



For Earth, For Life
Kubota

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KUBOTA NARROW TRACTOR M4N/M5N

New Standards in Narrow Tractor Performance and Operator Comfort

Narrow Enough to Work Between Vines and Powerful Enough to be Part of the M-Series Line-Up

Kubota engineered the M4N/M5N specifically for work in vineyards, orchards or anywhere else that might require a narrow tractor that features M-Series power. With an intelligently revamped operator station, improved hydraulic capacity, and an updated V-3800-Tier IV engine, the M4N/M5N delivers on Kubota's proven versatility, dependability, and strength.

Updated Engine Features

The M4N and M5N have 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 increased alternator capacity (60A to 80A and 100A), larger radiator, larger diameter cooling fan, and RPM memory for repetitious actions.

Three Horsepower Options

M4N-071: 72.6 HP*, 61.0 PTO HP**

M5N-091: 95 Rated HP*, 78.0 PTO HP**

M5N-111: 108 Rated HP*, 91.0 PTO HP**

Improved Hydraulics

The M5N has more standard rear remote valves than before. Now offering 2 valves as standard. With 18.1 GPM flow (16.7 GPM for M4N), an optional third, fourth, or fifth remotes, and all valves being independent flow control valves, the tractor is ready to accept implements requiring multiple valves.



Redesigned Cab

To promote operator efficiency the dash has been updated and contains a multi-function, multi-view intellipanel. All main controls are on the right hand side of the operator while the steering wheel has 40 degrees tilt. Dual side mirrors and an easy access fuse box are standard.

Transmission

High productivity requires versatility, such as traveling at low or sustained speeds. This tractor's transmission has 12F x 12R speed (24F x 24R is available on M5N only), with six speeds in two ranges. The shuttle shift is electric over hydraulic making direction changes a breeze. Bi-Speed turning is standard, as is overdrive, for improved travel speed and 540/540E PTO. It has a declutch button on the 24 speed 540/540E, and all models have wet disc hydraulic brakes and gear lock parking.



*Engine HP @ 2400 RPM (According to 97/68EC)

**PTO Power @ rated engine RPM (Manufacturer's Estimate)

Shown with optional front weights

Specifications

MODEL		M4N-071HDC12	M5N-091HDC12 (HDC24)	M5N-111HDC12 (HDC24)
Engine	Type (Make:KUBOTA)	V3800-TE4 – 4 cylinders in-line, Common Rail System, Direct Injection, DPF, DOC	V3800-TIEF4 4 cylinders in-line, Common Rail System, Direct Injection, DPF, DOC, SCR	
	No. of Cylinders / Aspiration	4 / Turbocharged	4 / Turbocharged w/Intercooler	
	Engine HP (SAE J 1349) [HP (kW)]	70.4 (52.5)	87.5 (65.2)	100.7 (75.1)
	PTO HP at Rated rpm (OECD CODE2) [HP (kW)]	61 (45.5)	HDC12: 78 (58.1); HDC24: 75 (55.9)	HDC12: 91 (67.9); HDC24: 88 (65.6)
	Total Displacement [cu. in. (cc)]	230 (3769)		
	Rated Speed [RPM]	2400	2600	
	Fuel Tank Capacity [gal. (ℓ)]	20.1 (76)		
	Alternator	100 Amp (Opt 130 Amp)	80 Amp (Opt 130 Amp)	
Transmission	No. of Speeds (Option)	F12 / R12 (F18 / R18 w/creep)	HDC12: F12 / R12 (F18 / R18 w/creep); HDC24: F24 / R24 (F36 / R36 w/creep)	
	Main Gear Shift	6 Speeds Synchronized		
	Range Gear Shift	High / Low Range Gear Shift		
	Shuttle Shift	Electro Hydraulic Shuttle		
	Dual Speeds (Hi - Lo)	N/A	HDC12: N/A; HDC24: Std	
	Max. Traveling Speed [mph (km/h)]	22.2 (35.5)	HDC12: 22.2 (35.5) HDC24: 21.9 (35.1)	HDC12: 22.2 (35.5) HDC24: 21.9 (35.1)
	Brake Type	Hydraulic wet disc		
Four Wheel Brake	Std			
PTO	Type	Live-independent PTO, electro-hydraulic clutch with brake		
	PTO Speed [rpm]	540 / 540E		
Hydraulics	System	Open Center		
	Pump Capacity (3-Point Hitch) [gpm (ℓ/min)]	23 (87.2)	24.9 (94.5)	
	3-point Hitch	Telescopic Stabilizers		
	Control System	Position, Draft (Top link sensing)		
	Category	II		
	Lift capacity at 24 in. behind lift point (OECD)* [lbs. (kg)]	3307 (1500)		
No. of Remote Valves	2 (Max 5)			
Other Features	4WD Drive System	Bevel Gear Type		
	Steering	Hydraulic Power Steering		
	Tilt Steering	Standard		
	Hood Type / Pedal Type	Full open, Slanted, Steel / Hanging		
	Panel Type	Electronic		
	Seat	with Reclining, Arm Rest		
	RPM Memory	Standard		
Standard Tire Size	Front	8.0 - 16		
	Rear	12.4 - 24		
Dimensions and Weight	Overall Length [in. (mm)]	149.2 (3790)	155.5 (3950)	
	Overall Height Top of CAB [in. (mm)]	90.2 (2290)		
	Overall Width (Left Step to end of Right fender) [in. (mm)]	53.9 (1370)		
	Wheelbase [in. (mm)]	83.9 (2130)		
	Crop Clearance (Front Axle) [in. (mm)]	14.6 (370)		
	Turning Radius (w/o brake, w/Hi Speed) [ft. (m)]	12.5 (3.8)		
Weight [lbs. (kg)]	5291 (2400)	5622 (2550)		

*At lower link end with links horizontal



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