



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 V-3800 Tier IV 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 V-3800 Tier IV engine which has a common rail fuel system, intercooler, exhaust gas recirculation, and employs a diesel particulate filter and selective catalytic reduction for minimized emissions. Additionally, it has an increased alternator capacity (45A to 60A), larger radiator, larger diameter cooling fan, and RPM memory for repetitive actions.

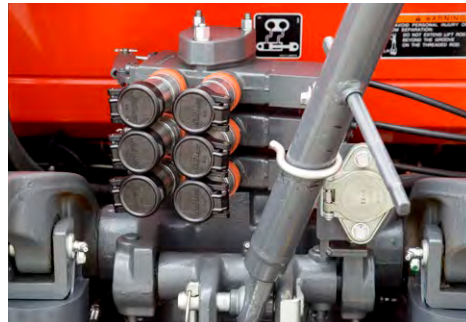
Redesigned Operator Station

To promote operator efficiency all controls are conveniently located on the right side. The floor pedals have been adjusted for better comfort, and the floor area has been increased along with ergonomic steps.



Transmission

High productivity requires versatility, such as traveling at low or sustained speeds. This tractor's transmission has 12F x 12R 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 2 standard rear remote valves. It now offers 2 self-canceling 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 fenders reduce crop damage. Steel shields for the fuel and DEF tanks are standard. Additionally, 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.



*Based on Kubota specifications.

Shown with optional front weights

Specifications

MODEL	M5L-111-SN	
Engine	Type (Make:KUBOTA)	V3800-TIEF4 – 4 cylinders in-line, Common Rail System, Direct Injection, DPF, DOC, SCR
	No. of Cylinders / Aspiration	4 / Turbocharged w/Intercooler
	Engine net HP (SAE J 1349) [HP (kW)]	100 (74.6)
	PTO HP at Rated RPM (OECD CODE2) [HP (kW)]	89 (66.4)
	Total Displacement [cu. in. (cc)]	230 (3769)
	Rated Speed [RPM]	2400
	Fuel Tank Capacity [gal. (ℓ)]	24.3 (92)
	Alternator	60 Amp (Opt 80 Amp)
Transmission	No. of Speeds (Option)	F12 / R12 (F18 / R18 w/creep)
	Main Gear Shift	6 speeds synchronized
	Range Gear Shift	2 speeds synchronized
	Shuttle Shift	Electro Hydraulic Shuttle
	Max. Traveling Speed [mph (km/h)]	19.1 (32.1)
	Brake Type	Hydraulic wet disc
PTO	Type	Live-independent PTO, electro-hydraulic clutch with brake
	PTO Speed [RPM]	540 / 540E (Opt 540 / 1000)
Hydraulics	System	Open Center
	Pump Capacity (3-Point hitch) [gpm (ℓ/min)]	15.7 (59.4)
	3-point Hitch	Telescopic Lower Link ends, Stabilizers
	Control System	Position, Draft (Top link sensing)
	Category	II
	Lift capacity at 24 in.behind lift point OECD* [lbs. (kg)]	4630 (2100), Optional 6063 (2750)
	Lift capacity at 24 in.behind lift point SAE* [lbs. (kg)]	5181 (2350), Optional 7275(3300)
No. of Remote Valves	2 (Max 3)	
Other Features	4WD Drive System	Bevel Gear Type
	Steering	Hydraulic Power Steering
	Tilt Steering	Standard
	Deck Type	Semi-flat w/rubber mat
	Seat	with reclining, arm rest
	RPM Memory	Standard
Standard Tire Size	Front	9.5 - 20
	Rear	16.9 - 24
Dimensions and Weight	Overall Length [in. (mm)]	155.9 (3360)
	Overall Height ROPS raised/ROPS retracted [in. (mm)]	90.6 (2300) / 66.3 (1685)
	Overall Width (end of fender to end of fender) I[n. (mm)]	77.6 (1970)
	Wheelbase [in. (mm)]	88.6 (2250)
	Crop Clearance (Front Axle) I[n. (mm)]	16.3 (415)
	Turning Radius (w/o brake) [ft. (m)]	13.9 (4.25)
	Weight [lbs. (kg)]	5904 (2680)

*At lower link end with links horizontal

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