

Kubota

KUBOTA DIESEL TRACTOR

Boasting the latest in 60-90HP tractor technology, the M-Series from Kubota is engineered for optimum performance and unequalled dependability.

M6800/M8200/M9000



The dynamic balance of the M-Series extraordinary performance, po



Long considered the leader in high-performance tractors, Kubota once again delivers unparalleled durability and responsiveness with the M-Series (M6800/8200/9000).

Powered by our environmentally friendly E-TVCS engines, these tractors feature Kubota's legendary quality. The synchro-shuttle transmission and hydraulic independent PTO enhance productivity, while the powerful hydraulic system provides quick and responsive flow. Reduced static weight, as well as a superbly balanced chassis, allow the M-Series to maneuver with exceptional agility. Harmful soil compaction has been significantly reduced, as well. A lower center of gravity allows the M-Series to pull with incredible power, confidence and tenacity. This unique combination of strength and agility is called dynamic balance. It's the superior design that makes these tractors perfect for many applications such as hay baling and grass cutting, as well as working with cattle, dairy, orchard and vegetable applications.

Multi-Valve E-TVCS Engine

The M-Series from Kubota now offers a new E-TVCS (Three Vortex Combustion System) indirect injection diesel engine. At its heart is a newly developed original multi-valve and three vortex combustion system. Benefits include more power, higher torque rise, low noise level, less vibration, cleaner emissions and increased productivity.

Bevel Gear 4-Wheel Drive

The bevel gear 4WD design provides a larger turning angle and that provides an exceptionally tight turning radius, allowing for intricate and heavy-duty operation within even the most confined areas. The independent front-wheel differential lock gives you firmer traction in even the most slippery areas.



Series Kubota adds up to ise and transfer of power.

Synchronized Shuttle Transmission

A fully synchronized main transmission on the M8200/9000 (partially synchronized on the M6800) and a synchro-shuttle transmission (Low-Reverse on the M6800) allow for smooth and quick main gear shifting and direction change between forward and reverse. Shifting can be accomplished without stopping, thereby saving time and increasing productivity.

Foldable ROPS with Retractable Seat Belt

Hydraulic Control System

Responsive and powerful, Kubota's hydraulic control system with large capacity pump makes operating implements and other tractor functions easy. An optional flow control valve permits simultaneous operation between the 3-point hitch and a remote valve (M8200/9000).

Live-Independent, Hydraulic PTO

Versatility and ease-of-use are the keys to Kubota's self-modulating hydraulic independent PTO systems. Because the independent PTO clutch operates hydraulically, only a light movement is required to switch between "on" and "off," regardless of whether the tractor is stationary or hard at work.

3-Point Hitch

The category I & II (M6800) and category II (M8200/9000) 3-point hitch features telescopic lower link ends, in addition to a crank-type adjustable lift rod and telescopic stabilizers, which provide for faster, easier attachment of rear-mounted implements.

Comfortable Operator Area

Semi-flat decks on the M-Series have been ergonomically engineered to provide plenty of leg room. Hanging pedals translate into additional space and are easy to operate. We've also provided a deluxe adjustable seat. The ISO-mounted deck structure with rubber mat also reduces vibration and minimizes operator fatigue.

New Attractive Styling

Optimum Dimensions

A low-profile body with high ground clearance provides maximum versatility for all kinds of applications, including barn and row crop works.

KUBOTA M-SERIES UTILITY/AGRICULTURAL TRACTORS
M6800/M8200/M9000



KUBOTA POWER

There's no substitute for Kubota power: When you want it. Where you want it. How you want it.

MULTI-VALVE E-TVCS ENGINE

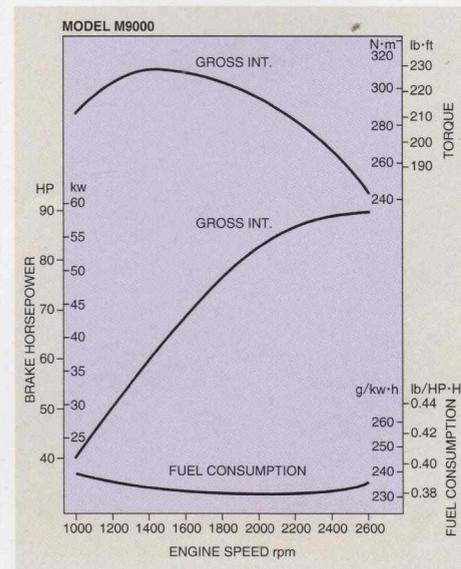
The M-Series from Kubota features the advanced E-TVCS (Three Vortex Combustion System) engine, a sophisticated indirect injection, liquid-cooled four-cylinder diesel engine which meets EPA (Environmental Protection

Agency) regulations concerning emissions. Our new multi-valve (two intake valves, one exhaust valve and TVCS) system provides for more efficient air intake, which leads to greater power, higher torque rise, faster combustion, cleaner emissions and lower noise.



HIGH TORQUE RISE

The governor and fuel injection pumps are integrated into a single, compact unit to produce an astounding 28% torque rise. Response to sudden load fluctuations is quick, reducing engine rpm drop. This means these tractors will perform smoothly under virtually any load conditions with less need for downshifting.



MINIMAL NOISE & VIBRATION

The Kubota M6800/8200/9000 tractor engines have been designed to be some of the smoothest and quietest available today. Because the newly adopted dynamic balancers have been built into the crankcase, both vertical and horizontal secondary vibrations are minimized.

8F/8R FULLY-SYNCHRONIZED MAIN AND SHUTTLE TRANSMISSION (M8200/M9000)

Shifting between forward and reverse can now be achieved smoothly and quickly, without the need to stop. The synchro-shuttle lever is located within easy reach of the steering column, for added convenience. Synchronized four speeds of the main shift in combination with two transmission speeds of the auxiliary shift allow a reliable transmission range of 8F/8R. The synchronized four speeds permit "on the fly" up and down shifting. There's never a



worry that the engine might stall, even when starting on a slope. Simply start with a lower gear and shift to a higher one. Moreover, a high top speed on all three models makes for quick transport (up to 21.5 mph [34.6 km/h] on M9000). The optional creep speed kit makes it 12F/12R.

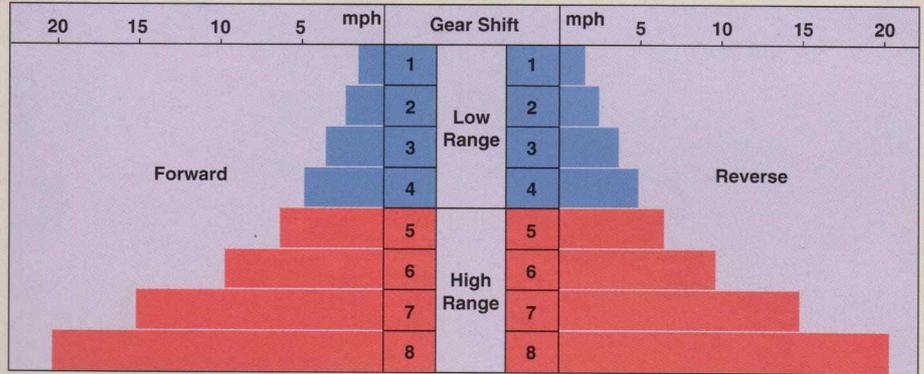
8F/4R PARTIALLY-SYNCHRONIZED TRANSMISSION (M6800)

The Kubota Model M6800 is equipped with a partially synchronized main

transmission. The range shift lever can act as a synchronized shuttle transmission between forward (low range) and reverse, making front loader work more efficient. The optional creep speed kit makes it 12F/4R



M9000 TRAVELLING SPEED (With 18.4-30 rear tires)@2600rpm



ER



ENGINE/TRANSMISSION



WORK EFFICIENT

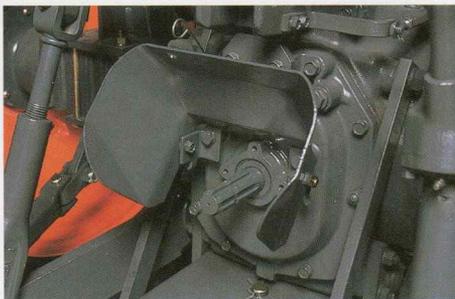
Pulling, lifting, cutting, hay baling: your Kubota saves you time by making quick work of the toughest job.

LIVE-INDEPENDENT, HYDRAULIC PTO

The Kubota M-Series offers longevity and smooth operation with an independent 540 rpm PTO with a hydraulically actuated wet-type PTO clutch (540/1000 rpm PTO is optional on the M8200/9000). Self-modulating engagement with a light touch means implements like a rear cutter engage smoothly. The PTO brake engages when the clutch is shut off and securely holds the PTO shaft. The independent-type PTO clutch can be engaged or disengaged without depressing the clutch pedal, regardless of whether the



tractor is stationary or moving. As a result, mowing, operating hay equipment or conducting such orchard applications as spraying are all made more efficient. To aid implement hook-up, the PTO shaft can turn sixty degrees with the engine shut off. A flip-up PTO cover ensures easy access to the PTO shaft.



LARGE CAPACITY HYDRAULIC PUMP

The Kubota M9000 boasts an exceptionally large hydraulic pump capacity of 17 gpm (64.3 l/min). The M6800 and M8200 are equally as impressive at 11 gpm (41.6 l/min). As a result, the front loader cycle times are short, increasing productivity and facilitating operation. Unique applications such as a cane cutter in vineyards can work faster and with greater efficiency.



AUXILIARY REMOTE HYDRAULIC VALVES

The M-Series have a double-acting remote hydraulic valve with detents and self-canceling feature as standard equipment. Thanks to the optional flow control valve, the 3-point hitch and a remote valve may be operated simultaneously. For example, the 3-point hitch can be raised or lowered while turning the hydraulic motor for such implements as a cane cutter or seeder. Simultaneous operation can be made between two remote valves, as well.

3-POINT HITCH

The category I & II (M6800) and category II (M8200/9000) 3-point hitch provides fast, simple attachment of rear-mounted implements. The crank-type lift rod and telescopic stabilizers allow simple implement hook-up and adjustment.

The telescopic lower link ends further facilitate implement attachment. Lift capacity is as much as 3310lbs. (1500kg) on M6800 and 4630lbs. (2100kg) on M8200/9000 at 24" behind the lift point.



TLY



- ① Telescopic lower link ends
- ② Telescopic stabilizers
- ③ Crank-type lift rod
- ④ Flip-up PTO cover
- ⑤ Swinging drawbar

PTO/HYDRAULIC/3-PTH



HEAVY-DUTY

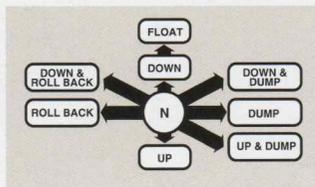
The ultimate helping hand: Ready, willing and able in every way.

FRONT LOADER

The high-performance loaders (M6800: LA1001; M8200/9000: LA1251) have been made even more powerful thanks to Kubota's advanced hydraulic technology. This powerful lifting force is remarkably easy to operate; all movements are controlled by a single lever joystick. The boom and the bucket can be operated simultaneously for faster cycle time. The LA1251 (M8200/9000) has a 4-bar bucket linkage



mechanism, which increases the efficiency of the front loader by creating a larger roll back and dumping angle. A regenerative dump circuit allows for faster dumping.



QUICK, SIMPLE LOADER ATTACHMENT AND DETACHMENT

The front loader mounts and detaches easily in only a few minutes, without the use of tools. This ability to exchange implements quickly and easily allows an extra measure of productivity and tractor versatility.



CLUTCH

Kubota has upgraded the heavy-duty main clutch with a new, well-tested organic material of superb abrasion resistance to extend clutch life. The reliability of the clutch for heavy loader work has been further improved. The clutch diameter is 10.8 in. (275 mm) on M6800, and 11.8 in. (300 mm) on M8200/9000.

BEVEL GEAR 4WD

Thanks to Kubota's bevel gear 4WD system, the turning radius is comparable to that of a 2WD. As well as allowing exceptional mobility in tight areas, the bevel gear system allows smooth power transfer to the wheels at all angles. All gears are hermetically sealed in oil to improve durability.



lock pedal, which can be operated independently from the rear differential lock. The result is positive, slip-free traction.



HYDROSTATIC POWER STEERING

Kubota's hydrostatic power steering, while assuming the burden of heavy work, provides smooth, responsive steering. Power assist is enough even when the vehicle is stationary.

DIFFERENTIAL LOCK

When wheel slippage occurs, the rear differential lock pedal can be engaged easily. It immediately activates both rear wheels. 4WD models also include a similarly easy-to-reach front differential

LOADER		LA1001	LA1251
TRACTOR		M6800	M8200/9000
ASAE rated lift capacity	lbs. (kg)	2205 (1000)	2755 (1250)
ASAE rated breakout force	lbs. (kg)	3330 (1510)	3750 (1700)
Max. lift height	in. (mm)	115.6 (2935)	133.5 (3390)
Bucket rollback/dump angle	deg.	25/39	39/59
Boom raise/lower	sec.	4.1/2.8	3.8/2.7
Bucket rollback/dump	sec.	2.6/1.7	2.5/1.7
Bucket width	in. (mm)	72 (1829)	72 (1829), 84 (2134)
4-bar bucket linkage		Not available	Standard
Front weight bracket		Optional	Standard
Quick attach implements		Quick attach frame, Bale spear, Pallet fork, Tine kit	



Quick Attach Loader Implements

- Loader bucket
- Bale spear
- Pallet fork



FRONT LOADER/4WD



AT EASE

On a Kubota, it doesn't have to feel like work.

FULL-FLOATING ISO-MOUNTED SEMI-FLAT DECK

The semi-flat deck was ergonomically designed to maximize operator comfort. The deck is spacious enough to allow comfort and freedom of movement. ISO(Isolated)-mounting with rubber mat also helps to decrease operator fatigue by reducing noise and vibration, even after long hours on the job.

HANGING PEDALS AND EASY-TO-OPERATE CONTROL LEVERS

Augmenting the spaciousness of the deck are the hanging pedals. The hanging pedals provide more leg room, as well as optimize comfort. All control levers have been strategically positioned for maximum operating room, efficiency and access.



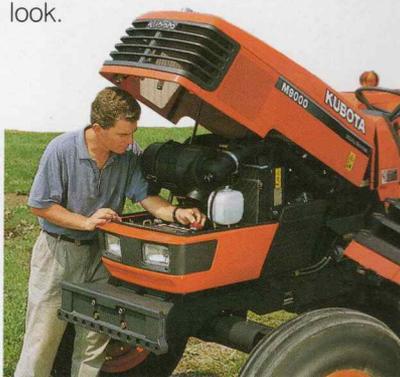
DELUXE SEAT

The deluxe seat on the M-Series has been designed for operator comfort. Features include formed cushions, armrests and adjustable suspension. It is adjustable fore and aft, and for height, as well. A retractable seat belt offers a comforting measure of safety.



NEWLY DESIGNED FULL-OPEN HOOD

Maintenance is easily performed, thanks to the new high-access one-touch opening hood; servicing points such as the battery, air cleaner, radiator screen and fan belt are within easy reach. The hood, fenders and fuel tank are made of formed steel for longevity, quick repair, and a sturdy, dignified look.



DUAL-ELEMENT AIR CLEANER

The highly efficient air-cleaning system consists of two dry-type elements: a primary and a safety that combine to ensure engine longevity. The system allows risk-free primary filter replacement even in dusty conditions.



ENCLOSED MUFFLER

For added operator visibility and even further noise reduction, the muffler is contained within the engine compartment. The only protrusion is an exhaust pipe, which can be detached easily without opening the hood when the ROPS is folded down temporarily. For a lower profile, an under muffler is optional.

FOLDABLE ROPS

A Foldable Rollover Protective Structure (ROPS) is standard. It may be temporarily folded down without tools so that the tractor may pass under areas with height constraints, such as doorways or low branches. (There is no operator protection provided by the ROPS in the folded position. For operator safety, the ROPS should be placed in the upright and locked position and the seat belt fastened for all other operations.)



COMFORT/MAINTENANCE/SAFETY

Specifications

Model			M6800	M8200	M9000
Engine			V3300-E	V3300-TE	V3300-TIE
Type (Make: KUBOTA)			E-TVCS, Indirect injection, liquid cooled 4-cylinder diesel		
Aspiration			Natural	Turbocharged	Turbocharged w/intercooler
Engine net power/PTO power	HP (kW)		68 (50.7)/62 (46.2) (@2600 rpm)	82 (61.1)/73 (54.4) (@2600 rpm)	90 (67.1)/80 (59.7) (@2600 rpm)
Total displacement	cu.in. (cc)		202 (3318)		
Fuel tank capacity	gal. (ℓ)		17.2 (65)	23.8 (90)	
Air cleaner			Dry, dual-element		
Alternator	Amp		45		
Transmission					
No. of speeds			8 forward/4 reverse	8 forward/8 reverse	
Main gear shift (4 speeds)			Partially synchronized	Fully synchronized	
Synchro-shuttle			Range shift lever (L-R)	Dash-mounted lever	
Main clutch diameter	in. (mm)		10.8 (275)	11.8 (300)	
Main clutch type/Brake type			Dry single plate/Mechanical wet disc		
Mechanical differential lock	Front/Rear		Standard on 4WD/Standard		
PTO					
PTO type			Live-independent, hydraulic PTO with PTO brake, wet clutch		
Speed			540 rpm	540 rpm (540/1000 rpm optional)	
Hydraulics					
Pump capacity (3-point hitch)	gpm (ℓ/min.)		11 (41.6) [17 gpm (64.3ℓ/min.) optional on M8200]		17 (64.3)
3-point hitch			Telescopic lower link ends, Telescopic stabilizers, Crank-type lift rod		
Category			I/II	II	
Control system			Position, draft (top link sensing) & mix control		
Lift capacity at 24 in. behind lift point	lbs. (kg)		3310 (1500)	4630 (2100)	
No. of standard remote valves			1 (2nd optional)	1 (2nd, 3rd & flow control valve optional)	
Other features					
4WD drive system			Bevel gear type		
Steering			Hydrostatic power steering		
Hood type			Full open hood		
Deck type/Pedal type			ISO-mounted semi flat deck with rubber mat/hanging pedals		
Standard tire size ^(*)	2WD	Front/Rear	7.50-16/16.9-30	7.50-18/18.4-28	7.50-18/18.4-30
	4WD	Front/Rear	9.5-24/16.9-30	11.2-24/18.4-28	12.4-24/18.4-30
Dimensions & weight					
Overall length	2WD/4WD	in. (mm)	140.2 (3560)/138.8 (3525)	152.6 (3875)/149.8 (3805)	152.6 (3875)/151.4 (3845)
Overall height (top of ROPS)		in. (mm)	96.5 (2450)	97.4 (2475)	98.4 (2500)
Overall width		in. (mm)	73.2 (1860)	78.0 (1980)	
Wheelbase		in. (mm)	80.7 (2050)	88.6 (2250)	
Grop clearance (Front Axle)		in. (mm)	18.1 (460)	19.7 (500)	20.5 (520)
Tread width	Front	2WD	in. (mm)	55.9-71.7 (1420-1820)	
		4WD	in. (mm)	55.9-59.8 (1420-1520)	
	Rear		in. (mm)	55.9-67.7 (1420-1720)	
Turning radius (w/o brake)	2WD/4WD	ft. (m)	11.2 (3.4)/12.5 (3.8) ^{(*)2}		12.5 (3.8)/14.1 (4.3) ^{(*)2}
Tractor weight ^{(*)3}	2WD/4WD	lbs. (kg)	5055 (2290)/5185 (2350)		5585 (2530)/6025 (2730)
Tractor weight ^{(*)4}	2WD/4WD	lbs. (kg)	4480 (2030)/4610 (2090)		5010 (2270)/5450 (2470)

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

For your safety, KUBOTA strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications.

Not for sale in Nebraska.

^{(*)1}Cast iron disks available for rear wheels.

^{(*)2}4WD engaged.

^{(*)3}w/cast iron disks for rear wheels.

^{(*)4}w/steel disks for rear wheels.



KUBOTA TRACTOR CORPORATION

Kubota Tractor Corporation, 3401 Del Amo Boulevard, Torrance CA 90503
 Western Division: 6665 E. Hardaway Rd., Stockton, CA 95215 Tel (209) 931-5051
 Central Division: 13780 Benchmark Drive, Farmers Branch, Texas 75234 Tel (972) 241-5900
 Northern Division: 2626 Port Rd. Columbus, OH 43217 Tel (614) 492-1100
 Southeast Division: 1025 North Brook Parkway, Suwanee, GA 30024 Tel (770) 995-8855

