

#Technical data

Model	M5091 N	
Cab		
Engine	Kubota	
Engine Type	V3800-CR-TIEF4	
Displacement/No. of cylinders	cm ³	3,769/4 valves
Rated speed	rpm	2,600
Rated Power (97/68/EC)	hp	93
Maximum torque	N.m	293
Engine speed for max torque	rpm	1,500
Fuel Tank capacity	l	76
Transmission		
Type - Main gear shift	6 speed synchronised; Option: Dual speed	
Range gear shift	3	
No. of speeds	F18 / R18	
Max. Travelling speed	km/h	30 Eco
Overdrive	Engine rpm	2,095
Shuttle shift	Microprocessor-controlled electro-hydraulic shuttle	
Main clutch	Multiple wet disc, electro-hydraulically operated	
Brake type	Hydraulically operated wet disc brakes, with automatic front axle engagement (4WD)	
4WD engagement	Electro-hydraulic	
Rear differential lock	Mechanical type	
PTO		
Speed	rpm	540/540 Eco; Option 1,000
Activation	Electro-hydraulic	
Hydraulics		
Pump capacity	l/min	69
3-point hitch (Category II)	Quick-hitch lower link ends, telescopic stabilizers	
Control system	Position and draft control	
Lift capacity at lift end	kg	2,300
No. of hydraulic valves and type	Standard 2 with flow control; max. 5	
No. of optional front hydraulic outlet (option)	5	
Standard tyres size	F/R	F:280/70R18
Dimensions & weight		
Overall length	mm	3,975
Overall height (folderable DTH)	mm	2,361
Overall width min. - max.	mm	1,370 – 1,531
Wheelbase	mm	2,233
Tread width	Front (Std)	mm 1,045 – 1,253
	Rear (Std)	mm 1,070
Turning radius (w/o brake)	mm	4,550
Tractor weight	kg	3,393

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Kubota

For Earth, For Life

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KUBOTA M5001 N SERIES

M5091 N Power Crawler



M5001 Narrow Power Crawler: a slender worker

The M5001N is a highly productive professional vehicle for demanding farmers. In vineyards and orchards, it is characterized by highest agility, versatility and impressive performance. The special “power crawler” version is the right solution when traction is critical or when a low ground pressure is required.



Rear hitch

With a lifting capacity of 2,300 kg, the M5001N lifts even heavy implements with ease.

Cabin

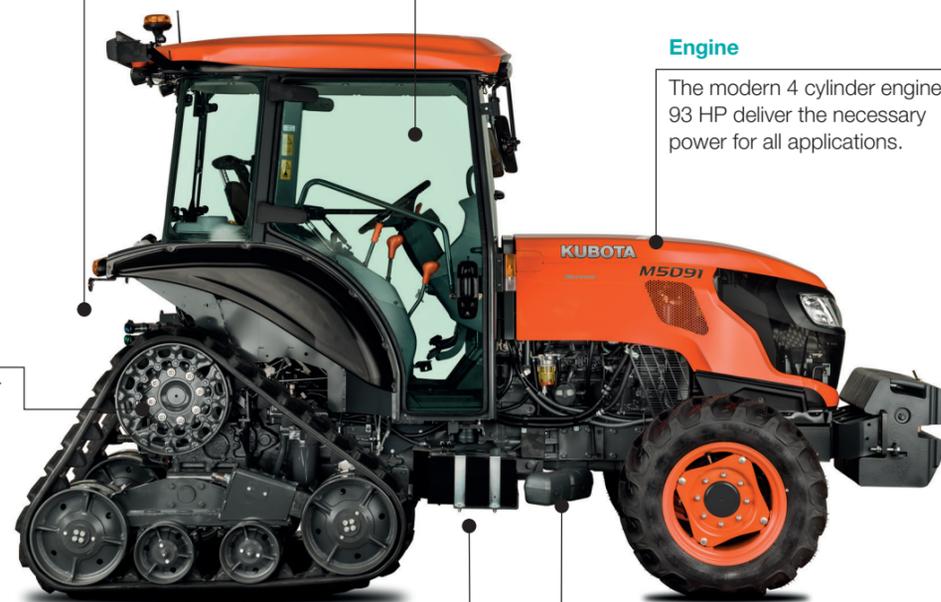
The large, comfortable flat floor cab enables pleasant and productive work. All controls are ergonomically positioned within easy reach of the driver.

Engine

The modern 4 cylinder engine 93 HP deliver the necessary power for all applications.

Power crawler

The power crawler on the rear axle increases the traction whilst reducing ground pressure at the same time.



Manoeuvrability

An excellent steering angle gives the tractor unparalleled manoeuvrability. This results in an excellent turning radius.

Transmission

The 18F/18R transmission of the M5001 N provides everything that is needed for effortless usage in orchards and vineyards.

#New features



Get used to a lot of space

Kubota has given the new M5001N a cab that provides a host of superlatives: unique spaciousness, exemplary work environment, excellent all-round visibility. The development of the cab focused clearly on one of your main demands: namely high quality of work and comfort. Proven components and smart improvements make the cab your efficient command centre for long working days. The new designed flat floor cab delivers also more comfort on the ground with more increased leg space and no obstacles between your feet.



Market-leading technology under the hood

A strong heart beats under the bonnet of the M5001N. The new V-3800 TIE 4F 4-cylinder engine with 3B emission level provides 93 HP (according to 97/68 EC). This is made possible by Kubota's worldwide leading position in diesel engine technology. The outstanding reliability, strength and cleanliness of the engine will impress you. The M5001N has a sizeable 3.8 l engine under the bonnet – which is unique in this horsepower class, and gives the model the right power for all jobs.



The right gear for every task

With great efficiency at low and high speeds, the finely harmonized and smooth shifting transmissions stand for shifting pleasure, reliability and economy. Thanks to the electro-hydraulic shuttle lever of the M5001N, you can change direction quickly and easily without using the clutch. The overdrive function of the transmission keeps the engine speed low when driving at high speeds. The 30-ECO transmission gets you to your destination quickly while at the same time saving fuel and reducing the noise level.



Highly efficient hydraulics and PTO shaft

More power and performance for all tasks is the motto for the lift linkage of the M5001N. Thanks to its stable category II 3 point hitch, the tractor can lift heavy equipment with ease. 2,300 kg lifting capacity speak for themselves. When it comes to the hydraulic system, the cab version of the M5001N gives you a choice. You have the option of extending the number of hydraulic connections on the front and rear of the tractor from the standard two to five. Five hydraulic connections with flow control enable you to carry out various tasks at the same time with a single implement using up to five control units – which greatly simplifies even the most demanding tasks.



Agile and manoeuvrable

In terms of maneuverability, the Kubota M5001N is in a class of its own. You can see evidence of this whenever things get really tight. The tractor also scores bonus points in traction and ground clearance—further convincing reasons to go with the Kubota M5001N.