

**CASE *ii***

**JX**

**59 - 94HP**



**Safe and productive work environment.**

Available with or without cab these tractors can be tailored to fit your farming or business operation and provide the operator with a safe, productive work environment.

**Practical technology in every aspect.** Controls fall readily to hand and the relevant operating information is clearly displayed allowing novice operators to quickly become expert. Experienced operators will appreciate the simple, yet practical technology that is the spirit of JX.

**A speed for every task.** Fully synchronised gears and a shuttle lever make for predictable and safe manoeuvring within the 12 forward and 12 reverse gears. In addition you can specify an additional eight creep gears to be sure of a speed for every task.

**Effective hydraulic performance.**

With up to 52l/min oil flow available, there is always more than enough for controlled and effective operation. Whether using the rear linkage, materials handling with a front loader or tipping a trailer, each task is handled efficiently.

**Efficient and versatile rear PTO.** Efficient driveline design helps ensure that JX tractors transmit maximum power to your PTO driven machinery. For greater versatility and reduced fuel consumption 540 Economy speed PTO is standard.

**Sitting in comfort.** The fully adjustable mechanical suspension seat is readily adapted to each operator preference. In addition, cab versions can be specified with air conditioning for the most comfort, whatever the climate.

**All the power you need.** There are five JX models from 59 to 94hp with a choice of two or four-wheel drive, to ensure there is a tractor with the power and ability to fit your application.



## CASE IH JX RANGE – THE EFFECTIVE SOLUTION

*Practical technology*

*Powerful and efficient engines*

*Proven transmission design*

*Durable build quality*

### **Case IH attributes.**

*JX tractors are part of the Case IH family of solutions for farmers, growers and business users. As such, JX benefits from the same key attributes of robust, solid build quality, technical support and ready parts availability as other Case IH products.*

The Case IH JX is designed as a no-frills utility workhorse, delivering unrivalled value for money. Aimed at part-time to medium sized growers and farming enterprises as well as non-farming businesses, these tractors will find their niche in a wide range of operating environments. JX is so versatile and easy to use that operators quickly become proficient.

**A perfect fit within your business.** The specification of JX is such that novice operators can quickly become expert, enabling a JX to perform a supporting role in a large enterprise that may have many drivers. In smaller operations, the economical purchase price and low running costs make the JX a wise investment that is easy to justify.

**Frugal specification - easy to operate.** While JX may not boast the technological sophistication of higher powered Case IH tractors, it delivers all the essential specification in a user-friendly manner. Instead of electronic switches, low effort mechanical levers provide positive, direct control over every function for simple yet practical operation.

**Proven safety and design.** JX tractors comply with all the latest safety standards for operator protection and the engines meet the Tier II requirement for emissions to ensure a clean, safe work environment. Proven transmission design, quality components and durability of construction are combined for assured reliability. Whatever specification you choose, you can be confident that your JX will perform.

*The new JX Range. The versatile workhorse you can rely on.*



*Both experienced and novice operators can quickly become proficient.*



*Controls are ideally positioned for ease of operation.*



*Loaders are quick and easy to fit and remove.*



## JX DRIVING YOUR OPERATION

*Synchronised gear shifting*

*Forward/Reverse shuttle*

*Creep speed option*

*Excellent manoeuvrability and handling*

In keeping with the spirit of JX, the transmission utilises practical technology like helical cut gear teeth, pressure lubricated bearings and synchronisers to provide a simple, efficient yet robust driveline. Gear speeds are spaced to have a steady progression between ranges and be fully compatible with operation around the yard, in the field or on the road.

**More working choice.** For specialist applications, creep speed provides an additional eight forward speeds from 250 metres per hour at rated engine speed. During operation, these ratios are engaged and dis-engaged by a separate lever, transforming the JX into the ideal vegetable transplanting or harvesting machine.

**Manoeuvre with confidence.** Around the yard or in confined spaces, the low effort hydrostatic steering and standard shuttle enable safe, efficient

manoeuvring. With identical forward and reverse speeds, the driver need simply dip the clutch pedal to move the shuttle lever and reverse the direction of travel.

**Excel at handling.** The shuttle is particularly useful for the repetitive forward and back driving of loader applications. When equipped with a front end loader from the Case IH LR loader range, your JX will excel at lifting and handling big bales or other bulk materials to make light work of the biggest task.

**Efficient field performance.** For improved in-field traction and better safety when operating on steep slopes, the four wheel drive front axle is the natural choice. In tricky and slippery conditions, the limited slip differential will keep you going. For less demanding work a two wheel drive axle is available.

**Safe, rapid road transport.** JX 4WD models can be specified with a top speed of 40kph for rapid road transport. They have an enhanced braking system to improve stopping performance and contribute to safer road transport.

*In light duty applications, two-wheel drive is often sufficient.*



*In challenging situations, four-wheel drive gives maximum traction and safety.*



*From field harvesting to road transport, JX has a speed for every task.*



*The conveniently positioned raise / lower switch simplifies linkage operation at the headland.*



*Rear hitch setting levers and remote valve controls are intuitive to operate.*



*Up to 3565kg lift capacity to handle large implements.*



## JX IS EQUIPPED TO POWER YOUR BUSINESS

*Choice of five tractor models*

*Big capacity rear three point linkage*

*Powerful and dependable hydraulic system*

*PTO options for power or economy*

Whatever the power requirements of your business, there will be a JX to fit your needs. From the 59hp of the JX60 to the 94hp of the JX 95, each tractor benefits from low emission high torque, fuel efficient engines. Economical without compromising on power and durability, JX delivers unbeatable value for money.

**Greater staying power.** With up to 36% of torque in reserve, JX engines have the ability to power through the peak loads or haul heavy trailers at speed on the road without the need for repeated gear changing.

In addition, low fuel consumption and a big 92 litre fuel tank help ensure you stay productive so the working day is not interrupted by the need to re-fuel.

**Powerful hydraulics.** A dedicated hydraulic pump supplies the rear hitch and external hydraulic functions giving fast, responsive operation during linkage, loader and trailer tipping work. For high demand applications, operating hydraulic motors or multiple hydraulic functions, a higher output 52l/min pump can be specified.

**Easy hitch control.** The robust rear three-point hitch is capable of lifting and handling implements of up to 3565kg with ease. Depending on the nature of your work, separate levers allow the setting of hitch position and draft control for soil engaging implements, or any mix of the two. Once set, the raising and lowering can be triggered from the conveniently positioned fender top switch.

**PTO for power or economy.** In PTO powered applications, the standard 540rpm PTO can be complimented by an economy speed (540E) for low power applications such as light grass mowing or by a 1000rpm speed for high speed, high power implements.

*The rear PTO is effective in delivering full power.*



*In low power applications the 540E economy speed PTO saves you fuel and money.*



*Fast responsive hydraulics make light work of the biggest tasks.*



*Solid steps and wide opening doors give easy access to the comfort of a JX cab.*



*Clear and concise instrumentation displays all relevant operating information.*



*A convenient document storage pouch keeps the cab free from clutter.*



## JX IS GENEROUS ON COMFORT AND SAFETY

*Safety at work*

*Comfortable operator environment*

*Easy-to-use controls and instrumentation*

*Versatile Platform versions available*

Whether you drive the tractors in your own business or they are operated by your employees, comfort and safety are important factors.

JX will not disappoint, as the spirit of practical technology continues into the operator area.

**Safe for everyone to use.** Operator safety is integrated into every aspect of the JX design. Wide self-cleaning steps and big grab rails help prevent minor slips, while the rollover protection system (ROPS) or cab will protect the driver in case of an overturn.

All JX operator stations are isolated from the transmission and engine to limit heat transfer and harmful vibration in order to provide a work environment that surpasses all current European health and safety legislation.

**Cleared for access.** As you rarely get to spend a full day in the seat, the flat floor of JX, will makes it easy to get on and off, even with muddy boots. For access to low roof buildings, platform versions can be equipped with a folding version of the ROPS and a low level horizontal exhaust.

**Sitting in comfort.** JX drivers quickly become comfortable and remain at their best right through the day. Seat armrests are standard equipment, the seat is readily adjustable to their needs and the suspension smoothes out the shocks from rough field conditions or road transport.

**Work in all weather conditions.** Rain, wind, snow or full sunshine, the JX cab will protect you, with heating for the cold winter months and ventilation for summer. Side and rear windows open for fresh air and air conditioning is available.

**Stay until the job is finished.** When you have to meet a deadline and must work late, you can have confidence in the JX. With up to six roof mounted work lights available to light the way and the choice of a rotary beacon for transport work, you can safely stay until the job is finished.

*Rotary beacon and work lights are available to, help you stay safe on the road and in the field.*

*The foldable ROPS is beneficial for low clearance operations.*



## SERVICE AND PRODUCT SUPPORT

*Minimum routine checks*

*Long service intervals*

*Fully trained service professionals*

*Genuine Case IH parts*

Making a decision to purchase a piece of equipment from the Case IH brand is a wise investment. With quality built products that perform to your expectations, a wide range of finance options and effective product support, Case IH can provide solutions tailored to your business.

**Maximise your work time.** Cost conscious JX tractors have been designed to require the minimum of routine maintenance with all service points readily accessible. Engine oil change intervals are set at a generous 300 hours. The clutch and brakes are self-adjusting, which means less time servicing and maximum efficiency from your work time.

**Maintain the productivity of your investment.** Case IH and its dedicated dealer network provide excellent support when you take delivery of your new machine and all the time it remains in your ownership. On the farm or at your premises, you can rely on trained service professionals to maintain the productivity of your investment.

**Protect the value of your investment.** Behind every Case IH product stands an extensive European parts logistics organisation, stocking more than 700,000 part numbers for products old and new. Choosing to fit genuine Case IH parts will maintain the safety, value and performance of your original investment.



**Extended protection programme.** Case IH is at your side giving you the best professional solution: Safeguard from Covéa Fleet. This is the personalised coverage for your Case IH machinery. Please contact your dealer for more details. Subject to status and availability. Terms and conditions apply.

*Engine checks never pose a problem, even with a front loader fitted.*

*The air filter is readily accessible and quick to service.*

*Re-fuelling at ground level is safe and easy.*



	JX 60	JX 70	JX 80	JX 90	JX 95
<b>ENGINE</b>					
Capacity (cm³) / No. of cylinders / aspiration	2931 / 3 / nat-asp	2931 / 3 / turbo	2931 / 3 / nat-asp	3908 / 4 / turbo	3908 / 4 / turbo
Rated engine power ECE R-120 <sup>1)</sup> [kW/hp(cv)]	43.5 / 59	50.5 / 69	58.5 / 80	65.5 / 89	69 / 94
Rated engine speed (rpm)	2500	2500	2500	2500	2500
Max. torque (Nm @ rpm)	207 @ 1500	250 @ 1500	279 @ 1500	320 @ 1500	337 @ 1500
Torque rise (%)	32	36	30	33	33
Emission legislation specification	Tier II	Tier II	Tier II	Tier II	Tier II
Fuel tank capacity (litres)	92	92	92	92	92
Engine oil change interval (h)	300	300	300	300	300
Exhaust silencer	silencer under hood with vertical exhaust				
<b>TRANSMISSION*</b>					
Type	Synchromesh, 4 speeds, 3 ranges, 30 or 40 kph				
Number of speeds standard (FxR)	12x12	12x12	12x12	12x12	12x12
Number of speeds with creeper optional (FxR)	20x12	20x12	20x12	20x12	20x12
Lowest ground speed (kph)	0.25	0.25	0.25	0.25	0.25
Rear axle	Differential lock engagement Mechanical				
Service brake	Mechanically operated wet disc brake, self adjusting				
<b>DRIVE AND STEERING</b>					
Four-wheel drive engagement	Mechanical				
Steering angle 2WD / 4WD (°)	55 / 50	55 / 50	55 / 50	55 / 50	55 / 50
Optimum turning radius 4WD (m)	3.6	3.6	4.1	4.1	4.1
<b>POWER TAKE OFF</b>					
Type	Mechanical				
Speeds (rpm)	Standard: 540/540E Optional: 540/1000**				
PTO speed / engine speed (rpm)	540 at 2200 / 540E at 1715 or 540 at 2200 / 1000 at 2380				
PTO shaft	Exchangeable 6/21 spline, 1 3/8"				
Ground speed PTO ratio turns per wheel revolution	540 selected 8.2 / 8.9, 540E selected 10.5 / 11.4, 1000 selected 14.1 / 15.2				
<b>HYDRAULIC SYSTEM</b>					
Max. pump flow main hydraulic (l/min)	Standard: 40 l/min Optional: 52 l/min**				
Max. flow incl. steering pump (l/min)	Standard: 66.5 l/min Optional: 78.5 l/min**				
Control	MHC (mechanical hitch control)				
Max. lift capacity (kg)	3000	3000	3565	3565	3565
Max. number of remote valves	4	4	4	4	4
<b>WEIGHTS*</b>					
Minimum weight cab 2WD / 4WD (kg)	2840 / 3080	2840 / 3080	3170 / 3600	3170 / 3600	3340 / 3770
Minimum weight ROPS 2WD / 4WD (kg)	2650 / 2920	2650 / 2920	2940 / 3420	2940 / 3420	3150 / 3580
Max. permissible weight on the front axle 2WD / 4WD (kg)	2000 / 2200	2000 / 2200	2000 / 2800	2000 / 2800	2000 / 2800
Max. permissible weight on the rear axle (kg)	3000	3000	4000	4000	4000
<b>DIMENSIONS <sup>2)</sup></b>					
Overall length 2WD / 4WD (mm)	3918 / 3862	3918 / 3862	4032 / 3976	4032 / 3976	4115 / 4059
Minimum overall width (across rear fenders) (mm)	1808	1808	1808	1808	1808
Total height ROPS / Cab (mm)	2530 / 2512	2530 / 2512	2558 / 2540	2584 / 2566	2636 / 2618
Wheel base 2WD / 4WD (mm)	2175 / 2119	2175 / 2119	2305 / 2249	2305 / 2249	2388 / 2332
Track settings					
Front 2WD min. / max. (mm)	1400 / 1900	1400 / 1900	1410 / 1910	1410 / 1910	1410 / 1910
Front 4WD min. / max. (mm)	1450 / 1880	1450 / 1880	1550 / 1980	1550 / 1980	1550 / 1980
Rear min. / max. (mm)	1425 / 1925	1425 / 1925	1420 / 2025	1420 / 2025	1420 / 2025
<b>STANDARD TYRES*</b>					
Front 2WD / 4WD	7.50-16 / 9.5-24	7.50-16 / 9.5-24	7.50-16 / 11.2-24	7.50-18 / 12.4-24	7.50-18 / 12.4-24
Rear	14.9-30	14.9-30	16.9-30	18.4-30	18.4-34

\* to comply with legislation and specification in your country

\*\* Available at extra cost


1) ECE R-120 correspond to ISO TR14396

2) With Standard tyres

In addition to the extensive range of standard equipment, Case IH offer a comprehensive choice of dealer installed accessories. For example, front weights for better traction, additional remote valves and rear wash/wiper for a clear view.



DEALER INSTALLED ACCESSORIES

 Safety never hurts! Always read the Operator's Manual before working with 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.

*This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment.*

Case IH recommends **AKCELA** lubricants

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