

CASE *ii*

JX SERIES TRACTORS
45-80 PTO HP



MEET THE VALUE LINE-UP OF TRACTORS FROM CASE IH. FIVE JX SERIES MODELS WITH 3- AND 4-CYLINDER DIESEL ENGINES RANGING FROM 45 TO 80 PTO HORSEPOWER. IDEAL FOR ALL-PURPOSE APPLICATIONS SUCH AS LOADER WORK, MOWING, BALING, BOX BLADING, AND MORE, JX SERIES TRACTORS PROVIDE NO-FRILLS ECONOMY WITH RELIABLE PERFORMANCE.

ALL THE SOLUTIONS YOU'LL NEED - THESE SIMPLE WORKHORSE TRACTORS COME AS FLAT-DECK CAB OR ROPS MODELS WITH 2-WHEEL DRIVE OR MECHANICAL FRONT-WHEEL DRIVE. THE CONVENIENT SHUTTLE SPEEDS CYCLE TIMES DURING REPETITIVE LOADER WORK. AND TO MAKE SHORT WORK OF YOUR MOWING AND BALING CHORES, ALL JX SERIES MODELS FEATURE 540 RPM FULLY INDEPENDENT PTO OR AN OPTIONAL 540/1000 RPM SHAFT ON JX95 MODELS.

IN SHORT, THESE VALUE-BASED TRACTORS CAN BE EQUIPPED WITH THE RIGHT MIX OF FEATURES TO BECOME THE HARDEST-WORKING HIRED HAND IN YOUR OPERATION. ASK YOUR CASE IH DEALER ABOUT PUTTING A JX TRACTOR TO WORK FOR YOU.



THE HARDEST-WORKING HIRED HAND AROUND



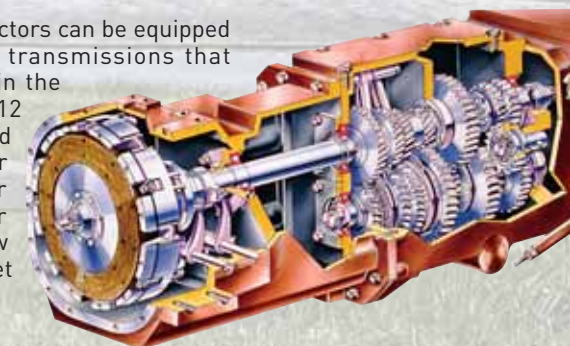
► **Efficient engines** – A very strong structural block and durable dry-sleeve design ensures long engine life and the cross-flow head design keeps intake air cooler. A piston swirl effect allows optimal air-fuel mixing for maximum efficiency from the Bosch rotary fuel injection pump. Four-cylinder JX engines include a dynamic balancer to reduce vibration for smoother operation.



► **All-purpose axles** – Adjustable to various tread settings to suit different cropping needs. The front MFD axle and 2WD axle have a 55° turn angle for maximum maneuverability around buildings. Mechanical differential lock is standard on rear axles and limited slip is included on MFD axles.



► **Tough transmissions** – All JX Series tractors can be equipped with your choice of two mechanical transmissions that provide more useful speeds — eight in the 2-9 mph working range. Both the 20x12 and 12x12 feature a synchronized mechanical shuttle for faster forward/reverse cycling during loader work. The 20x12 includes a creeper range for eight forward speeds below 1.8 mph (3 kph) — as slow as 16.7 feet per minute at rated engine speed.





CLIMATE-CONTROLLED CAB COMFORT

For all-weather climate-controlled comfort, outfit your JX Series tractor with the 2-door flat-deck cab. Iso-mounted for reduced noise and vibration, the spacious JX cab with convenient, ergonomic controls puts any operator at ease.



▲ **Two wide-opening doors**, large, non-slip steps and full-length grab rails make for easy entry and exit.

▲ **A document storage area** has been added to JX tractors in 2007 models to provide a convenient place for the operator's manual and other documents. This helps keep your work space free of clutter.

▲ **A standard tilt steering wheel** and mechanical suspension cloth seat offers the operator a comfortable position for working longer days.

▲ **Heater, factory-installed air conditioning**, front windshield wiper/washer, and toolbox are standard equipment.

CAB AND PLATFORM

ROOMY ROPS PLATFORM

A spacious flat-deck ROPS platform makes the JX Series tractor a value leader in the utility line. Iso-mounted for reduced noise and vibration, the roomy, open deck can be accessed from either side of the tractor. Large, non-slip steps and conveniently located grab rails make for easy entry and exit.

A standard tilt steering wheel and vinyl mechanical-suspension seat allow for adjustments to suit any size operator. Rear work lights and a toolbox are also standard equipment. All controls and levers are in a natural position for convenient operation.

Through the application of proven ergonomic principles, the pedals are designed and located for operator comfort. Hydraulically actuated brakes have been incorporated to provide better braking response with less operator effort.

The range and gear levers are ergonomically positioned to reduce operator effort and simplify operation.

Foldable ROPS and optional dealer-installed horizontal exhaust let you get through low-clearance doorways for working inside buildings.



▲ **An analog instrument cluster** includes the following warning lights: water in fuel, engine oil pressure, alternator, PTO engaged, turn indicators, headlamp main beam, restricted air cleaner, parking brake, and tail lights indicator.

HIGH-CLEAR / LOW-PROFILE OPTIONS

JX95 STRADDLE AND HIGH-CLEAR — RUN HIGH OR LOW

DIMENSIONS**	JX HIGH CLEAR – 2WD/MFD
Wheelbase	85.3 in. (2170 mm)/83.2 in. (2110 mm)
Overall Length	162.9 in. (4140 mm)/163.3 in. (4150 mm)
Rear Axle to Top of Roll Bar	84.6 in. (2150 mm)/84.6 in. (2150 mm)
Minimum Overall Width	73.6 in. (1870 mm)/73.6 in. (1870 mm)
Minimum Ground Clearance	25.0 in. (635 mm)/25.0 in. (635 mm)
Height to Top of Console	80.5 in. (2040 mm)/80.5 in. (2040 mm)
Height to Top of Hood	75.5 in. (1920 mm)/75.5 in. (1920 mm)
Height to Top of ROPS	113.9 in. (2890 mm)/113.9 in. (2890 mm)

** Measured with 13.6R38 rear tires.



▲ **High Clear** offers optional axle spacers to provide up to 99 inch row spacing.

With a minimum of 25 inches of crop clearance under the drawbar, the high clear tractor can spare damage to those valuable crops. Adjustable axles match your row-width needs from 59 to 79 inches. Get the optional axle spacers for increased widths up to a maximum of 99 inches.

Get into those low areas on a JX95 straddle with a height as low as 75 inches from ground to the top of the folded ROPS and the optional horizontal exhaust.

For added versatility, an optional creeper transmission (standard on high-clear) has the ability to achieve a speed of less than 1 mph.



▲ **Straddle deck** offers lower overall clearance than flat deck models. A dedicated left-hand shuttle and 12x12 transmission are both standard features.

DIMENSIONS**	STRADDLE MFD/ROPS	STRADDLE 2WD/ROPS
Tires	18.4R30	18.4R30
Radius Index (RI)	29.0 in. (736 mm)	29.0 in. (736 mm)
Wheelbase	89.5 in. (2275 mm)	91.8 in. (2331 mm)
Overall Length	155.4 in. (3948 mm)	157.6 in. (4004 mm)
Overall Width (Min./Max.)	80.2-97.5 in. (2037-2477 mm)	76.4-94 in. (1940-2387 mm)
Minimum Ground Clearance	16.4 in. (415 mm)	—
Height to Top of Exhaust	98.5 in. (2501 mm)	98.5 in. (2501 mm)
Height to Top of ROPS	99 in. (2508 mm)	99 in. (2508 mm)
Height to Top of Folded ROPS	75 in. (1905 mm)	75 in. (1905 mm)

** Dimensions measured with 18.4R30 tires. A horizontal exhaust is available.

HYDRAULICS, HITCH AND PTO

BIG OR SMALL, JX GETS THE JOB DONE



JX Series tractors from Case IH are built to get the job done in any application — mowing, baling, box blading, or loader chores. With dedicated hydraulics, heavy-duty 3-point hitch and powerful PTO, these tractors can tackle just about any task you find around the farm, field or feedlot.

Ideal for operating mowers, balers and other equipment, the JX Series tractors are fitted with fully independent 540 rpm PTO. The mechanically actuated system offers smooth engagement and operation for power and economy. An optional 540/1000 rpm PTO is available on the JX95 model.

To handle larger implements, Case IH designed the JX line with more hitch lift capacity than most competitive models — up to 4,010 lbs. (1819 kg) on 3-cylinder units and 5,025 lbs (2279 kg) on 4-cylinder units. The rugged 3-point hitch has a turnbuckle leveling system, telescoping stabilizers, and fixed link ends at the lower arms. Flexible link ends are available on the JX80, JX90, and JX95 for even easier hook-up. Control levers for position and mechanical draft are located at your right side. Mechanical fast raise and lower makes end of row turns easier by returning the implement to the working depth with the push of a button.

The hydraulics on the JX Series tractors are handled by two separate pumps. The total hydraulic flow is 21.7 gpm's (82.5 l/min). The Implement pump provides 13.6 gpm (51.7 L/min) flow, while the dedicated steering pump provides 8.1 gpm (30.8 l/min).



▲ **Plug in to the dedicated hydraulic system** to get 13.6 gpm (51.7 L/min) at the rear. One remote is standard; two or three are optional.

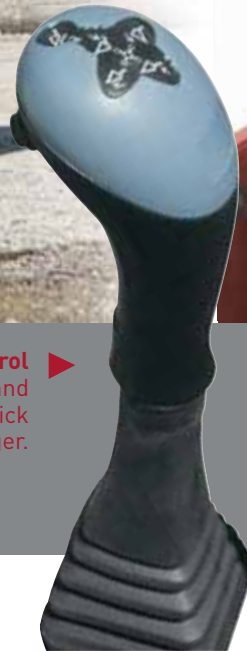

▲ **The PTO system has been redesigned** for 2007 to be operated using a single lever. This greatly simplifies operation. PTO operation is totally independent of tractor ground speed so that the tractor can be stopped without stopping the PTO and vice-versa (excludes High-Clear and Straddle models).

▶ The back end is where the work gets done thanks to an outstanding **3-point hitch** lift capacity and 540 rpm **fully independent PTO**.

RAISE PRODUCTIVITY TO THE NEXT LEVEL

Need a simple, economical loader tractor for all kinds of chores around the farm, field and feedlot? A JX Series tractor equipped with an LX700 Series loader will impress you with its value-added versatility.

The mid-mount loader design eliminates bulky bracing at the front of the loader, improving service access regardless of tire size. You can quickly mount or remove the loader and an attachment in just minutes. What's more, the loader's narrow, low-profile design ensures outstanding visibility to the bucket area and all around the tractor.



Nothing speeds up cycle times faster than this **4-way joystick control** for loader operation. Keep it in your right hand and let your left hand shuttle from forward to reverse and back again. A button on the joystick lets you control a third device such as a grapple or bale hugger.

▲ The **sloped hood and panoramic cab glass** of a JX Series tractor give you a great view of the load and dump area.

LX SERIES LOADER

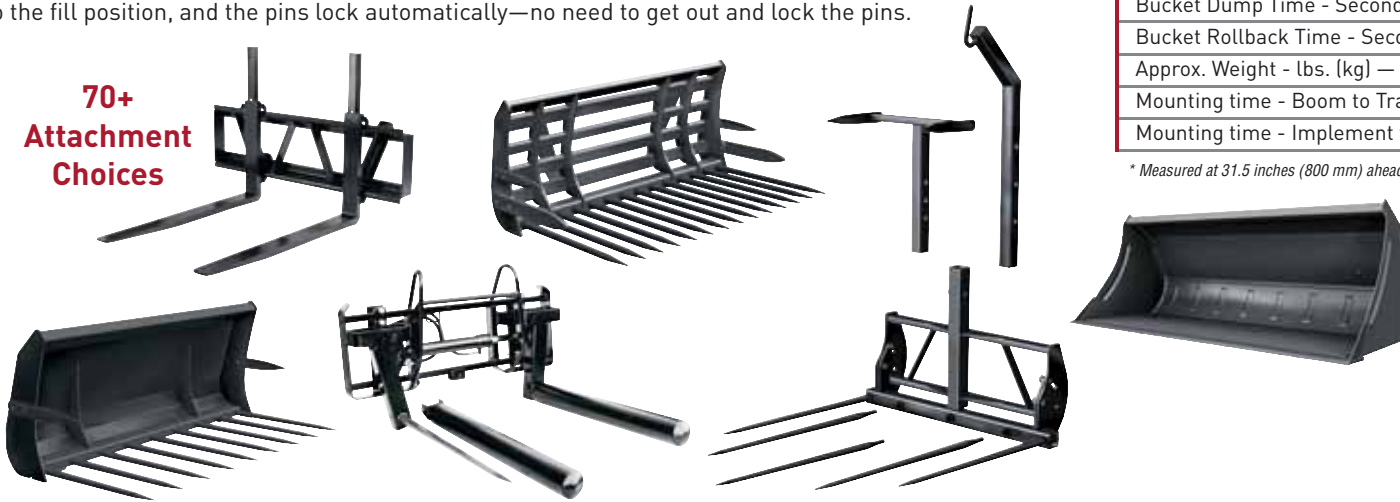
With mid-mount hydraulic valves and a dedicated 4-way joystick, the LX loader on a JX Series tractor truly simplifies and speeds up your material handling work. No matter which transmission you choose, you'll get a left-hand mechanical shuttle for faster forward-reverse cycles, allowing you to get a wide range of chores done faster,

LOADER ATTACHMENTS

With a large line of attachments, your LX700 Series loader truly becomes the best multi-tool for your operation. Case IH has the attachment to get all your chores done—and done quicker.

Attachment to the loader is simple and performed without leaving the operator station. Roll the tool carrier to the dump position, raise the loader under the beam to the visible attachment hooks, cycle to the fill position, and the pins lock automatically—no need to get out and lock the pins.

**70+
Attachment
Choices**



▲ To get a wide range of chores done faster, choose from a variety of helpful attachments, including quick-attach buckets, bale probe, pallet forks, grapple and other productivity-boosting options.

LX SERIES LOADER MODEL	LX720	LX730
JX Series Model	JX55-70	JX75-95
Lift Capacity @ Max. Height* - lbs. (kg)	2,100 (953)	2,500 (1134)
Lift Capacity @ Max. Height @ Pins - lbs. (kg)	3,300 (1497)	3,850 (1746)
Breakout Force* - lbs. (kg)	2,650 (1202)	3,100 (1406)
Max. Lift Height - in. (m)	125 (3.17)	136 (3.45)
Max. Lift Height Under Level bucket - in. (m)	113 (2.87)	124 (3.14)
Clearance w/Bucket Dumped - in. (m)	87 (2.21)	98 (2.43)
Reach @ Max. Lift Height - in. (m)	43 (1.09)	36 (.91)
Max. Dump Angle	67°	58°
Reach @ Ground Line - in. (m)	86 (2.18)	88 (2.23)
Bucket Rollback Angle	41°	45°
Digging Depth - in. (mm)	8 (203)	5 (127)
Optional Mechanical Leveling System	Yes	Yes
Raising Time - Seconds	3.3	4.1
Lowering Time - Seconds	2.0	2.8
Bucket Dump Time - Seconds	3.5	3.5
Bucket Rollback Time - Seconds	2.4	2.4
Approx. Weight - lbs. (kg) — w/o bucket	960 (435)	990 (449)
Mounting time - Boom to Tractor	90 seconds	90 seconds
Mounting time - Implement to Loader	10 seconds	10 seconds

* Measured at 31.5 inches (800 mm) ahead of pin.

▶ The fully synchronized shuttle, located by the operator's left hand, provides faster forward-reverse cycles. It's included with either transmission choice to boost your productivity with a loader.



SERVICE AND SUPPORT

▼ You'll have no trouble completing the recommended service and maintenance tasks with a **front-mounted battery and slide-out air conditioning condenser.**

SIMPLIFIED SERVICEABILITY AND SUPERIOR SUPPORT

Speedy, simple service access is inherent in the design of the JX Series tractor. Daily fluid checks and other maintenance points can be completed from the ground.

When you need parts such as filters and oil, rely on genuine Case IH replacements, kept in-stock at your local dealership or

instantly located through a sophisticated parts inventory network.

▶ **The hood latch mechanism** has been redesigned for smoother operation. The hood latch release switch is located at the lower left-hand side of the hood grill.

As always, you can trust your new tractor to your local Case IH dealer's factory-trained service department. With advanced skills, knowledge and technology, dealership service technicians can quickly diagnose and repair your equipment for maximum uptime.



▲ **The rear-hinged, full-tilt hood** opens on gas-assist shocks and makes engine component access quick and easy. All engine service points are easily accessible from ground level.

▲ **Checking and cleaning the air filter** is easier than ever with the forward location under the tilt-up hood.

▲ **A single dipstick** at the rear of the tractor allows you to check the common reservoir for transmission and hydraulic oil.

SPECIFICATIONS

Specifications	JX60	JX70	JX80	JX90	JX95
Power					
Gross Engine Horsepower	55 hp (41 kW)	62 hp (46 kW)	72 hp (53 kW)	82 hp (61 kW)	90 hp (67 kW)
PTO Horsepower	45 hp (33.5 kW)	52 hp (38.7 kW)	62 hp (46.2 kW)	72 hp (53.7 kW)	80 hp (59.7 kW)
Rated Speed (RPM)	2500	2500	2500	2500	2500
Number of Cylinders	3	3	4	4	4
Aspiration	Naturally Aspirated	Turbocharged	Naturally Aspirated	Turbocharged	Turbocharged
Displacement	179 cu. in. [2.9 L]	179 cu. in. [2.9 L]	238 cu. in. [3.9 L]	238 cu. in. [3.9 L]	238 cu. in. [3.9 L]
Air Cleaner	Dry type with dual elements	Dry type with dual elements	Dry type with dual elements	Dry type with dual elements	Dry type with dual elements
Fan	Fixed 4 blade	Fixed 4 blade	Fixed 4 blade	Fixed 4 blade	Fixed 4 blade
Cold Weather Starting Aid	Thermostart	Thermostart	Thermostart	Thermostart	Thermostart
Fuel System					
Fuel Injection	Direct, w/mechanical governor	Direct, w/mechanical governor	Direct, w/mechanical governor	Direct, w/mechanical governor	Direct, w/mechanical governor
Fuel Water Separator Device	Standard	Standard	Standard	Standard	Standard
Injection Pump	Rotary	Rotary	Rotary	Rotary	Rotary
Transmission					
Standard	12 x 12 with mechanical shuttle	12 x 12 with mechanical shuttle	12 x 12 with mechanical shuttle	12 x 12 with mechanical shuttle	12 x 12 with mechanical shuttle
Optional	20 x 12 creeper w/mech. shuttle	20 x 12 creeper w/mech. shuttle	20 x 12 creeper w/mech. shuttle	20 x 12 creeper w/mech. shuttle	20 x 12 creeper w/mech. shuttle
Rear Differential Lock	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Brakes	Hydraulic actuated wet disc	Hydraulic actuated wet disc	Hydraulic actuated wet disc	Hydraulic actuated wet disc	Hydraulic actuated wet disc
Hydraulics & Hitch					
Hydraulic System	Open center	Open center	Open center	Open center	Open center
Steering Pump	8.1 gal./min. (30.8 L/min)	8.1 gal./min. (30.8 L/min)	8.1 gal./min. (30.8 L/min)	8.1 gal./min. (30.8 L/min)	8.1 gal./min. (30.8 L/min)
Implement Pump	13.6 gal./min. (51.7 L/min)	13.6 gal./min. (51.7 L/min)	13.6 gal./min. (51.7 L/min)	13.6 gal./min. (51.7 L/min)	13.6 gal./min. (51.7 L/min)
Total Flow	21.7 gal./min. (82.5 L/min)	21.7 gal./min. (82.5 L/min)	21.7 gal./min. (82.5 L/min)	21.7 gal./min. (82.5 L/min)	21.7 gal./min. (82.5 L/min)
Maximum Pressure	2755 psi (190 bar)	2755 psi (190 bar)	2755 psi (190 bar)	2755 psi (190 bar)	2755 psi (190 bar)
Rear Remote Valves	1, 2, or 3 with flow control	1, 2, or 3 with flow control	1, 2, or 3 with flow control	1, 2, or 3 with flow control	1, 2, or 3 with flow control
Optional Mid-mount Loader Valve	Available with loader	Available with loader	Available with loader	Available with loader	Available with loader
Steering Type	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Hitch Category	1 or 2	1 or 2	2	2	2
Draft Sensing	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Link Ends	Fixed	Fixed	Fixed	Fixed	Fixed
Optional Flex Link End	Yes	Yes	Yes	Yes	Yes
Hitch Lift Capacity (SAE) Max.	4,010 lb. (1819 kg)	4,010 lb. (1819 kg)	5,025 lb. (2279 kg)	5,025 lb. (2279 kg)	5,025 lb. (2279 kg)
PTO					
Type	Independent dry clutch	Independent dry clutch	Independent dry clutch	Independent dry clutch	Independent dry clutch
Engagement	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Speeds	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM
Optional 540/1000 RPM	No	No	No	No	Yes
Capacities					
Fuel Capacity	24.3 gal. (92 L)	24.3 gal. (92 L)	24.3 gal. (92 L)	24.3 gal. (92 L)	24.3 gal. (92 L)
Alternator Amps.	85	85	85	85	85
Approximate Weight					
2wd - ROPS	5,152 lb. (2337 kg)	5,152 lb. (2337 kg)	5,702 lb. (2586 kg)	5,702 lb. (2586 kg)	6,107 lb. (2770 kg)
2wd - Cab	5,813 lb. (2637 kg)	5,813 lb. (2637 kg)	6,363 lb. (2886 kg)	6,363 lb. (2886 kg)	6,768 lb. (3070 kg)
MFD - ROPS	5,704 lb. (2587 kg)	5,704 lb. (2587 kg)	6,254 lb. (2837 kg)	6,254 lb. (2837 kg)	6,659 lb. (3020 kg)
MFD - Cab	6,365 lb. (2887 kg)	6,365 lb. (2887 kg)	6,915 lb. (3137 kg)	6,915 lb. (3137 kg)	7,320 lb. (3320 kg)
Approximate Dimensions					
Height to Top of ROPS	97 in. (2464 mm)*	97 in. (2464 mm)*	101.1 in. (2568 mm)**	101.1 in. (2568 mm)**	101.1 in. (2568 mm)**
Height to Top of Cab	100 in. (2540 mm)*	100 in. (2540 mm)*	103.1 in. (2619 mm)**	103.1 in. (2619 mm)**	103.1 in. (2619 mm)**
Wheelbase					
2WD	86 in. (2184 mm)	86 in. (2184 mm)	91 in. (2311 mm)	91 in. (2311 mm)	94 in. (2387 mm)
MFD	84 in. (2133 mm)	84 in. (2133 mm)	87 in. (2209 mm)	87 in. (2209 mm)	92 in. (2336 mm)

SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.

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