



For Earth, For Life
Kubota

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KUBOTA LOW PROFILE TRACTOR M5L-111

New standards in low profile tractor performance and operator comfort

Low Profile Power that will Exceed Your High Expectations

The M5L combines low clearance versatility with full-size capabilities. Featuring an intelligently revamped operator station and a telescopic ROPS frame, the M5L is specifically engineered for work in orchards and other applications that require a capable low-profile footprint. Equipped with an updated V3800 Tier IV Final engine and a highly versatile transmission that offers six speeds in two ranges, the M5L excels in power, versatility, durability and performance.

Updated Engine Features

The M5L has an updated V3800 Tier IV Final engine which has a Common Rail System (CRS), intercooler, Exhaust Gas Recirculation (EGR) and employs a Diesel Particulate Filter (DPF) and a Selective Catalytic Reduction (SCR) system for minimized emissions. Additionally, it has an increased alternator capacity (45A to 80A), larger radiator, larger diameter cooling fan and the Constant RPM Management System for repetitive actions.

Redesigned Operator Station

To promote operator efficiency, all main controls are conveniently located on the right side. The park lock button must be pushed to lock and unlock, preventing accidental engagement from tree limbs or operators. The floor pedals have been adjusted for better comfort and the floor area has been increased along with the addition of ergonomic steps.



Transmission

High productivity requires versatility, such as traveling at low or sustained speeds. This tractor's transmission has F12/R12 speed, with six speeds in two ranges. The shuttle shift is electric over hydraulic and is guarded against intrusion. The 540/540E PTO is standard.

Improved Hydraulics

The M5L has two standard rear remote valves. It now offers two self-cancelling detent valves. With 15.7 GPM flow and an optional third remote and flow control valve, this tractor is ready to accept implements requiring multiple valves.



Standard Shielding

Solid steel sloping hood and FRP fenders reduce crop damage. Steel shields for the fuel and DEF tanks are standard. The operators console, left foot area and clutch area are shielded from heat and potential obstacles. The electro-hydraulic shuttle lever is shielded to reduce impact from limbs, as is the down exhaust system and hood intake.



NOTE: The model shown is for US market only. It is also equipped with optional front weights.

Specifications

Model	M5L-111 4WD ROPS	
Engine		
Type (make: Kubota)	V3800-TIEF4 – Direct Injection, water-cooled 4-cycle diesel, Common Rail System, Turbocharger, Intercooler, DPF, DOC, SCR	
Number of cylinders / Aspiration	4 / Turbocharged	
Rated Engine HP (97/68/EC)	HP (kW)	105.6 (78.8)
Engine net power (SAE J1349)	HP (kW)	100 (74.6)
PTO power @rated Engine RPM (OECD CODE2) HP (kW)		89 (66.4)
Total displacement	cu. in. (cc)	230 (3769)
Rated engine	rpm ℓ	2400
Fuel tank capacity	gal. ()	24.3 (92)
Alternator	Amp	80
Transmission		
No. of speeds	F12 / R12 (6x2)	
Main gear shift	Fully synchronized (6 speed) / with Creep opt. F18 / R18	
Shuttle shift	Electro hydraulic shuttle	
PTO		
Type	Live-independent PTO, electro-hydraulic clutch with brake	
Speed	rpm	540 / 540E (opt. 540 / 1000)
Hydraulics		
Pump capacity (3-point hitch)	gpm (/min.)	15.7 (59.4)
3-point hitch / Category	Telescopic lower link ends, stabilizers / II	
Control system	Position, draft (Top link sensing)	
Lift capacity at 24 in. behind lift point (ISO)	lbs. (kg)	4630 (2100)
Lift capacity at 24 in. behind lift point (ASAE)	lbs. (kg)	5181 (2350)
No. of standard remote valves	2 (Max. 3)	
Other features		
Front drive system	Bevel gear type with 55 degree turning angle	
Deck type (rubber-mounted w/ rubber mat)	Semi-flat	
Seat w/ reclining armrest	Std.	
Standard tire size		
Front	9.5 – 20	
Rear	16.9 – 24	
Dimensions & weight		
Overall height (top of ROPS)	in. (mm)	90.6 (2300) / 66.3 (1685) when folded
Overall width (end of fender to end of fender)	in. (mm)	77.6 (1970)
Crop clearance (front axle)	in. (mm)	16.3 (415)
Tractor weight	lbs. (kg)	5904 (2680)

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KUBOTA CANADA LTD.

Head Office:
1155 Kubota Drive, Pickering, Ontario L1X 0H4
TEL: (905) 294-7477

Visit our web site at: www.kubota.ca

