remote valves		1 (2nd, 3rd valve optional)	
Other features			
4WD drive system		Bevel gear type	
Bi-speed turn		standard	
Steering		Hydrostatic power steering	
Tilt steering		Standard	
Hood type		One-Piece full-open, slant	
Pedal type		Hanging	
Deck type (ISO-mounted)		Semi flat	
Panel type		LED electronic panel w/ LCD readout (mph & PTO speed)	
Standard tire size			
Front/Rear		8.0-16 / 12.4-24	
Dimensions & weight			
Overall length	in.(mm)	136 (3450)	138 (3510)
Overall height (Front top of hood)	in.(mm)	89.0 (2260)	
Overall width (Minimum)	in.(mm)	48.0 (1220)	
Wheelbase	in.(mm)	80.7 (2050)	
Crop clearance (Front Axle)	in.(mm)	14.6 (370)	
Tread width	Front in.(mm)	40.6 (1030)	
	Rear in.(mm)	35.4-54.5 (900-1385)	
Turning radius (w/o brake, w/Bi speed)	ft. (m)	11.5 (3.5)	
Tractor weight	lbs.(kg)	4806 (2180)	

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Model			M8540HDNBC10				
Engine			V3800DI-T				
Type (Make: KUBOTA)			E-CDIS, Direct Injection				
No. of cylinders/Aspiration			4/Turbocharged				
Engine net power		HP (kW)	85.5 (63.7)				
PTO power		HP (kW)	76.0 (56.6)				
Total displacement		cc	230 (3769)				
Engine rpm			2600				
Fuel tank capacity		l	20.1 (76)				
Air cleaner			Dry, dual-element				
Alternator			80				
Transmission							
No. of speeds			F10 / R10				
Main gear shift			5 / Fully synchronized				
Hydraulic shuttle			Standard				
Main clutch type / Brake type			Multi-plate wet disc , Mechanical multi-plate wet discs				
Mechanical differential lock			Rear mechanical standard				
4WD clutch type			Electric-hydraulic clutch				
Four wheel brakes			Standard				
PTO							
Type			Live-independent PTO, hydraulic PTO with PTO brake, multi-plate wet disc				
Speed		rpm	540				
Hydraulics							
Pump capacity (3-Point Hitch)		gpm (l/min.)	16.1 (61.0)				
3-Point Hitch			Turn buckle type				
Category			Cat. I, (II link ends)				
Control system			Position, draft (top link sensing) & mixed control				
Lift capacity at link end		lbs. (kg)	3307 (1500)				
Cylinder type			Two external cylinders				
No. of standard remote valves			1 (2nd, 3rd valve optional)				
Other features							
4WD drive system			Bevel gear type				
Bi-speed turn			Standard				
Steering			Hydrostatic power steering				
Tilt steering			Standard				
Hood type			One Piece full-open, slanted, steel				
Pedal type / Deck type (ISO-mounted)			Hanging / Semi-flat				
Panel type			LED electronic panel w/ LCD readout (mph & PTO speed)				
Standard tire size							
Front/Rear			8.0 - 16 / 12.4 - 24				
Travel Speed @PTO 540 rpm (2160 rpm engine speed)		mph (km/h)	Forward				
(with 12.4 - 24 rear tire)			1	2	3	4	5
Creep (option)			0.19 (0.31)	0.27 (0.44)	0.35 (0.56)	0.45 (0.72)	0.59 (0.95)
Low			1.34 (2.16)	1.90 (3.06)	2.46 (3.96)	3.15 (5.07)	4.15 (6.67)
High			5.35 (8.61)	7.58 (12.21)	9.81 (15.78)	12.56 (20.22)	16.53 (26.61)
Dimensions & weight							
Overall length		in. (mm)	138.0 (3510)				
Overall height (Front top of hood)		in. (mm)	89.0 (2260)				
Overall width (Minimum)		in. (mm)	48.0 (1220)				
Wheelbase		in. (mm)	80.7 (2050)				
Crop clearance (Front Axle)		in. (mm)	14.8 (375)				
Tread width Front		in. (mm)	40.5 (1030)				
Rear		in. (mm)	38.2 - 54.5 (970 - 1385)				
Turning radius (w/o brake, w/Bi speed)		ft. (m)	11.5 (3.5)				
Tractor weight		lbs. (kg)	4806 (2180)				

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Model		M6040	M7040	M8540
Engine		V3307-DI	V3307-DI	V3800DI-T
Type (Make : KUBOTA)		E-CDIS, Direct Injection	E-CDIS, Direct Injection	E-CDIS, Direct Injection
No. of cylinders/Aspiration		4/Natural	4/Natural	4/Turbocharged
Engine net power	HP(kW)	62 (46.2)	68 (50.7)	84 (62.7)
PTO power	HP(kW)	55 (41.0)	62 (46.2)	75 (56.0)
Total displacement	cu.in.(cc)	203 (3331)	203 (3331)	230 (3769)
Engine rpm		2600		
Fuel tank capacity	gal. (ℓ)	15.9 (60)		
Alternator		45 Amp		
Transmission				
No. of speeds		F8 / R8		
Main gear shift (4 speeds)		Fully synchronized		
Hydraulic-shuttle		Standard		
Main clutch type		Multiple wet disc		
Brake type		Multiple wet disc mechanical		
Mechanical differential lock		Rear standard		
4WD clutch type		Electric-hydraulic clutch		
PTO				
Type		Live-independent		
Speed	rpm	540		
Hydraulics				
Pump capacity (3-Point Hitch)	gpm (ℓ/min.)	11.0 (41.6)		
3-Point Hitch		Turn buckle type		
Category		I (II link ends)		
Control system		Position, draft (top link sensing) & mixed control		
Lift capacity at 24 in. behind lift point	lbs.(kg)	3307 (1500)		
Cylinder type		Two external cylinders		
No. of standard remote valves		1 (2nd, 3rd valve optional)		
Other features				
4WD drive system		Bevel gear type		
Steering		Hydrostatic power steering		
Tilt steering		Standard		
Hood type		One Piece full open, slanted, steel		
Pedal type		Hanging		
Deck type (ISO-mounted)		Semi-flat		
Panel type		Electronic		
Fender shape		round		
Standard tire size				
Front/Rear		8.0-16 / 12.4-24		
Dimensions & weight				
Overall length	in.(mm)	136.4 (3465)		
Overall height (Front top of hood)	in.(mm)	46.0 (1168)		
Overall width (Minimum)	in.(mm)	48.0 (1220)		
Wheelbase	in.(mm)	80.7 (2050)		
Crop clearance (Front Axle)	in.(mm)	14.8 (375)		
Tread width	Front in.(mm)	40.6 (1030)		
	Rear in.(mm)	35.4-54.5 (900-1385)		
Turning radius (w/o brake, w/Bi speed)	ft. (m)	11.5 (3.5)		
Tractor weight	lbs.(kg)	4189 (1900)	4189 (1900)	4343 (1970)

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Loader Specifications

Model			LA754N
Tractor applications			M7040/M8540 Narrow Cab tractors M8540 Narrow Cab Power Krawler tractor
A	Maximum Lift Height (Pivot Pin)	in. (mm)	109.8 (2788)
C	Clearance w/Attachment Dump	in. (mm)	84.9 (2157)
D	Reach @ Maximum Height (w/Front Guard)	in. (mm)	28.7 (728)
E	Maximum Dump Angle	degrees	40
F	Reach w/Attachment on Ground	in. (mm)	74.3 (1887)
G	Maximum Rollback Angle	degrees	40
H	Digging Depth (When Bucket is Level)	in. (mm)	7.1 (180)
J	Overall Height in Carry Position	in. (mm)	56.3 (1429)
	Material Bucket Width/Capacity (Heaped)	in. /cu.ft.(m ³)	54" / 8.8 (0.25)
	Lift Capacity (Bucket Pivot Pin, Maximum Height)	lbs. (kg)	1609 (730)
	Raising Time to Full Height w/out Load	second	2.9
	Lowering Time w/out Load (Powerdown)	second	2.5
	Attachment Rollback Time	second	1.9
	Attachment Dumping Time	second	1.5

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