

X6

121 to 140 Engine HP

McCORMICK



Innovative design for unmatched comfort and productivity

Comfortable, Productive Working Environment

The deluxe cab features a large, 4-post design with completely flat foot deck and two doors for easy entry and exit. A heavy duty HVAC system and premium air-suspended cloth seat create a comfortable interior for less fatigue during long working days. An available cushioned instructor's seat is adjustable for comfort, and folds away when not in use. Tilt/telescopic steering with integrated front dash, and an intuitive layout of controls, keep the driver informed and make operation easy. The cab sits up high on the tractor chassis to offer excellent visibility in all directions.



Convenient Controls

Most major tractor functions have controls located in the right side console within easy reach of the operator. Positioned for quick identification and simple operation, the intuitive layout ensures maximum productivity.

BETAPOWER Diesel Engines

The X6 tractors are powered by a 4.5 liter, 4-cylinder BETAPOWER diesel engine with advanced SCR technology that delivers power and performance while meeting the EPA's strict Tier 4i emissions requirements. The electronic common rail fuel injection system, along with turbocharging and intercooling, helps to generate high, sustained torque to keep the wheels turning and get work done. The engine also features the 'PowerPlus' system which delivers extra power and torque in PTO and transport operations to handle tough conditions and heavy loads, while maintaining speed and productivity.



4wd Front Axle

The standard 4wd front axle offers a high 55-degree steering angle for excellent maneuverability in tight spaces. Push-button 4wd engagement increases traction and pulling power for better field performance. The durable wet disc clutch and outboard planetary final drives ensure a long service life on the farm. A fully locking front differential engages automatically with the rear differential, at the push of a button, to further increase traction. Inte-

grated front axle brakes are standard equipment to improve stopping power for safety.

Venerable Xtrashift 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 synchronized 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 an additional low range for specialty applications.

A de-clutch "trigger" button 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. A simple rotary knob on the front dash allows the operator to adjust how aggressively the transmission shifts gears when changing direction.



Rear 3-point Hitch and PTO

An ASABE Category 2 rear 3-point hitch operates electronically using simple controls in the right hand console and has a massive 11,905 lb (5400 kg) lift capacity for handling large mounted implements.

X6 tractors offer both 540 and 1000 RPM PTO speeds to power a wide variety of implements. A wet disc PTO clutch engages with the press of a button for smooth PTO start-up. A simple hand lever near the seat selects the PTO gear.

External rear fender buttons on both sides of the tractor allow the operator to start and stop the rear PTO, as well as raise and lower the 3-point hitch, from outside the cab for an extra level of convenience.



Choice of Hydraulic Systems

The X6 Series offers customers a choice of either a simple, economical open center or a high performance, high-flow closed center hydraulic system.

- The open center system incorporates two gear-type hydraulic pumps mounted to the transmission. One pump provides up to 10 gpm (38 lpm) of flow to the steering system, while the second pump delivers up to 17.4 gpm (66 lpm) of flow to the remote valves, 3-point hitch, and loader.
- The closed center PFC option uses a variable displacement pump to provide up to 29 gpm (110 lpm) of oil flow to the implement system. The advantage of a closed center system is that it delivers oil flow instantly and on demand when required, and conserves engine power when no oil is needed. A separate 10 gpm (38 lpm) gear pump is dedicated to the steering system.



High Performance Front Loaders

Each X6 tractor can be equipped with a front end loader to improve overall versatility. All McCormick loaders are manufactured by Alo, and four models are available to fit the needs of the job at hand.

Loader Model	L441	L446	L451	L456
Loader Type	Non-Self Leveling	Self Leveling	Non-Self Leveling	Self Leveling
Max. Lift Height at Pivot Pin	148 (3750)	148 (3750)	157 (4000)	157 (4000)
Lift Capacity to Max. Height 31.5" (800 mm) Forward of Pivot Pin	3,307 (1500)	3,593 (1630)	3,616 (1640)	3,792 (1720)
Breakout Force at Ground Level 31.5" (800 mm) Forward of Pivot Pin	3,814 (1730)	4,211 (1910)	4,101 (1860)	4,564 (2070)
Bucket Rollback Force 31.5" (800 mm) Forward of Pivot Pin	6,173 (2800)	6,107 (2770)	6,261 (2840)	6,195 (2810)
Loader Weight	1,135 (515)	1,290 (585)	1,221 (554)	1,369 (621)

Tractor Model		X6.420	X6.430	X6.440
Engine				
Rated Engine HP @ 2200 RPM (ISO)	HP (kW)	111 (82)	121 (89)	130 (96)
Rated PTO HP @ 2200 RPM* (ISO)	HP (kW)	101 (74)	111 (82)	120 (89)
Max. Engine HP with Power Plus (ISO)	HP (kW)	121 (89)	133 (98)	140 (103)
Max. PTO HP with Power Plus* (ISO)	HP (kW)	109 (81)	121 (89)	128 (95)
Max. Engine Torque with Power Plus	lb ft (Nm)	367 (498) @ 1400 RPM	405 (549) @ 1400 RPM	425 (577) @ 1400 RPM
Engine Type	BETAPOWER diesel engine, Tier 4i using advanced Selective Catalytic Reduction (SCR) technology			
Engine Size	4.5 Liter 4-cylinder			
Fuel / DEF Capacity	gal (liter)	47.6 (180) / 6.6 (25)		
Drive Train				
Standard Transmission	36 x 12 speeds: hydraulic power shuttle; 3-speed power shift; 25 mph (40 kph) transport speed			
Optional Transmission	48 x 16 speeds with creeper gear			
Clutch	Wet multi-disc main clutch			
Rear Axle	Internal planetary final drives; heavy duty wet disc brakes; flange axle			
Differential Lock	Front and rear fully locking differentials; electronic control; hydraulic engagement			
4wd Front Axle	Electro-hydraulic engagement with integrated front axle brakes			
Hydraulics, 3-point Hitch, PTO				
Standard Hydraulic System (Open Center)	gpm (lpm)	Dedicated steering pump 10 (38); implement pump 17.4 (66)		
Optional Hydraulic System (Close Center)	gpm (lpm)	Dedicated steering pump 10 (38); variable implement pump 29 (110)		
Rear Remote Valves	3 standard; up to 5 available			
Rear 3-point Hitch Type	Category 2; electronic control; rear fender controls			
Rear 3-point Lift Capacity @ Hitch	lb (kg)	11,905 (5400)		
Rear PTO	540 / 1000; electro-hydraulic engagement; rear fender controls			
Operator's Area				
Cab	Large 4-post structure; 2 doors; flat foot deck; standard HVAC; sound system			
Seat and Front Dash	Deluxe air suspended seat; tilt and telescopic steering wheel; instructor's seat			
Wheelbase	in (mm)	100 (2540)		
Height Over Cab <i>with standard wheel equipment</i>	in (mm)	110.4 (2805)		
Overall Length <i>with front weights</i>	in (mm)	173 (4400)		
Base Weight <i>without ballast</i>	lb (kg)	10,360 (4700)		

* Manufacturer's calculated estimate

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