

McCormick X60 Series Tractors

X60

92 to 121 Engine HP



McCORMICK™



ENGINE

The X60 range is powered by the *Perkins 1104D-TA* series turbocharged and intercooled 4-cylinder engines delivering 92.5, 102, 110 and 112 horsepower (ISO). The X60.50 model features an electronic injection engine equipped with a *Power Management* system which automatically delivers up to 121 hp, when needed, during PTO work and transport applications to handle tough conditions.

These *Perkins* models meet the *EPA's* emission standards while ensuring high torque levels, excellent fuel economy and low noise. The tilt-up hood provides easy access to the engine compartment for routine service and maintenance. (fig. A)

FRONT AXLE

The 4WD front axle with electro-hydraulic engagement and 55-degree steering angle ensures optimum ground clearance and excellent maneuverability. The combined action of the front and rear wet disc brakes makes for safe and effective braking on all four wheels. (fig. B)



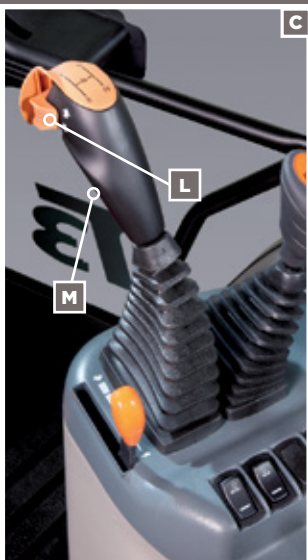
FRONT POWER LIFT AND PTO (OPTIONAL)

The front power lift with Category 2 rear 3-point hitch features raise/lower and float control functions and delivers a lift capacity of 5,500 lb. The front PTO is a 1000 RPM design with electro-hydraulic engagement via simple push button. The front power lift and PTO have been specially designed to enhance the versatility of the X60 tractor range, making it ideal for the use of rear and front implement combinations.

TRANSMISSION

The *Xtrashift* transmission features 36 forward and 12 reverse speeds with hydraulic power shuttle as standard equipment. A 12-speed mechanical gearbox with 4 gears and 3 ranges operates via shift levers to the right of the operator's seat. A toggle switch on the main gearshift lever operates 3 power shift speeds that can shift under load to quickly react to changing field conditions. An optional creeper gear provides additional low speeds for specialty applications.

A de-clutch button (fig. M) on the main gearshift lever allows the operator to shift gears and/or neutralize the transmission when pressed, providing simple and convenient operation. The *Xtrashift* transmission is also equipped with Shuttle Modulation Control (fig. N). A simple rotary knob on the front dash allows the operator to adjust how aggressively the transmission shifts gears when changing direction.



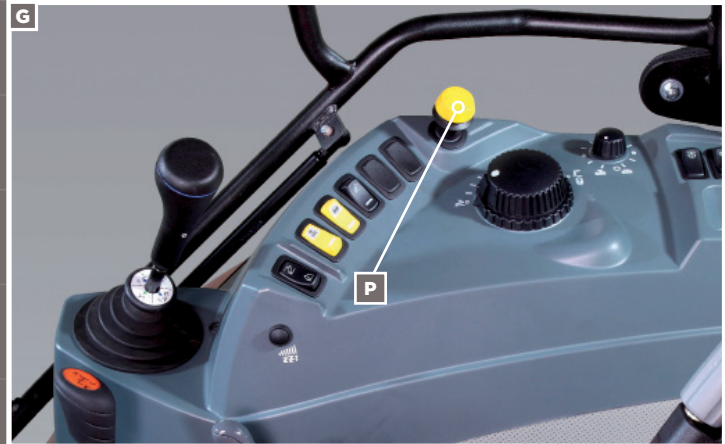
POWER LIFT

The electronically operated power rear lift system (fig. G), incorporates all main functions in the right hand console for easy reach and operation for maximum control of mounted implements. The Category 2 rear 3-point hitch (fig. F) with 2 auxiliary cylinders ensures a lift capacity of up to 11,023 lb.



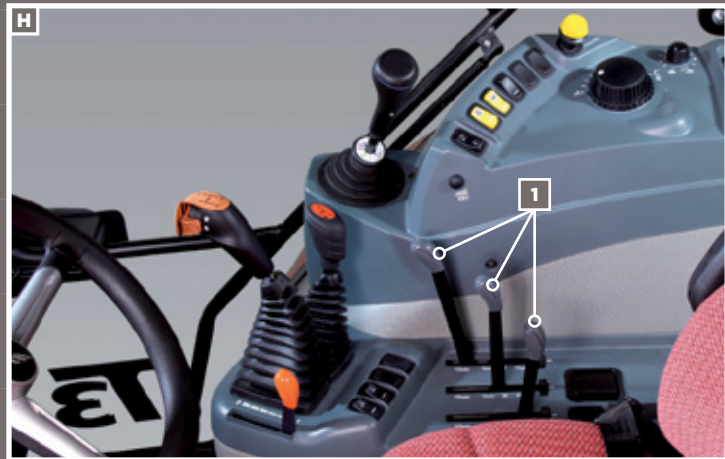
POWER TAKE-OFF

The X60 tractors feature a highly efficient PTO providing both 540 and 1000 RPM speeds to power a wide variety of implements. The X60.50 model is equipped with the *Power Management* system which makes use of the engine electronics to deliver up to 10 additional horsepower and extra torque, when the PTO is operating under load, to power through tough spots in the field and improve performance and productivity. The multi-disc wet clutch is hydraulically operated via a push-button (P) and allows smooth and progressive engagement of the PTO, ensuring a smooth startup and reducing the risk of driveline damage (fig. G).



HYDRAULIC SYSTEM AND REMOTE VALVES

The open center hydraulic system features two pumps that provide over 23 gpm of total flow: 15.8 gpm dedicated to the remote valves and 3-point hitch, and 7.9 gpm for steering and other services. All models are built with 3 rear remotes valves as standard equipment with simple lever controls to the right of the seat for easy reach and operation (fig. H) (1).



CAB

The *Deluxe* cab features a four-post design with large, rear-hinged doors which provide excellent visibility in all directions and allow the operator to enter and exit with ease. The quality and design of the ergonomically-arranged controls and the excellent sound-proofing maximize the operator's comfort. A window in the front roof line improves visibility and makes front loader operations easier. Equipped with an adjustable air-ride seat, adjustable steering wheel and an efficient climate control system, the cab of the X60 tractor range offers the ideal environment for long hours in the field (fig. I). The powerful halogen lights provide greater visibility during night work.



	X60.20	X60.30	X60.40	X60.50
PERFORMANCE AND ENGINE				
Max. Engine HP (ISO)	92.5	102	110	112
Engine HP (ISO) with Power Management for PTO	—	—	—	121
Net PTO HP (ISO) with Power Management	83	92	99	108
Max. Torque (with Power Management) lb. ft.	289	306	302	343 (358)
Engine RPM at Max. Torque	1400			
Engine Type	Perkins® Tier 3 direct injection liquid cooled diesel			
Cylinders / Displacement / Aspiration	4-cylinders / 4.4 liters / turbocharged and intercooled			
Fuel Tank Capacity	47.2 gallons, under platform for ground-level fueling			
TRANSMISSION AND DRIVETRAIN				
Clutch	Wet multi disc			
Transmission with power shuttle	36x12; 4 gears and 3 ranges with 3-speed push-button power shift			
Transmission with power shuttle and Creeper	48x16; 4 gears and 4 ranges with 3-speed push-button power shift			
Differential Lock	Fully locking front and rear axles; electro-hydraulic engagement			
Brakes	Internal hydraulic wet disc brakes in both front and rear axles			
4wd Front Axle	Electro-hydraulic engagement, 55 degree steering angle			
Steering Type/ Flow	Hydrostatic power steering / 7.9 gpm			
POWER TAKE-OFF				
PTO Type	Independent, electro-hydraulic engagement			
PTO Speeds	540 and 1000 RPM standard, ground speed PTO optional			
HYDRAULICS AND 3-POINT HITCH				
Hydraulic System Type / Flow at Remotes	Open center / 15.8 gpm			
Rear Remote Valves	3 standard			
3-point Hitch Type	Category 2 with position and draft control			
Electronic 3-point Hitch Control	All models			
3-point Hitch Lift Capacity	11,023 lbs at ball ends			
OPERATOR'S AREA				
Cab Configuration	4-post structure, 2 doors, HVAC, air-suspended cloth seat, tilt steering			
Cab Features	Front roofline window, external mirrors, front and rear work lights			
DIMENSIONS				
Overall Length with Ballast (in)	173			
Wheelbase (in)	96.5			
Height Over Cab (in)	108			
Cab Base Weight without Ballast (lbs)	9,259			
Minimum Width	92.4			
Ground Clearance	16.5			
Standard Tires	Front 440/65R24		Rear 540/65R34	

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