



JX SERIES

59-98 HP RATED POWER



► **Safe and productive work environment.**

Available with or without cab these tractors can be tailored to fit your farming or business operation.

► **Sitting in comfort.**

The fully adjustable seat is readily adapted to each operator preference. In addition, cab versions can be specified with air conditioning.

► **Practical technology in every aspect.**

Controls fall readily to hand and the relevant operating information is clearly displayed allowing new or novice operators to quickly become familiar.

► **All the power you need.**

There are 5 JX models from 59 to 98 hp(cv) with a choice of 2 or 4 wheel drive, to ensure there is a tractor with the power and ability to fit your application.

PRACTICAL TECHNOLOGY. DURABLE BUILD QUALITY.



► **A speed for every task.**

Fully synchronised gears and a shuttle lever makes for predictable and safe manoeuvring within the 12 forward and 12 reverse gears. In addition you can specify an additional 8 creep gears to be sure of a speed for every task.

► **Efficient and versatile rear PTO.**

Efficient driveline design ensures that JX tractors transmit maximum power to your PTO driven machinery. For greater versatility and reduced fuel consumption there is the option to add a 540 Economy, 1000 rpm or ground speed option.

► **Effective hydraulic performance.**

With up to 51 l/min oil flow available, there is always sufficient 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.

► **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.

CASE IH JX RANGE – THE EFFECTIVE SOLUTION

THE CASE IH JX IS DESIGNED AS A NO-FRILLS UTILITY WORKHORSE, DELIVERING UNRIVALLED VALUE FOR MONEY.

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

Frugal on specification - easy to operate. Whilst 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 to ensure reliability. Whatever specification you choose, you can be confident that JX will perform.



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



Model	Rated engine power (Tier II) kW/hp(CV) @ 2,500rpm
Case IH JX 60	43.5 / 59
Case IH JX 70	50.7 / 69
Case IH JX 80	58.8 / 80
Case IH JX 90	65.5 / 89
Case IH JX 95	72.0 / 98

► **Easy Access.**

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

► **Always in control.**

Logically positioned controls and clear, concise instrumentation displays all relevant operating information.

► **An organised workspace.**

A cup holder and document storage pouch keeps the cab free from clutter.

► **Implements always in view.**

With slim cab pillars and large rear view mirrors the vision to working implements or following trailers is never at issue.



CAB AND CONTROLS

JX IS GENEROUS ON COMFORT AND SAFETY.

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 the minor slips, whilst 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 which 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.

Sitting in comfort. Drivers of JX quickly become comfortable, and remain at their best right through the day. Seat armrests are standard equipment, the seat is readily adjusted to their needs and the suspension smooths out the shocks from rough field conditions or road transport. For additional comfort an air suspension seat can now be specified.

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 as an option.

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



▲ Optional rotary beacon and worklights, help you stay safe on the road and in the field.

► **Powerful 3 and 4 cylinder diesel engines.**

With 2.9 litre or 3.9 litre displacement, the engines of JX are in a class of their own when it comes to available torque, speed of response and fuel efficiency.

► **Awesome torque reserves.**

With up to 42% torque reserve JX engines are always ready to deliver a bit extra when you need it most.

► **Low effort.**

A steady progression between ranges and synchronised gear changes ensure easy, efficient and low effort operation.



► **Define your needs.** Choose between an economical 12x4 or a 12x12 mechanical shuttle which transmission best fits your application.

► **Creep speed option.** With up to 8 additional low speed creep gears, JX is ideally suited to specialist vegetable farming usage.

► **Efficient PTO.** 540 rpm is standard equipment and there is a choice of either 540 Economy for low power applications or 1000 rpm for high power implements.

► **Proportional Ground speed.** For specialist machinery, this option enables the shaft output speed to be synchronised with tractor travel speed.

ENGINE, TRANSMISSION AND PTO

JX DRIVING YOUR OPERATION.

WITH FIVE MODELS BETWEEN 59 AND 98HP, WHATEVER THE POWER REQUIREMENTS OF YOUR BUSINESS, THERE WILL BE A JX TO FIT YOUR NEEDS. ECONOMICAL WITHOUT COMPROMISING ON POWER AND DURABILITY, JX DELIVERS UNBEATABLE VALUE FOR MONEY.

Greater staying power. With up to 42% 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 118 litre fuel tank (optional on 4 cylinder models) ensures you stay productive so the working day is not interrupted by the need to re-fuel.

Practical technology. The transmission utilises 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 road transport.

More working choice. For specialist applications, creep speed provides an additional 8 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 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 optional shuttle enables 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, your JX will excel at lifting and handling big bales or other bulk materials to make light work of the biggest task.

▼ Controls are ideally positioned for ease of operation.



▲ The rear PTO is effective in delivering full power.

- **Big capacity.** With a rear linkage capacity of up to 3565 kg and a separate pump serving the external hydraulic circuit, JX is never short on ability.
- **Easy hitch control.** Rear hitch setting levers and remote valve controls are intuitive to operate.
- **Multiple operation.** With up to 3 double acting remote valves it is possible to control complex machines with ease.
- **Loader.** Loaders are easy to attach or remove and in cab controls are ideally positioned for ease of use.



- **Manoeuvrability in the field and around the yard.** An impressive steering angle, axle oscillation and short wheelbase ensure maximum agility.
- **A clear view.** Front fenders are available as an option for both, 2WD and 4WD tractors to keep window glass clear whatever the weather conditions.
- **Agricultural tyre options,** JX is available with many tyre options including narrow tyres for inter row cultivation tasks or wide tyres for reduced ground pressure.
- **Equipped for haulage.** Powerful brakes with optional auto 4WD engagement on 40 kph models and optional hydraulic trailer brakes ensure safe high speed transport.

HYDRAULICS AND DRIVELINE

JX IS EQUIPPED TO POWER YOUR BUSINESS.

WHATEVER THE OPERATION, FROM LIFTING AND HANDLING TASKS WITH REAR LINKAGE OR POWERING PTO DRIVEN IMPLEMENTS, JX TRACTORS HAVE THE VERSATILITY TO POWER YOUR BUSINESS.

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 51 l/min pump can be specified.

Easy hitch control. The robust rear 3 point hitch is capable of lifting and handling implements of up to 3565 kg 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 raise and lowering can be triggered from the conveniently positioned fender top switch.

Efficient field performance. For improved in-field traction and better safety when operating on steep slopes, the four wheel drive front axle will be 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 tractors can be specified with a top speed of 40kph for rapid road transport. These four wheel drive tractors have an enhanced braking system to improve stopping performance and contribute to safer road transport.



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



◀ In light duty applications, 2 wheel drive is often sufficient.

▶ In challenging situations, 4 wheel drive gives maximum traction and safety.

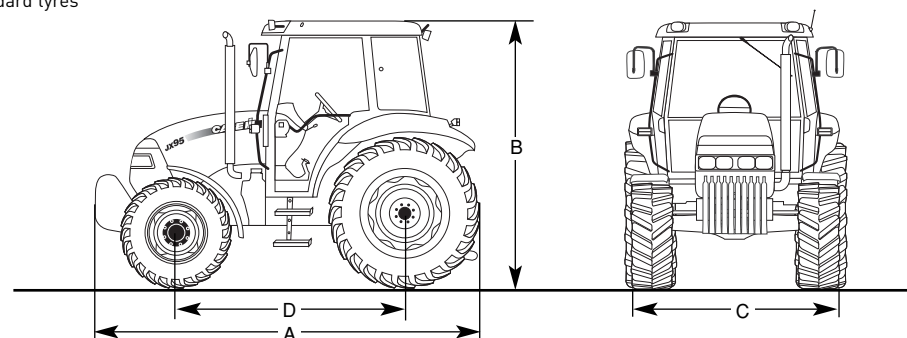




SPECIFICATIONS

	JX60	JX70	JX80	JX90	JX95
ENGINE					
No. of cylinders / capacity (cm³)	3 / 2931	3 / 2931	4 / 3908	4 / 3908	4 / 3908
type / emission Level	Naturally Aspirated / Tier II	Turbocharged / Tier II	Naturally Aspirated / Tier II	Turbocharged / Tier II	Turbocharged / Tier II
Rated engine power ECE R120 ¹⁾ @ 2,500 rpm (kW/hp[CV])	43.5 / 59	50.7 / 69	58.8 / 80	65.5 / 89	72 / 98
Max torque ECE R120 ¹⁾ @ engine rpm (kW/hp[CV])	219 @ 1500	272 @ 1500	298 @ 1500	352 @ 1500	370 @ 1500
Torque rise (%)	29	41	25	42	31
Fuel tank capacity - standard / optional (litres)	90	90	90 / 118	90 / 118	90 / 118
TRANSMISSION*					
Standard	12 Fwd / 12 Rev with mechanical shuttle				
Optional	12 Fwd / 4 Rev		12 Fwd / 4 Rev	-	-
Optional with creeper	20 Fwd / 12 Rev with mechanical shuttle				
DRIVE and STEERING					
front axle	2WD / 4WD with limited slip differential		2WD / 4WD with optional limited slip differential		
4WD front axle system standard / optional	mechanical engagement / electro-hydraulic engagement				
Turning radius 2WD / 4WD (mm)	3800 / 4900	3800 / 4900	3900 / 5100	3900 / 5100	3900 / 5100
POWER TAKE OFF					
Type	mechanical engagement				
Rear pto speeds standard	540 RPM with ground speed PTO				
Rear pto speeds optional	540/ 540E RPM with ground speed PTO or 540 / 1000 ground speed PTO				
HYDRAULIC SYSTEM					
Max pump flow - steering / hitch and external services	26.5l/min / 41l/min (optional 51l/min)				
Remote valves	max 3 rear mounted Open Centre type				
Rear linkage control type	MHC (Mechanical Hitch Control)				
Rear lift capacity (kg)	3000	3000	3565	3565	3565
WEIGHTS* and DIMENSIONS ²⁾					
Total Weight Less Cab 2WD/4WD (w/o ballast)	2650 / 2920	2650 / 2920	2940/3420	2940/3420	3150/3580
Total Weight Cab 2WD/4WD (w/o ballast)	2840/3080	2840/3080	3170/3600	3170/3600	3340/3770
A - Max length 2WD / 4WD (mm)	4360 / 4370	4360 / 4370	4490 / 4500	4490 / 4500	4573 / 4583
B - Max height over cab (mm)	2527	2552	2577	2602	2652
B - Max height over ROPS (mm)	2660	2685	2710	2735	2785
C - Min - Max track width 2WD (mm)	1418-1918	1418-1918	1405-1905	1405-1905	1485-1985
C - Min - Max track width 4WD (mm)	1445 - 1875	1445 - 1875	1560 - 2000	1560 - 2000	1560 - 2000
D - Wheelbase - 2WD / 4WD (mm)	2175 / 2134	2175 / 2134	2305 /2249	2305 /2249	2388 / 2332

* to comply with legislation and specification in your country 1) ECE R120 correspond to ISO TR14396 2) with standard tyres



CASE IH: FOR THOSE WHO DEMAND MORE

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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.

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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