

SPECIFICATIONS

SPECIFICATION TABLE

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	cm³ (cu.in.)	3331 (203)				
	Bore and stroke	mm (in.)	94 x 120 (3.7 x 4.7)				
	Rated revolution	rpm	2400				
	Low idling revolution	rpm	950 to 1000				
	Net power *1	kW (HP)	47.4 (63.5)		53.0 (71)		
	PTO power *1 (factory observed)	kW (HP)	41.7 (56)		47.7 (64)		
	Maximum torque	N-m (ft-lbs) / rpm	229 (169) / 1400		258 (191) / 1400		
	Battery capacity		12V, RC: 160 min, CCA 900A				
	Fuel tank capacity	L (U.S.gals.)	90 (23.8)				
	Engine oil capacity	L (U.S.qts.)	12 (12.7)				
	Coolant capacity	L (U.S.qts.)	8 (8.5)				
Dimensions	Overall length		mm (in.)	3625 (142.7)	3505 (138)	3625 (142.7)	3505 (138)
	Overall width (minimum tread)		mm (in.)	1860 (73)			
	Overall height		mm (in.)	2555 (100.6)		2565 (101)	
	Wheel base		mm (in.)	2145 (84.4)	2110 (83.1)	2145 (84.4)	2110 (83.1)
	Tread	Front	mm (in.)	1420 to 1820 (55.9 to 71.7)	1420, 1520 (55.9, 59.8)	1420 to 1820 (55.9 to 71.7)	1420, 1520 (55.9, 59.8)
		Rear	mm (in.)	1420 to 1720 (55.9 to 67.7)			
	Minimum ground clearance		mm (in.)	430 (16.9) (Fuel tank stay)		430 (17.3) (Fuel tank stay)	
Weight		kg (lbs.)	2370 (5226)	2430 (5358)	2380 (5248)	2440 (5380)	
Traveling system	Standard tire size	Front tires	7.5-16	9.5-24	7.5-16	9.5-24	
		Rear tires	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)					

Model				M6060		M7060	
				2WD	4WD	2WD	4WD
Hydraulic unit	Hydraulic control system			Position, draft (top link sensing) & mix control			
	Pump capacity		L (U.S.gals.) / min	41.6 (11.0) (F8/R8 model) 61.5 (16.2) (F12/R12 model)			
	3-point hitch			Category 1 and 2			
	Max. lifting force	At lifting points *3	kg (lbs.)	1900 (4189)			
		24 in. behind lifting point	kg (lbs.)	1500 (3307)			
	Remote hydraulic control			1 standard (2nd, 3rd valve optional)			
	System pressure		MPa (kgf/cm²)	19.1 (195)			
PTO	Traction system			Swinging drawbar, adjustable in direction			
	Live PTO (Independent)	Direction of turning		Clockwise, viewed from tractor rear			
		PTO/Engine speed	rpm	6 spline: 540 / 2160 (F8/R8 model) 6 spline: 540 / 2160, 540E/1828 (F12/R12 model)			

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

- NOTE: *1 Manufacturer's estimate
 *2 Cast iron disks available for wheels.
 *3 At lower link end with links horizontal.

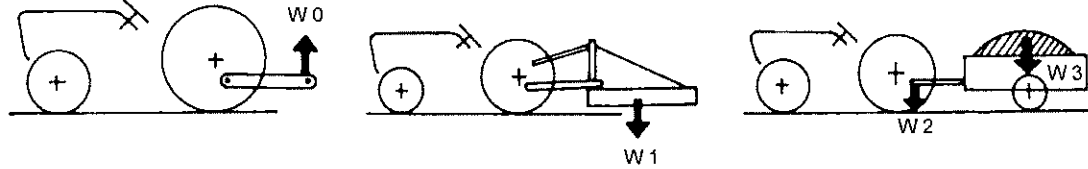
IMPLEMENT LIMITATIONS

The KUBOTA Tractor has been thoroughly tested for proper performance with implements sold or approved by KUBOTA. Use with implements which are not sold or approved by KUBOTA and which exceed the maximum specifications listed below, or which are otherwise unfit for use with the KUBOTA Tractor may result in malfunctions or failures of the tractor, damage to other property and injury to the operator or others. [Any malfunctions or failures of the tractor resulting from use with improper implements are not covered by the warranty.]

Tread (max. width)			Lower link end max. lifting capacity: W 0
Front		Rear	
2WD	4WD		
1820 mm (71.7 in.)	1520 mm (59.8 in.)	1720 mm (67.0 in.)	1900 kg (4189 lbs.)

Implement weight: W 1	Max. drawbar Load: W 2	Trailer loading weight: W 3	
		2WD	4WD
As in the following list (Shown on the next page)	1000 kg (2200 lbs.)	4500 kg (9900 lbs.)	5000 kg (11000 lbs.)

Lower link end max. hydraulic lifting capacity.....W 0
Implement weight.....The implement's weight which can be put on the lower link: W 1
Max. drawbar load.....W 2
Trailer loading weight.....The max. loading weight for trailer: W 3



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NOTE :

- Implement size may vary depending on soil operating conditions.
- Strictly follow the instructions outlined in the operator's manual of the mounted or trailed machinery or trailer, and do not operate the combination tractor - machine or tractor - trailer unless all instructions have been followed
- Forestry Application
Following hazards exist;
(a) toppling trees, primarily in case a rear-mounted tree grab-crane is mounted at the rear of the tractor;
(b) penetrating objects in the operator's enclosure, primarily in case a winch is mounted at the rear of the tractor.
Optional equipments such as OPS (Operator Protective Structure), FOPS (Falling Object Protective Structure), etc. to deal with these hazards and other related hazards are not available for this tractor. Without such optional equipment use is limited to tractor specific applications like transport and stationary work.

No.	Implement		Remarks		M6060		M7060	
					2WD	4WD	2WD	4WD
1	Slurry Tank		Max. Tank Capacity	L (gals.)	3000 (790)			
			Max. Load Capacity	kg (lbs.)	4000 (8800)			
2	Trailer		Max. Load Capacity	kg (lbs.)	4500(9900)	5000 (11000)	4500(9900)	5000 (11000)
			Max. Drawbar Load	kg (lbs.)	1000 (2200)			
3	Mower	Rotary-Cutter	Max. Cutting Width	mm (in.)	2130 (84)			
			Max. Weight	kg (lbs.)	540 (1200)			
		Flail Mower (Heavy)	Max. Cutting Width	mm (in.)	3050 (120)			
			Max. Weight	kg (lbs.)	800 (1760)			
		Sickle Bar	Max. Cutting Width	mm (in.)	2130 (84)			
4	Sprayer		Max.Tank Capacity	Mid	L (gals.)	680 (180)		
				Rear 3P	L (gals.)	680 (180)		
				Drawbar	L (gals.)	3000(800)	3500 (920)	
5	Rotary Tiller		Max. Tilling Width	mm (in.)	2130 (84)		2330 (91)	
			Max. Weight	kg (lbs.)	800 (1760)			
6	Bottom Plow		Max. Size		16 in. x 2 18 in. x1	14 in. x 3 16 in. x 2 18 in. x 1	14 in. x 3 16 in. x 2	16 in. x 3 18 in. x 2
			Max. Weight	kg (lbs.) 3P Type	450 (1000)		550 (1200)	
7	Disk harrow	3P Type	Max. Size		18 in. x 24			20 in. x 24
			Max. Harrowing Width	mm (in.)	2130 (84)			2450 (96)
			Max. Weight	kg (lbs.)	450 (1000)		550 (1200)	
		Drawbar Type	Max. Harrowing Width	mm (in.)	2450 (96)	2750 (108)		3050 (120)
8	Disc Plow		Max. Size		24 in. x 3 26 in. x 2			26 in. x 3
			Max. Weight	kg (lbs.)	450 (1000)		550 (1200)	
9	Sub Soiler		Numbers of Cultivating Tines		2			
			Cultivating Depth	mm (in.)	300 (12)	400 (16)		450 (18)
10	Cultivator		Max. Width	mm (in.)	3050 (120)	3660 (144)		4270 (168)
			Number of Rows		4			
			Max. Weight	kg (lbs.)	450 (1000)		550 (1200)	
11	Front Blade *1, *2		Max. Cutting Width	mm (in.)	1820 (72)			2130 (84)
			Max. Oil Pressure	MPa (psi.)	19.6 (2842)			
12	Rear Blade		Max. Cutting Width	mm (in.)	1820 (72)			2130 (84)
			Max. Oil Pressure	MPa (psi.)	19.6 (2842)			
13	Front Loader *1, *2		Max. Lifting Capacity (Bucket Pivot Pin, Max. Height)	kg (lbs.)	1150 (2535)			
			Max. Oil Pressure	MPa (psi.)	19.6 (2842)			
14	Box Blade		Max. Cutting Width	mm (in.)	1820 (72)			2130 (84)
			Max. Weight	kg (lbs.)	450 (1000)		550 (1200)	
15	Back Hoe *2		Max. Digging Depth	mm (in.)	2530 (100)			
			Max. Weight	kg (lbs.)	900 (2000)			
16	Snow Blade		Max. Width	mm (in.)	1820 (72)			2130 (84)
			Max. Weight	kg (lbs.)	450 (1000)		550 (1200)	

NOTE :
● Implement size may vary depending on soil operating conditions.
*1 Must remove front weight with this implement.
*2 Need subframe

OPERATING THE ENGINE

**WARNING**

To avoid personal injury or death:

- Read and understand "Safe Operation" in the front of this manual.
- Read and understand the danger, warning and caution labels located on the tractor.
- To avoid the danger of exhaust fume poisoning, do not operate the engine in a closed building without proper ventilation.
- Never start engine while standing on ground. Start engine only from operator's seat.
- Make it a rule to set all shift levers to the "NEUTRAL" positions and to place PTO clutch control switch in "OFF" position before starting the engine.

IMPORTANT :

- Do not use starting fluid or ether.
- To protect the battery and the starter, make sure that the starter is not continuously turned for more than 10 seconds.

EXHAUST AFTERTREATMENT DEVICES

**WARNING**

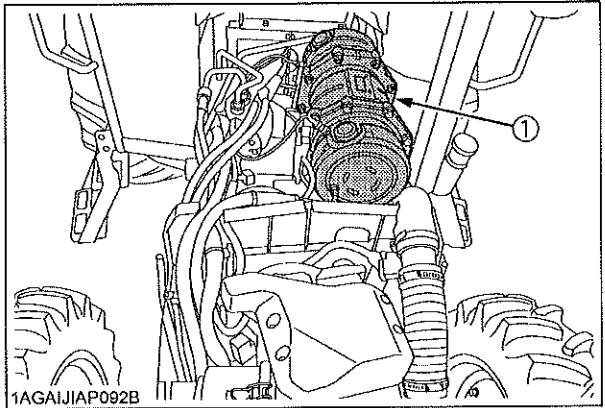
To avoid personal injury or death:

- During Diesel Particulate Filter (DPF) regenerating operations, exhaust gases and exhaust filter components reach temperatures hot enough to burn people, or ignite or melt common materials.
- Keep tractor away from people, animals or structures which may be susceptible to harm or damage from hot exhaust gases.
- During regeneration, white exhaust gases may be visible. Do not allow regeneration in a non ventilated garage or confined area.
- During regeneration, do not leave the tractor.

**Diesel Particulate Filter (DPF) Muffler**

This tractor is equipped with an engine with a DPF (Diesel Particulate Filter) muffler which serves to reduce hydrocarbons, carbon monoxide and other gases, all of which are contained in diesel engine emissions, to harmless carbon dioxide and water. The DPF also traps PM (particulate matter).

Please handle exhaust aftertreatment devices correctly and in an environmentally responsible manner.



(1) Diesel Particulate Filter (DPF)

■ Handling Points

When a specific amount of PM (particulate matter) has accumulated in the DPF muffler, it is necessary to refresh the DPF muffler by burning the PM inside it. This burning off work is called "Regeneration".

To extend operating time to reach this regeneration, and to avoid DPF muffler trouble, make sure to observe the following handling matters.

- ◆ Fuel
Be sure to use Ultra Low Sulfur Fuel (S15).

IMPORTANT :

- Use of diesel fuel other than Ultra Low Sulfur Fuel may adversely affect the engine and DPF performance.
Use of fuels other than Ultra Low Sulfur Fuel (S15) may not meet regulations for your region.

- ◆ Engine oil
Use DPF-compatible oil (CJ-4) for the engine.

IMPORTANT :

- If any engine oil other than CJ-4 is used, the DPF may become clogged earlier than expected and the fuel economy may drop.

- ◆ Prohibition of unnecessary idling operation
Generally, the lower the engine speed, the lower the exhaust gas temperature is, so the PM contained in exhaust gas will not be burnt, and begins to accumulate. Therefore, don't idle unnecessarily.

- ◆ Regeneration
When there is "Regeneration" instruction sign by lamp or buzzer, immediately perform the required procedure for regeneration.

IMPORTANT :

- Interrupting the regeneration cycle or continued operation by ignoring the warning signs may cause DPF and engine damage.

■ DPF Regeneration Process

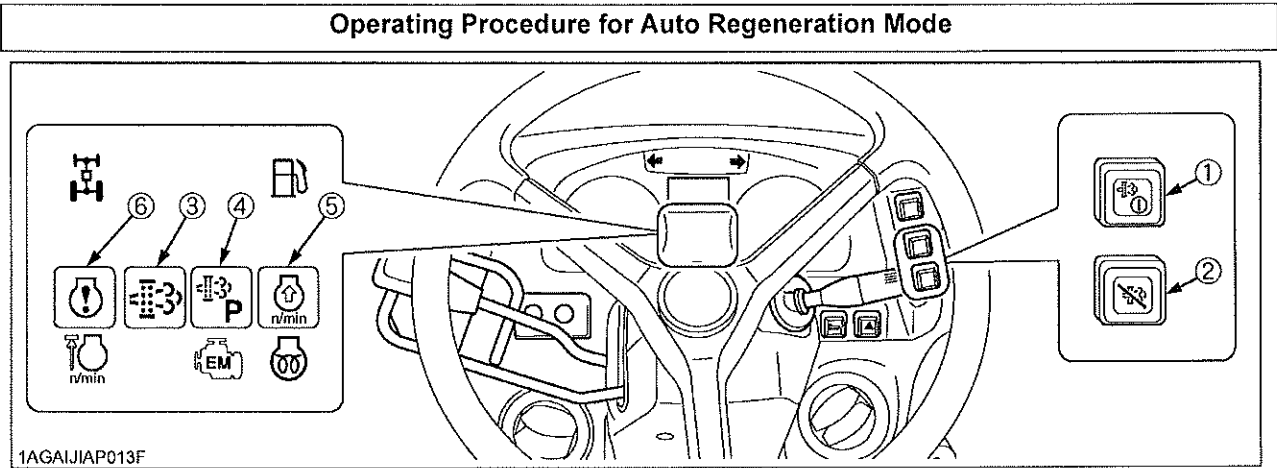
DPF regeneration process can be performed by choosing from "Auto Regeneration" or "Regeneration inhibit" mode according to your job conditions. For jobs not affected by hot gases emitted during regeneration, the "Auto Regeneration" is advisable.

- ◆ Auto Regeneration Mode;
When starting the engine (switch operation is unnecessary), the "Auto Regeneration" mode is automatically activated.
With the auto regeneration mode on, when a specific amount of PM has accumulated, and the regeneration conditions are satisfied (See the "Tips on Diesel Particulate Filter [DPF] Regeneration"), the DPF will be automatically regenerated whether the tractor is in motion or parked.
By this way, work efficiency is improved. For details of auto regeneration, refer to "Operating Procedure for Auto Regeneration Mode" section.

- ◆ Regeneration Inhibit Mode;
After starting the engine, if the "DPF INHIBIT switch" is pressed to turn on the switch lamp, the "Regeneration inhibit" mode will be activated.
With "Regeneration Inhibit" mode on, the PM which has accumulated inside the DPF will not be burnt, unless the operator performs the regeneration work manually.
The "Regeneration Inhibit" mode is effective for work in poorly ventilated work spaces.
For details of regeneration prohibition, refer to "Operating Procedure for Regeneration Inhibit Mode" section.

NOTE :

- If stop the engine once, the "Auto Regeneration" mode will be activated.



(1) Parked regeneration switch (3) Regeneration indicator (5) Engine RPM increase indicator
(2) DPF INHIBIT switch (4) Parked regeneration indicator (6) Engine warning indicator

■Regeneration Operating Procedure

1. Start the engine.
(Make sure that the DPF INHIBIT switch lamp  is "OFF".)

Switch lamp OFF: Auto Regeneration Mode activated.
Switch lamp ON: Regeneration Inhibit Mode activated.

- NOTE :
- When the engine is started, the "Auto Regeneration" mode is automatically activated.
 - "Regeneration Inhibit" mode is activated, when the DPF INHIBIT switch is pushed after the engine is started.

2. When the regeneration indicator  starts flashing:

A specific amount of PM has built up in the DPF.
Continue to operate the tractor, and the regeneration process will begin automatically, make sure the working place is in a safe area as DPF and exhaust temperature will rise.

3. When the engine rpm increase indicator  starts flashing:

Keep on working and increase the engine rpm until the indicator turns "OFF".

- NOTE :
- Even if the Auto Regeneration Mode is selected, DPF regeneration may not begin because system requirements have not been satisfied.
 - The engine rpm increase indicator is used as a guide to satisfy the regeneration conditions. If the engine load is too heavy, the engine rpm increase indicator may continue to flash, even though regeneration system conditions are satisfied and regeneration may begin automatically. (See the "Tips on Diesel Particulate Filter [DPF] Regeneration")