

McCormick X60 Series Tractors

X60

20-30-40-50 (T3)




McCORMICK™



ENGINE

The X60 range is powered by the new *Perkins 1104D-TA* series 4-cylinder turbo-aftercooled engines delivering 92.5, 102, 110 and 112 hp (ISO). The X60.5 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 suit tough conditions. The new *Perkins* models meet the *Tier 3* emission standards while ensuring excellent torque backup, high fuel economy and low noise levels. 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 cat. 2 three-point hitch features raise/lower and float control functions and ensures a lift capacity of 2500 kg. The PTO with hydraulic engagement by pushbutton delivers a speed of 1000 rpm. 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 enables the 12 gears of the basic gearbox (*Speed Four*) to be tripled under load using the yellow switch (L) on the gear shift lever, thus providing a total of 36 forward and 12 reverse speeds (fig. C). A creep transmission is available as an option, increasing the number of speeds to 48 forward and 16 reverse. The *De-Clutch Control* (button (M) on the gear shift lever) and the *Reverse Power Shuttle* (lever under the steering wheel) (fig. D) allow the operator to change gear and shift from forward to reverse without using the clutch pedal. In addition, the electronically-controlled power shuttle has been integrated with a new feature called *Shuttle Modulation Control*. This consists of a potentiometer (N) fitted on the control panel (Fig. E) which allows the responsiveness of the power shuttle to be adjusted to suit different implements and operating conditions.



POWER LIFT

With the controls ergonomically arranged on the right-hand console (*fig. G*), the new electronic power lift incorporates all main functions and regulations offering maximum comfort and fingertip control of implements. The cat. 2 three-point hitch (*fig. F*) with 2 auxiliary cylinders ensures a lift capacity of up to 5000 kg.

POWER TAKE-OFF

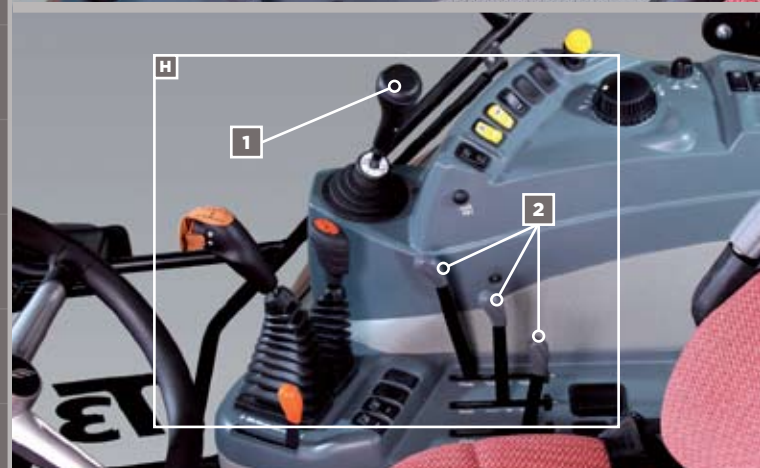
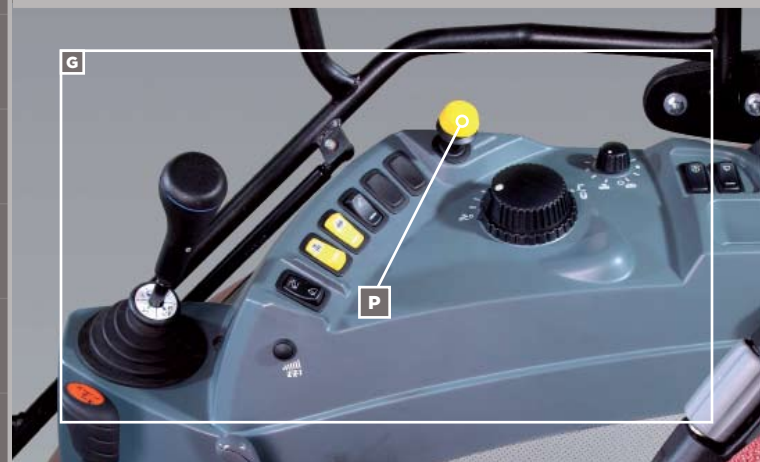
The X60 tractors feature a highly efficient PTO offering a choice of two speeds: 540/750 or 540/1000 rpm. An additional 3-speed PTO providing 540/750/1000 rpm is available as an option for increased versatility. The X60.50 model is equipped with the *Power Management* system which makes use of the engine electronics to deliver up to 10 hp extra power and torque, when the PTO is operating under load, thus enhancing the tractor 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, thus ensuring a soft starting of the implements (*fig. G*).

HYDRAULIC SYSTEM AND REMOTE VALVES

The new hydraulic system provides a maximum total flow of 90 l/min. The system features five remote valves with lever controls integrated in the right-hand console (*fig. H*). Two of the valves are operated by a joystick (1) to make front loader operations easier, while the other three are controlled by levers (2) for maximum implement versatility and efficiency.

CAB

The *Deluxe* cab features a four-post design with large, rear-hinged doors which provide total all-round visibility 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 comfort. An athermic glass sliding sunroof makes front loader operations easier. Equipped with pneumatic suspension 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. The powerful halogen lights provide greater visibility during night work. (*fig. I*)



		X60.20 (T3)	X60.30 (T3)	X60.40 (T3)	X60.50 (T3)
ENGINE					
PERKINS TIER 3		1104D-44TA	1104D-44TA	1104D-44TA	1104D-E44TA
MAX. ENGINE POWER (ISO RATING)	HP/KW	92.5 / 68	102 / 75	110 / 81	112 / 82
ENGINE POWER WITH POWER MANAGEMENT FOR PTO (ISO RATING)	HP/KW	-	-	-	121 / 89
25 MPH "FUEL SAVE" - REDUCED ENGINE RPM	RPM	-	-	-	1830
RATED SPEED	RPM	2200	2200	2200	2200
MAX. TORQUE (WITH POWER MANAGEMENT)	NM	393	416	410	466 (486)
MAX. TORQUE SPEED	RPM	1400	1400	1400	1400
BORE / STROKE	MM	105 / 127	105 / 127	105 / 127	105 / 127
DISPLACEMENT	CM ³	4400	4400	4400	4400
NO. OF CYLINDERS/TURBO AFTERCOOLER/INJECTION		4 / TA / MECH..	4 / TA / MECH.	4 / TA / MECH.	4 / TA / ELECT.
FUEL TANK CAPACITY	GALLONS	47.5	47.5	47.5	47.5
XTRASHIFT TRANSMISSION WITH 3 POWERSHIFT SPEEDS					
MULTI-DISC WET CLUTCH			●	●	●
XTRASHIFT+SPEED.FOUR+ HYDR. POWER SHUTTLE. (40 KM/H)		36FWD+12REV	36FWD+12REV	36FWD+12REV	36FWD+12REV
XTRASHIFT + SPEED.FOUR + CREEPER + HYDR. POWER SHUTTLE.		48FWD+16REV	48FWD+16REV	48FWD+16REV	48FWD+16REV
POWER TAKE-OFF					
HYDRAULICALLY-ENGAGED, WET MULTI-DISC PTO		●	●	●	●
ELECTROHYDRAULIC ENGAGEMENT		●	●	●	●
2 SPEEDS: 540/1000 RPM		○	○	○	○
1"3/8 (34.9MM) PTO SHAFT WITH 6 SPLINES		●	●	●	●
1"3/8 (34.9MM) PTO SHAFT WITH 21 SPLINES		○	○	○	○
GROUND SPEED PTO		○	○	○	○
NET PTO POWER (ISO RATING)	HP/KW	83.3 / 61	91.8 / 67,5	99 / 72,5	108
FRONT 4WD AXLE					
ELECTROHYDRAULIC 4WD ENGAGEMENT		●	●	●	●
MAX. STEERING ANGLE		55°	55°	55°	55°
ELECTROHYDRAULIC DIFF-LOCKS		●	●	●	●
BRAKES					
HYDROSTATIC CONTROL		●	●	●	●
GRAPHITE REAR WET BRAKES - 10 DISCS		●	●	●	●
GRAPHITE FRONT WET BRAKES - 4 DISCS		●	●	●	●
IBS - INTEGRAL BRAKING SYSTEM		●	●	●	●
HYDRAULIC POWER LIFT					
ELECTRONICALLY OPERATED		●	●	●	●
LIFT CAPACITY WITH TWIN ASSISTOR RAMS	LBS	11,023	11,023	11,023	11,023
HYDRAULIC PUMP FLOW (HITCH + STEERING)	G/MIN	15.8+7.9	15.8+7.9	15.8+7.9	15.8+7.9
CAT 2 THREE-POINT HITCH		●	●	●	●
REMOTE VALVES STANDARD / OPTIONAL		3 / 5	3 / 5	3 / 5	3 / 5
CAB AND DRIVING POSITION					
"DELUXE" CAB / AUTO-RADIO FITTING FACILITIES		●	●	●	●
HEATING/VENTILATION		●	●	●	●
AIR-CONDITIONING		●	●	●	●
AIR SUSPENSION SEAT		●	●	●	●
DIMENSIONS AND WEIGHTS					
FRONT TIRES		440/65R24	440/65R24	440/65R24	440/65R24
REAR TIRES		540/65R34	540/65R34	540/65R34	540/65R34
LENGTH	IN	173	173	173	173
WHEELBASE 4WD	IN	96.5	96.5	96.5	96.5
MIN. WIDTH	IN	92.4	92.4	92.4	92.4
HEIGHT OVER DELUXE CAB	IN	108	108	108	108
GROUND CLEARANCE	IN	16.5	16.5	16.5	16.5
WEIGHT IN RUNNING ORDER (WITHOUT BALLAST)	LBS	9259	9259	9259	9259
OPTIONAL TIRES					
FRONT 4WD		380/70R24	380/70R24	380/70R24	380/70R24
REAR 4WD		480/70R34	480/70R34	480/70R34	480/70R34
FRONT 4WD		420/70R24	420/70R24	420/70R24	420/70R24
REAR 4WD		480/70R38	480/70R38	480/70R38	480/70R38
FRONT 4WD		480/65R24	480/65R24	480/65R24	480/65R24
REAR 4WD		600/65R34	600/65R34	600/65R34	600/65R34
OPTIONAL EQUIPMENT					
NO. 6 / 9 FRONT WEIGHTS 100 LBS EACH		○	○	○	○

Key: ● standard ○ option — not available

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