

X6L

143 to 163 Engine HP

McCORMICK



The McCormick X6L Series...

...meet your new farmhand

Simple. Durable. Reliable

Built to be an economical, reliable “workhorse” around the farm, the X6L Series offers a simple solution to those needing a strong, dependable tractor. The two models combine powerful performance with basic features and modern styling.

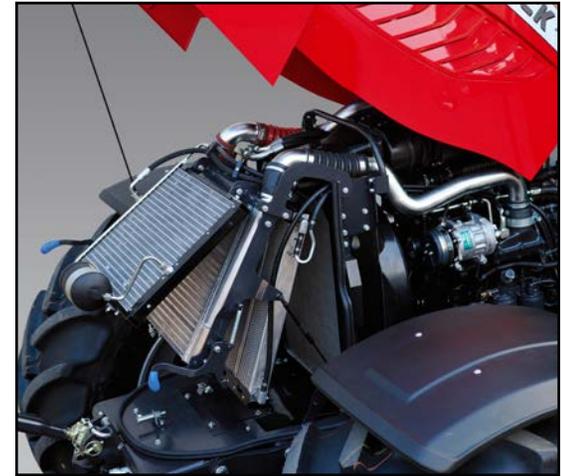


Comfortable, Productive Working Environment

The spacious 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 air-suspended cloth seat create a comfortable interior for less fatigue during long working days. A cushioned instructor's seat is standard equipment and folds away when not in use. Tilt/telescopic steering with digital/analog 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.

BETAPOWER Diesel Engines

The X6L 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. A system of radiators at the front of the engine pivot outwards with ease, providing additional room between the heat exchangers for convenient service and maintenance. The single piece hood opens widely for full access to the engine compartment.



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

Reliable Power Shuttle Transmission

The X6L comes standard with a simple, reliable 18-speed gearbox featuring 6 synchronized gears and 3 ranges. A convenient left hand shuttle lever near the steering wheel operates the hydraulic power shuttle for easy direction changes without having to use the foot clutch pedal. An optional creeper gear set offers slow travel speeds with high RPM for specialty applications.

An orange de-clutch button on the main gearshift lever allows the operator to shift gears and/or neutralize the transmission when pressed, providing simple and convenient operation.

For even greater versatility, the transmission in the X6L Series offers 3 additional speeds as standard equipment (Hi/Med/Lo). Operated via simple push buttons in the main shift lever, the operator can easily shift through the synchronized gears in the forward direction without using the foot clutch, adding to the machine's productivity.



Heavy Duty Rear Axle

Heavy duty farm work requires a heavy duty farm tractor. The X6L is built for tough days around the job site. The massive rear transaxle features a solid cast steel design with inboard planetary final drives to handle high stress loads. Internal wet multi-disc brakes are hydraulically assisted for excellent stopping power, and the rear differential locks hydraulically with the press of a button to increase traction and pulling efficiency.

The rear axle can support a massive 3-point lift capacity of up to 18,480 lbs (8400 kg) for operating large, heavy implements. The hitch operates electronically and offers rear fender controls for convenience.



High-Flow Hydraulics

The X6L Series boasts a robust open center hydraulic system with separate, dedicated hydraulic pumps for the implement system and for the steering system. Up to 23 gpm (87 lpm) of hydraulic flow is available to the implement system for operating the rear 3-point hitch, remote valves, and loader. The simple system design and high flow rate ensure that implements respond quickly and a loader cycles faster for maximum productivity. All models have 3 rear remote valves standard, with up to 5 available for connecting a large assortment of attachments.

Versatile Power Take Off (PTO)

The X6L Series offers both 540 and 1000 RPM PTO speeds as standard equipment to drive a wide range of implements. The rear shaft engages electronically via a convenient switch in the cab. Rear fender controls allow operation from either side of the rear of the tractor.



High Performance Front Loaders

Each X6L tractor can be equipped with a front end loader to improve overall versatility. All McCormick loaders are manufactured by Alo, and three models are available to fit the needs of the job at hand.

| Loader Model | | L451 | L456 | L458 |
|---|---------|-------------------|-----------------|-----------------|
| Loader Type | | Non-Self Leveling | Self Leveling | Self Leveling |
| Max. Lift Height at Pivot Pin | in (mm) | 157 (4000) | 157 (4000) | 157 (4000) |
| Lift Capacity to Max. Height 31.5" (800 mm) Forward of Pivot Pin | lb (kg) | 3,616 (1640) | 3,792 (1720) | 4,431 (2010) |
| Breakout Force at Ground Level 31.5" (800 mm) Forward of Pivot Pin | lb (kg) | 4,101 (1860) | 4,564 (2070) | 5,313 (2410) |
| Bucket Rollback Force 31.5" (800 mm) Forward of Pivot Pin | lb (kg) | 6,261 (2840) | 6,195 (2810) | 8,488 (3850) |
| Loader Weight | lb (kg) | 1,221 (554) | 1,369 (621) | 1,369 (621) |

| Tractor Model | | X6.460 | X6.470 |
|--|--|--|---------------|
| Engine | | | |
| Rated Engine HP @ 2200 RPM (ISO) | HP (kW) | 131 (96) | 150 (110) |
| Rated PTO HP* @ 2200 RPM (ISO) | HP (kW) | 105 (78) | 123 (92) |
| Max. Engine HP @ 1900 RPM (ISO) | HP (kW) | 143 (105) | 163 (120) |
| Max. PTO HP* @ 1900 RPM (ISO) | HP (kW) | 117 (87) | 137 (102) |
| Max. Engine Torque @ 1400 RPM | lb ft (Nm) | 434 (590) | 497 (676) |
| Torque Rise | | 41 % | 41 % |
| 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) | 70.5 (270) / 10 (38) | |
| Drive Train | | | |
| Transmission Type | 18 x 18 main gearbox; 25 mph (40 kph) transport speed | | |
| Gears and Ranges | 6 gears and 3 ranges; 3 push-button speeds; optional creeper | | |
| Shuttle Type | Power shuttle with left hand control lever near steering wheel | | |
| Clutch | Wet multi-disc main clutch; foot pedal and push button operation | | |
| Rear Axle | Heavy duty chassis; internal planetary final drives; 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 | | | |
| Implement Hydraulic System Type / Flow | gpm (lpm) | Open center system with dedicated implement pump / 23 (87) | |
| Rear Remote Valves | | 3 standard; up to 5 available | |
| Rear 3-point Hitch Type | | Category 2/3; electronic control; rear fender controls | |
| Rear 3-point Lift Capacity @ Hitch | lb (kg) | 15,430 (7000) | 18,480 (8400) |
| 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 | | |
| Seat and Front Dash | Deluxe air suspended seat; tilt and telescopic steering wheel; fold-away instructor's seat | | |
| Wheelbase | in (mm) | 107 (2734) | |
| Height Over Cab <i>with standard wheel equipment</i> | in (mm) | 110 (2800) | |
| Overall Length <i>with front weights</i> | in (mm) | 207 (5270) | |
| Base Weight <i>without ballast</i> | lb (kg) | 13,200 (6000) | 13,530 (6150) |

* Manufacturers calculated estimate.