

3. SPECIFICATIONS

ROPS Model

Model			M6060	M7060
			4WD	4WD
Engine	Model	V3307-CR-TE4		
	Type	4 cylinder in-line, Common Rail System, direct injection		
	Number of cylinders	4		
	Total displacement	3331 cm ³ (203 cu.in.)		
	Bore and stroke	94 × 120 mm (3.7 × 4.7 in.)		
	Rated revolution	2400 min ⁻¹ (rpm)		
	Low idling revolution	950 to 1000 min ⁻¹ (rpm)		
	Net power *1	47.3 kW (63.5 HP)		52.9 kW (71 HP)
	PTO power *1 (factory observed)	41.8 kW (56 HP)		47.7 kW (64 HP)
	Maximum torque	230 N·m (23.5 kgf·m, 170 lbf·ft) / 1400 min ⁻¹ (rpm)		260 N·m (26.5 kgf·m, 192 lbf·ft) / 1400 min ⁻¹ (rpm)
	Battery capacity	12V, RC: 160 min, CCA 900A		
	Fuel tank capacity	70 L (18.5 U.S.gals, 15 Imp.gals)		
	Engine oil capacity	12 L (12.7 U.S.qts, 11 Imp.qts)		
	Coolant capacity	8 L (8.5 U.S.qts, 7 Imp.qts)		
Dimensions	Overall length	3505 mm (138 in.)		
	Overall width (minimum tread)	1860 mm (73 in.)		
	Overall height	2460 mm (96.9 in.) (ROPS)		2470 mm (97.2 in.) (ROPS)
	Wheel base	2210 mm (83.1 in.)		
	Tread	Front	1420, 1520 mm (55.9, 59.8 in.)	
		Rear	1420 to 1720 mm (55.9 to 67.7 in.)	
	Minimum ground clearance	390 mm (15.4 in.)		415 mm (14.3 in.)
Weight			2270 kg (5005 lbs)	2280 kg (5027 lbs)
Traveling system	Standard tire size	Front tire	9.5-24	
		Rear tire	16.9-28	16.9-30 *2
	Clutch	Multiple wet disc		
	Steering	Hydraulic Power Steering		
	Braking system	Mechanically operated wet disc (F8/R8 model) Hydraulically operated wet disc (F12/R12 model)		
	Differential	Bevel gears with differential lock (Rear)		
Hydraulic unit	Hydraulic control system		Position, draft (top link sensing) and mix control	
	Pump capacity		41.6 L/min.(11.0 U.S.gals/min., 9.15 Imp.gals/min.) (F8/R8 model) 61.5 L/min.(16.2 U.S.gals/min., 13.5 Imp.gals/min.) (F12/R12 model)	
	Three point hitch		Category 1 and 2	
	Max. lifting force	At lifting points *3	1900 kg (4189 lbs)	
		24 in. behind lifting point	1500 kg (3307 lbs)	
	Remote hydraulic control		1 standard (2nd, 3rd and valve optional)	
	System pressure		19.1 MPa (195 kgf/cm ² , 2770 psi)	
	Traction system		Swinging drawbar, adjustable in direction	
PTO	Live PTO (Independent)	Direction of turning	Clockwise, viewed from tractor rear	
		PTO speed	6 spline: 540 / 2160 min ⁻¹ (rpm) engine speed (F8/R8 model) 6 spline: 540 / 2160 min ⁻¹ (rpm), 540E / 1828 min ⁻¹ (rpm) engine speed (F12/R12 model)	

NOTE

- The company reserves the right to change the specifications without notice.

*1: Manufacturer's estimate

*2: Cast iron disks available for wheels.

*3: At lower link end with links horizontal.

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CABIN Model

Model			M6060		M7060	
			2WD	4WD	2WD	4WD
Engine	Model		V3307-CR-TE4			
	Type		4 cylinder in-line, Common Rail System, direct injection			
	Number of cylinders		4			
	Total displacement		3331 cm ³ (203 cu.in.)			
	Bore and stroke		94 × 120 mm (3.7 × 4.7 in.)			
	Rated revolution		2400 min ⁻¹ (rpm)			
	Low idling revolution		950 to 1000 min ⁻¹ (rpm)			
	Net power *1		47.4 kW (63.5 HP)		53.0 kW (71 HP)	
	PTO power *1 (factory observed)		41.7 kW (56 HP)		47.7 kW (64 HP)	
	Maximum torque		229 N·m (23.4 kgf·m, 169 lbf·ft) / 1400 min ⁻¹ (rpm)		258 N·m (26.3 kgf·m, 191 lbf·ft) / 1400 min ⁻¹ (rpm)	
	Battery capacity		12V, RC: 160 min, CCA 900A			
	Fuel tank capacity		90 L (23.8 U.S.gals, 19.8 Imp.gals)			
	Engine oil capacity		12 L (12.7 U.S.qts, 11 Imp.qts)			
	Coolant capacity		8 L (8.5 U.S.qts, 7 Imp.qts)			
Dimensions	Overall length		3625 mm (142.7 in.)	3505 mm (138 in.)	3625 mm (142.7 in.)	3505 mm (138 in.)
	Overall width (minimum tread)		1860 mm (73 in.)			
	Overall height		2555 mm (100.6 in.)		2565 mm (101 in.)	
	Wheel base		2145 mm (84.4 in.)	2110 mm (83.1 in.)	2145 mm (84.4 in.)	2110 mm (83.1 in.)
	Tread	Front	1420 to 1820 mm (55.9 to 71.7 in.)	1420, 1520mm (55.9, 59.8 in.)	1420 to 1820 mm (55.9 to 71.7 in.)	1420, 1520mm (55.9, 59.8 in.)
		Rear	1420 to 1720 mm (55.9 to 67.7 in.)			
	Minimum ground clearance		430 mm (16.9 in.) (Fuel tank stay)		430 mm (17.3 in.) (Fuel tank stay)	
Weight			2370 kg (5226 lbs)	2430 kg (5358 lbs)	2380 kg (5248 lbs)	2440 kg (5380 lbs)
Traveling system	Standard tire size	Front	7.5-16	9.5-24	7.5-16	9.5-24
		Rear	16.9-28		16.9-30 *2	
	Clutch		Multiple wet disc			
	Steering		Hydraulic Power Steering			
	Braking system		Mechanically operated wet disc (F8/R8 model) Hydraulically operated wet disc (F12/R12 model)			
	Differential		Bevel gears with differential lock (Rear)			
Hydraulic unit	Hydraulic control system		Position, draft (top link sensing) and mix control			
	Pump capacity		41.6 L/min.(11.0 U.S.gals/min., 9.15 Imp.gals/min.) (F8/R8 model) 61.5 L/min.(16.2 U.S.gals/min., 13.5 Imp.gals/min.) (F12/R12 model)			
	Three point hitch		Category 1 and 2			
	Max. lifting force	At lifting points *3	1900 kg (4189 lbs)			
		24 in. behind lifting point *3	1500 kg (3307 lbs)			
	Remote hydraulic control		1 standard (2nd, 3rd valve optional)			
	System pressure		19.1 MPa (195 kgf/cm ² , 2770 psi)			
	Traction system		Swinging drawbar, adjustable in direction			
PTO	Live PTO (Independent)	Direction of turning	Clockwise, viewed from tractor rear			
		PTO/Engine speed	6 spline: 540 / 2160 min ⁻¹ (rpm) engine speed (F8/R8 model) 6 spline: 540 / 2160 min ⁻¹ (rpm), 540E / 1828 min ⁻¹ (rpm) engine speed (F12/R12 model)			

■ **NOTE**

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*1: Manufacturer's estimate

*2: Cast iron disks available for wheels.

*3: At lower link end with links horizontal.

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4. TRAVELING SPEEDS

ROPS Model

(At rated engine rpm)

Model			M6060 / M7060			
			F8/R8 Model		F12/R12 Model	
Tire size (Rear)			16.9-28		18.4-30	
Shuttle shift lever	Range gear shift lever	Main gear shift lever	km/h	mph	km/h	mph
Forward	CREEP (option)	1	0.34	0.21	0.43	0.27
		2	0.49	0.30	0.60	0.38
		3	0.65	0.41	0.78	0.49
		4	1.06	0.66	1.00	0.63
		5	–	–	1.28	0.80
		6	–	–	1.69	1.06
	L	1	2.4	1.5	2.5	1.6
		2	3.4	2.1	3.6	2.2
		3	4.6	2.9	4.6	2.9
		4	7.5	4.7	5.9	3.7
		5	–	–	7.6	4.7
		6	–	–	10.0	6.2
	H	1	9.4	5.8	12.0	7.5
		2	13.3	8.3	17.0	10.6
		3	17.8	11.1	22.0	13.7
		4	29.0	18.0	28.2	17.6
		5	–	–	36.0	22.5
		6	–	–	38.9 ^{*1}	24.3 ^{*1}

The company reserves the right to change the specifications without notice

*1: At 1960 min⁻¹ (rpm)

(At rated engine rpm)

Model			M6060 / M7060			
			F8/R8 Model		F12/R12 Model	
Tire size (Rear)			16.9-28		18.4-30	
Shuttle shift lever	Range gear shift lever	Main gear shift lever	km/h	mph	km/h	mph
Reverse	CREEP (option)	1	0.34	0.21	0.42	0.26
		2	0.48	0.30	0.60	0.37
		3	0.64	0.40	0.77	0.48
		4	1.05	0.65	0.99	0.62
		5	–	–	1.26	0.79
		6	–	–	1.67	1.04
	L	1	2.4	1.5	2.5	1.5
		2	3.4	2.1	3.5	2.2
		3	4.5	2.8	4.5	2.8
		4	7.4	4.6	5.8	3.6
		5	–	–	7.4	4.7
		6	–	–	9.8	6.1
	H	1	9.2	5.7	11.8	7.4
		2	13.1	8.1	16.7	10.5
		3	17.5	10.9	21.7	13.5
		4	28.5	17.7	27.7	17.3
		5	–	–	35.3	22.2
		6	–	–	38.3 ^{*1}	23.9 ^{*1}

The company reserves the right to change the specifications without notice

*1: At 1960 min⁻¹ (rpm)

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CABIN Model

(At rated engine rpm)

Model			M6060 / M7060			
			F8/R8 Model		F12/R12 Model	
Tire size (Rear)			16.9-28		18.4-30	
Shuttle shift lever	Range gear shift lever	Main gear shift lever	km/h	mph	km/h	mph
Forward	CREEP (option)	1	0.34	0.21	0.43	0.27
		2	0.49	0.30	0.60	0.38
		3	0.65	0.41	0.78	0.49
		4	1.06	0.66	1.00	0.63
		5	–	–	1.28	0.80
		6	–	–	1.69	1.06
	L	1	2.4	1.5	2.5	1.6
		2	3.4	2.1	3.6	2.2
		3	4.6	2.9	4.6	2.9
		4	7.5	4.7	5.9	3.7
		5	–	–	7.6	4.7
		6	–	–	10.0	6.2
	H	1	9.4	5.8	12.0	7.5
		2	13.3	8.3	17.0	10.6
		3	17.8	11.1	22.0	13.7
		4	29.0	18.0	28.2	17.6
		5	–	–	36.0	22.5
		6	–	–	38.9 ^{*1}	24.3 ^{*1}

The company reserves the right to change the specifications without notice

*1: At 1960 min⁻¹ (rpm)

(At rated engine rpm)

Model			M6060 / M7060			
			F8/R8 Model		F12/R12 Model	
Tire size (Rear)			16.9-28		18.4-30	
Shuttle shift lever	Range gear shift lever	Main gear shift lever	km/h	mph	km/h	mph
Reverse	CREEP (option)	1	0.34	0.21	0.42	0.26
		2	0.48	0.30	0.60	0.37
		3	0.64	0.40	0.77	0.48
		4	1.05	0.65	0.99	0.62
		5	–	–	1.26	0.79
		6	–	–	1.67	1.04
	L	1	2.4	1.5	2.5	1.5
		2	3.4	2.1	3.5	2.2
		3	4.5	2.8	4.5	2.8
		4	7.4	4.6	5.8	3.6
		5	–	–	7.4	4.7
		6	–	–	9.8	6.1
	H	1	9.2	5.7	11.8	7.4
		2	13.1	8.1	16.7	10.5
		3	17.5	10.9	21.7	13.5
		4	28.5	17.7	27.7	17.3
		5	–	–	35.5	22.2
		6	–	–	38.3 ^{*1}	23.9 ^{*1}

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*1: At 1960 min⁻¹ (rpm)

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