

FARMALL C

TRACTORS FROM
90 – 120HP



CASE IH



THE ALL-PURPOSE WORKHORSE

Year round capability guaranteed

The Farmall name is deeply rooted in the history of Case IH, with the first powerful, versatile tractors to bear the legendary brand produced in 1923. Today's Farmalls fully live up to their heritage. With an emphasis on manoeuvrability, compact dimensions, ease of operation and a high power-to-weight ratio, this line of tractors is capable of a huge range of tasks.



EASY TO OPERATE

The advanced Multicontroller controls, the ergonomic console and a compact build with tight turning radius make the Farmall C series a customer favorite in the 90-120 hp segment.



VERSATILE

Equally at home on grassland and livestock farms, specialist enterprises such as poultry units and vegetable growing, and turf and amenity maintenance, Farmall C more than lives up to its name.



CUSTOMISABLE

Standard or HD rear and front axles? Cab or platform? Mechanical entry-level transmission or two-speed powershift and powershuttle transmission? Choose the tractor that best suits your daily business!



RANGE	4 – 5
INTRO	6 – 7
CAB	8 – 11
ENGINE	12 – 13
TRANSMISSION	14 – 15
PTO	16 – 17
FRONT HITCH	18 – 19
HYDRAULICS	20 – 21
LOADERS	22 – 27
FRONT AXLES	28 – 29
VERSATILITY	30 – 31
SERVICES & SERVICE SOLUTIONS	32 – 35
SUSTAINABILITY	36 – 37
TECHNICAL DATA	38 – 39

CASE IH

THE FARMALL C RANGE

Compact and versatile

1

HIGH COMFORT CAB

- Multicontroller joystick brings fingertip control of all main functions
- Great visibility thanks to expansive glass and slim pillar frame
- High-visibility roof window for loader work

2

EASY MAINTENANCE

- Engine filters located on one side of the machine
- Extended engine service intervals (600 hours)
- Unique compact HI-eSCR2 exhaust gas aftertreatment system “for life” with no maintenance needed

With an extensive range of factory options, Farmall C tractors can be tailored for all kinds of agricultural, municipal and industrial tasks. Your tractor can be built exactly as desired, with a wide range of tyre, hydraulic connection, front linkage and loader package alternatives.

EXPERIENCE EASE OF USE, COMFORT AND VERSATILITY EVERY DAY.

MODELS	Rated power ECE R120 @ 2,300 rpm (kW/hp(CV))	Number of cylinders / Capacity (cm ³)	Max. Torque (Nm) @ 1,300 rpm / Torque Rise (@)	Max. rear lift capacity (kg)
Farmall 90 C	66 / 90	4 / 3,600	380	4,400
Farmall 100 C	74 / 100		450	
Farmall 110 C	81 / 110		490	
Farmall 120 C	86 / 117		506	





3 EFFICIENT POWER FOR BEST RESULTS

- 4-cylinder 3.6l FPT turbodiesel with intercooler and wastegate turbocharger
- Constant engine speed function
- Maximum torque 506Nm at low engine speed of 1,300 rpm

4 AXLES WITH GREATER CAPACITY

- Three different front axles and three different rear axles
- 100 % rear axle electro-hydraulic differential locks or limited slip differential
- Narrow turns – 4.2 m for 4WD models
- Permitted payload increased to 6,500 kg

5 THE RIGHT TRANSMISSION TO MEET YOUR NEEDS

- 40 kph 12x12 with synchro or hydraulic shuttle
- 24 x 24 2-speed Powershift with Powershuttle available
- Creeper speeds available for greater versatility – up to 40 x 40 speeds with 2-speed Powershift
- Economical drive: 40 km/h at 2,000 rpm

6 VERSATILE HYDRAULICS FOR DEMANDING OPERATIONS

- Hydraulic pumps with flow rates of 64l/min at 170 bar pressure
- Electronic Draft Control (EDC) with up to 4,400 kg rear lifting capacity
- Up to 3 mechanical rear remote valves
- Up to 2 mechanical mid-mounted remote valves

7 FRONT MOUNT SPACE

- Standard front hitch with PTO
- Optional EFH (electronically controlled front hitch) with ground pressure control for safer mowing on steep slopes and improved mowing quality
- 7 pin and 3 pin power supply sockets





TAKE ON THE TOUGHEST CHALLENGES

A powerful performer

Case IH Farmall C tractors define versatility, with a compact design concealing an engine and transmission that punch way above their weight. That's the secret to their ability to switch easily between yard jobs in confined spaces one moment and putting in a full day's field work the next.



THE PERFECT WORK STATION

Welcome to your comfort zone

There's no more comfortable tractor in its class than the Case IH Farmall C. That's a bold claim, but we're confident you'll agree.

LARGE-VOLUME CAB

In Farmall C's spacious cab, views of the work area and implements are unobstructed in every direction. A high-visibility roof window that opens is a boon for loader work.

EASY ACCESS

Wide opening glass doors and a full height entrance ease cab entry from either side. After mounting the easy access steps, the operator is welcomed by a flat floor.

KNOWN FOR ITS COMFORT

Farmall C is equipped with a high-spec fully-adjustable seat. Choose the optional air suspension and simply glide over the roughest of surfaces without tiring. A comfortable folding passenger seat is available as an option.

FEEL-GOOD CLIMATE

The attention to detail in the Farmall C extends to the careful design of its HVAC system, which lets you create the ideal cab environment for your working comfort all year round, whatever the weather.

BEST VISIBILITY NIGHT AND DAY

Some days are longer than others. Six fully-adjustable exterior work lights and a flashing beacon for road work make nighttime jobs easier and safer.

200° WIPER

Farmall C keeps visibility high in all weather conditions with a 200° windscreen cleaning area.

NOISE LEVEL

Noise levels are extremely low at 76dB(A), providing more comfort during long working days





A USER INTERFACE DESIGNED AROUND YOU

Ergonomically-placed controls at your fingertips

ERGONOMIC MULTICONTROLLER

All the main controls of the machine in one joystick close to the operator: in addition to operating the four gears, the Powershift and electric clutch, the Multicontroller also controls the Powershuttle for changing the direction of travel. The Multicontroller can also raise and lower the rear hitch while activating the shift key raises and lowers the optional front hitch.

AT YOUR FINGERTIPS

All essential controls are logically positioned and within easy reach to make time spent at work more comfortable and more productive.

OPERATE WITH EASE

The Farmall C was designed with loader work in mind. This is demonstrated by the thoughtful integration of the loader control joystick in easy reach of the operator's right hand.

HIGH VISIBILITY

The slim pillar frame and 5m² of glass area ensures excellent visibility to the front, rear and both sides. There's even a roof window to aid loader work and ensure items can be safely raised and lowered from height without the need to move forward in the seat or crane your neck.





DOING MORE WITH LESS

Efficient power begins with outstanding individual components

FPT's engine development team has devoted much time and attention to perfectly match the torque characteristics of the F5 engines to real working conditions.

NEW STAGE V ENGINE, MORE POWER

Powered by our latest advanced FPT Stage V engine, the Farmall C series delivers more power, enhanced torque, optimized uptime and improved fuel efficiency. The result is impressive; a maximum torque of 506 Nm is reached at a fuel-saving 1,300 rpm.

AFTERTREATMENT SYSTEM "FOR LIFE"

The compact HI-eSCR2 system adopts an aftertreatment system "for life". In other words, no replacing components or mechanical cleaning during its whole lifecycle.

CONSTANT ENGINE RPM

Set and store two engine speeds to make operation easier and more efficient. The system is controlled by switches to the operator's right, one of which selects either of the two speed settings, while the other fine-tunes the engine speed setting in increments.

NEW EXHAUST AFTERTREATMENT SYSTEM

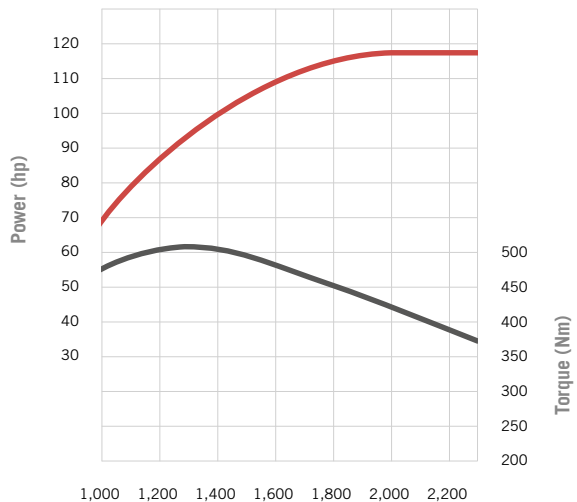
The new FPT compact HI-eSCR2 exhaust aftertreatment system meet Stage V legislation. It's components are integrated in a compact layout to keep visibility from the operator's seat and manoeuvrability uncompromised.

ADVANTAGES

- New FPT F5 engine provides more power and torque
- Maximum performance at low engine speed: lower fuel consumption
- Durability and higher residual value, thanks to "for life" aftertreatment system
- Integrated aftertreatment system frees lateral visibility
- 600-hour service interval



Farmall 120 C



MAXIMUM TORQUE AT 1,300 RPM

With a torque curve optimised at a fuel-saving 1,300 rpm, the new FPT F5 engines deliver maximum torque exactly where it is needed the most.



PUTTING POWER TO WORK FOR YOU

Transmission options to match your requirements

The Farmall C offers a choice of reliable transmissions that can reach 40 kph driving speed at a fuel-efficient 2,000rpm.

ACTIVEDRIVE 2

At the top end of available specifications is the 24 x 24 two-speed Powershift with Powershuttle and Powerclutch, allowing easy forward/reverse movement.

POWERSHUTTLE OPTION

A further electro-hydraulic Powershuttle option includes a Powerclutch facility, allowing you to disengage drive without using the foot clutch. Working with a loader or feeder wagon just got that much simpler.

40 X 40 TWO-SPEED POWERSHIFT

Alternatively, you can choose the 40x40 two-speed Powershift transmission with creep speed.

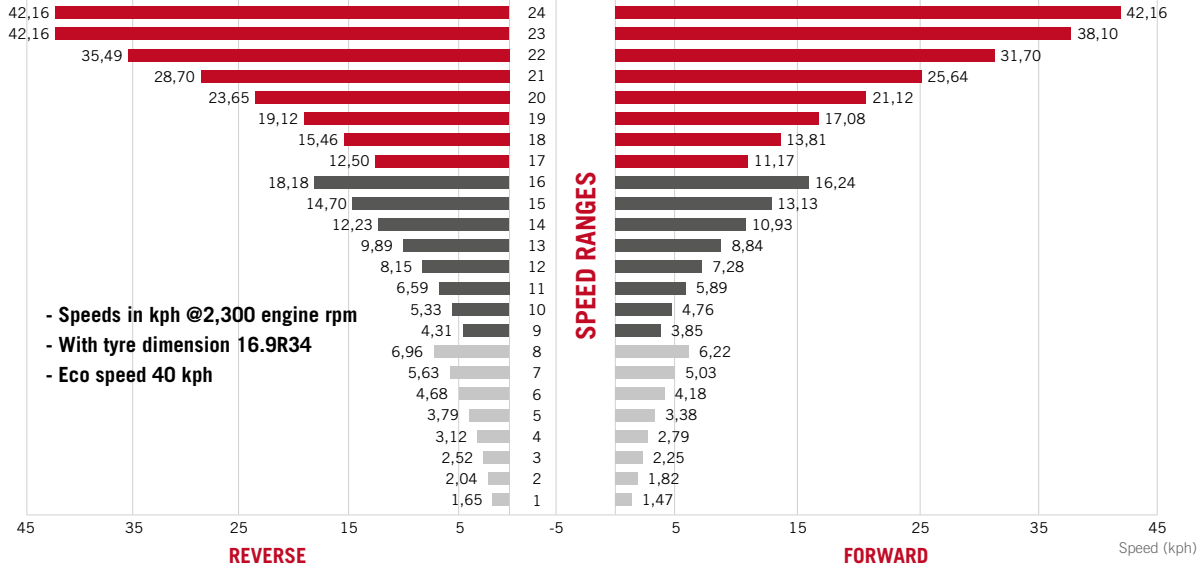
12 X 12 SYNCHROSHUTTLE

If you're looking for a simpler solution, you can opt for the 12x12 Synchroshuttle, available with mechanical or hydraulic Powershuttle.

ADVANTAGES

- 40 kph 12x12 with synchro or hydraulic shuttle available for all Farmall C models
- Creeper speeds available for greater versatility – up to 40 x 40 speeds with two-speed Powershift
- 40kph at a fuel-efficient 2,000rpm (with 24x24 Powershift transmission)
- Powershuttle for ease of manoeuvring forwards/reverse, without using the clutch

**SPEED DIAGRAM
24X24 TRANSMISSION
HI LO 40 KPH**





PTO PACKAGES FOR EVERY NEED

Specify your tractor how you want it

Whether your focus is on power or fuel efficiency, the Farmall C PTO delivers the right pace for every task.

3 PTO OPTIONS

The Farmall C range is available with three PTO options: 540, 540/1,000 and 540/540E/1,000 (also available with ground speed).

MAXIMUM ENGINE OUTPUT AT 1,900RPM

The 540 or 1,000 PTO speed is aligned with maximum engine output to transmit maximum power.

FUEL EFFICIENCY AT 1,300RPM

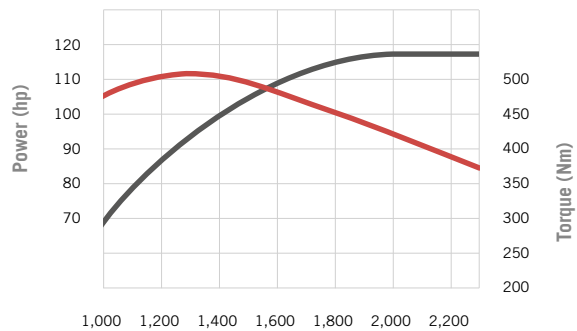
The Economy PTO speed 540 ECO is reached at an engine speed of just 1,300 rpm. This is the point at which the engine develops its highest torque at the lowest specific fuel consumption.

1,670 KG FRONT LIFT CAPACITY

The integral front linkage and 1,000 rpm front PTO options are designed to fit seamlessly and are fully compatible with front loaders. Operation is mechanical and lift capacity is 1,670 kg, allowing easy forward/reverse movement.



Farmall 120 C



ADVANTAGES

- PTO speed aligned with engine speed – lower fuel consumption, reduced rpm and less noise, fewer vibrations
- 3 speed PTO 540/540E/1000 available as an option
- Wide choice of equipment compatible with the tractor
- All cab models feature electro-hydraulic PTO engagement



GET THE MOST OUT OF YOUR FRONT IMPLEMENTS

Full lifting power that's easy to work with

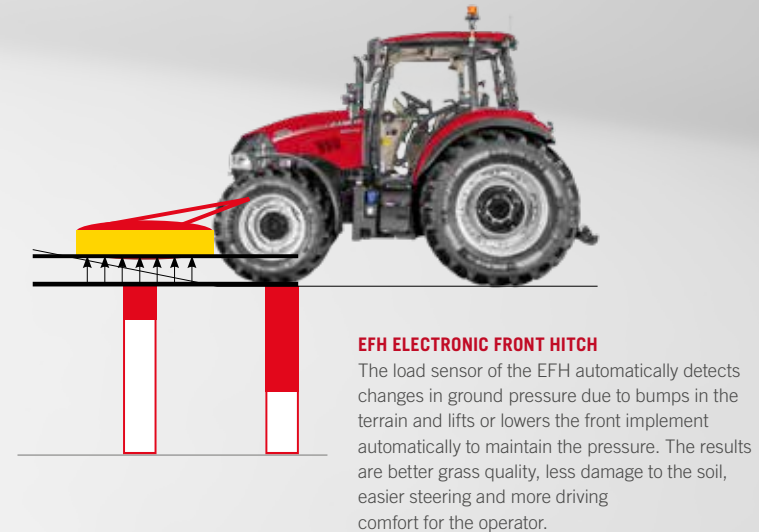
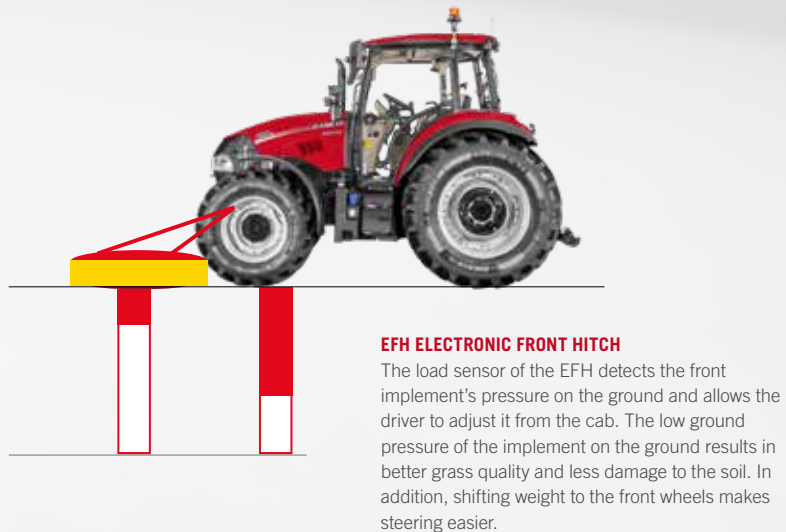
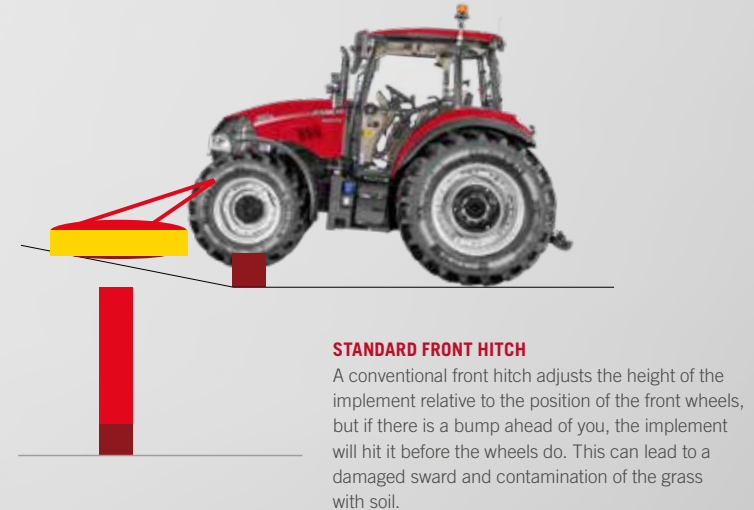
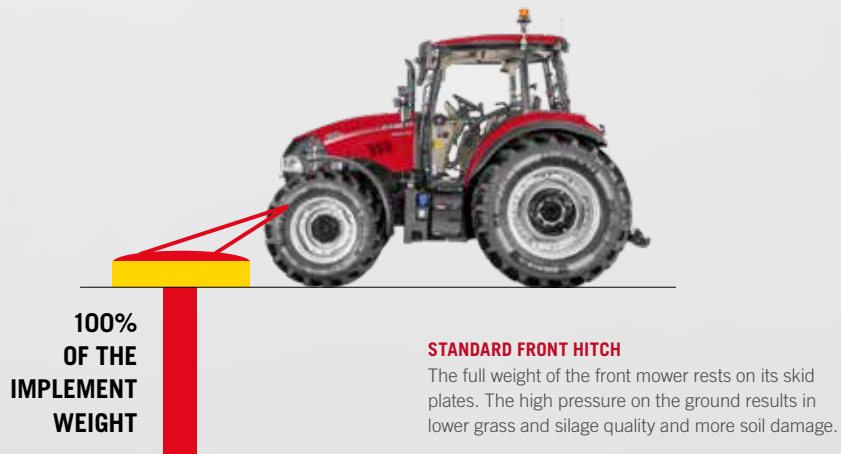
With the Electronic Front Hitch (EFH) you get the most from front-mounted implements. EFH automatically levels the pre-set height of the front implement and keeps its ground pressure constant. This provides enhanced implement control for front mowing, front packer work and many more applications.

ADVANTAGES

- Fully integrated front linkage and front PTO system
- EFH with ground pressure control for safer mowing on steep slopes and improved mowing quality
- Seamlessly integrated front linkage with a lifting power of up to 1,670 kg

MOWING HAS NEVER BEEN EASIER

The unique Electronic Front Hitch by Case IH





PUT POWER WHERE YOU NEED IT

Handle the heaviest tasks

Farmall C tractors come either with mechanical or electronic hitch control, both with lower-link sensing. With their optional additional ram, they offer a maximum lift capacity of 4,400 kg.

64 LITRE/MIN

The Farmall C tractors are provided with a standard hydraulic pump delivering 64 l/min.

8 COUPLERS

The tractors can be specified with up to three rear mounted remote valves and one diverter, adding up to a total of 8 couplers, and two mid-mounted hydraulic remote valves.

IDEAL FOR LOADER WORK

The loader-ready option available for Farmall C comprises a mid-mount valve configured for loader use, providing 60 l/min flow capacity. A multi-outlet quick coupler makes connecting valves fast and easy, as does an electrical connector for the 3rd and 4th service options.

DRAFT CONTROL

Farmall C comes with the Electronic Draft Control (EDC) as option. The system sets the desired load on the tractor by controlling implement depth. The draft reacts accurately to put more power to the ground.

ADVANTAGES

- Maximum lift capacity up to 4,400 kg
- Increased lift capacity handles bigger implements
- Up to 3 mechanical remote valves at the rear, two mid-mount valves for control of extra application (loader, front mounted implement)



- 1** EXTERNAL CONTROLS FOR REAR LINKAGE AND PTO SWITCH
- 2** ELECTRONIC DRAFT CONTROL
 - 2 external lift rams (50mm)
 - Max. lift capacity 4,400 kg at ball ends
- 3** CAT. II LINKAGE DRAWBAR
- 4** HYDRAULIC TRAILER BRAKE VALVE WITH ABS SOCKET





THE NEW CASE IH LOADER RANGE

Give your daily work the push it needs

For decades, Case IH has striven to continually improve the performance of our equipment, helping our customers get the maximum return on their investment. The new loader range from Case IH combines performance, robustness, loading capacity and modern design into a new and innovative loader concept. These front loaders perfectly integrate with the tractor's chassis to maximize operator comfort without impacting the tractor's turning radius or service accessibility. Best-in-class features and a wide range of more than 35 attachments for every application will help lighten the load of your daily work.

EXPAND YOUR CAPABILITIES

The new Case IH Loader series

The new loader line-up by Case IH opens up new horizons: three ranges (A, U and T) and 14 models in total have been developed to expand the capabilities of our Farmall C.

Each loader is perfectly designed for use with our various tractor models and convinces from a lot of different perspectives. Take advantage of maximum precision, rapid response and next level capacities – for remarkable ease of handling.

SERIES	A	U	T
SHOCK ELIMINATOR System®		Standard	
MACH System®		Standard	
FITLOCK 2+ System®		Standard	
MACH 2 System®	Option	Standard	
FAST-LOCK System®		Option	Option
AUTO-UNLOAD System®			Option



PREMIUM DESIGN – MAXIMUM OUTPUT THE T SERIES

The flagship T range is a premium specification range including hydraulic self-levelling as standard to increase the lifting power by 35%. This unique PCH system automatically maintains the implement angle by using two perfectly integrated compensation rams, constantly connected to the dumping rams.

- 4 models available
- Maximum lift heights from 3.78m up to 3.92m
- Maximum lift capacities from 1,446kg up to 2,138kg



VERSATILE AND DURABLE

THE U SERIES

The robust U front loader range with mechanical self-levelling is ideal for everyday handling tasks. They are easy to operate and are offered with the FITLOCK 2+ System® for automatic locking and unlocking.

- 8 models available
- Maximum lift heights from 3.78m up to 3.92m
- Maximum lift capacities from 1,528kg up to 2,332kg

THE BASIS OF SUCCESS

THE A SERIES

These efficient entry-level loaders are equipped with mechanical self-levelling as standard, and the FITLOCK 2M System® for fast loader hitching/unhitching. To handle a wide range of attachments, A series loaders offer a third hydraulic function.

- 2 models available
- Maximum lift heights from 3.79m up to 3.94m
- Maximum lift capacities from 1,872kg up to 2,196kg



HIGH-SPECS FOR HIGHEST DEMANDS

Simply accomplish more – in less time

STRONG CONCEPTS. BIG IMPACT.

The loader bracket is optimally positioned near the tractor's center of gravity, reducing stress on the front axle and distributing the weight of the load for greater stability. Perfect lifting capacity is ensured by a vertical lifting curve which provides a constant lifting force from the bottom upwards.

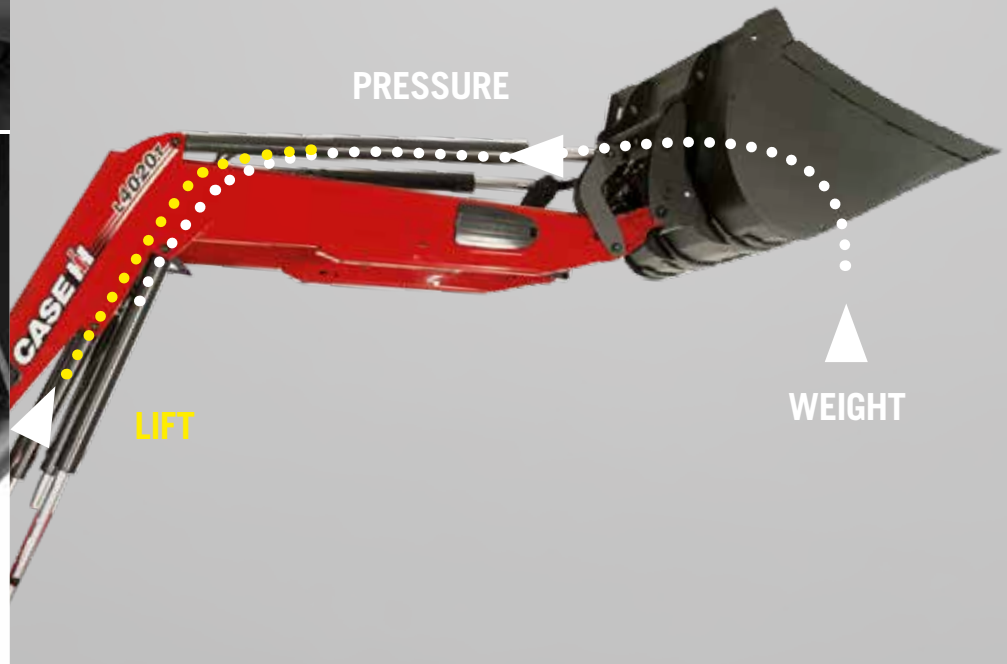
- Bracket position close to center of gravity
- Exceptional forward reach for discharge and a convenient position to load a trailer or mixer
- The design ensures a vertical lifting curve which provides a constant lifting force from the bottom upwards

ANYTIME. MORE THAN READY.

A series loaders are equipped with the basic FITLOCK 2M system with manual locking, while U and T series loaders are fitted with the FITLOCK 2+ premium system, allowing automatic locking of the loader. The MACH multicoupler allows quick coupling and uncoupling of all hydraulic and electric loader functions with ease, even under pressure.



FRONT LOADERS



LOADERS FULL OF ENDLESS POSSIBILITIES

The Case IH loader series are designed with a modular implement carrier (MX or EURO implement carrier) which can handle more than 35 types of attachments. Depending on the model chosen, you can electro-hydraulically hitch and unhitch implements without leaving your seat – a new dimension of convenience with the FAST-LOCK System®. In addition to hydraulic locking, the MACH 2 system allows the connection of the third and fourth function with a single movement, even under pressure. Mixed up connections are a thing of the past.

PCH (ONLY ON T SERIES)

NUMBERS SPEAK LOUDER THAN WORDS: 35% MORE POWER

The T series is equipped with the PCH hydraulic self-levelling linkage. This unique feature automatically maintains the implement angle by using two perfectly integrated compensation rams, constantly connected to the dumping rams. The PCH system also increases lifting power by up to 35%. The weight of the loaded attachment generates pressure in the tilt rams which is transferred to the PCH rams and supports the lifting process.



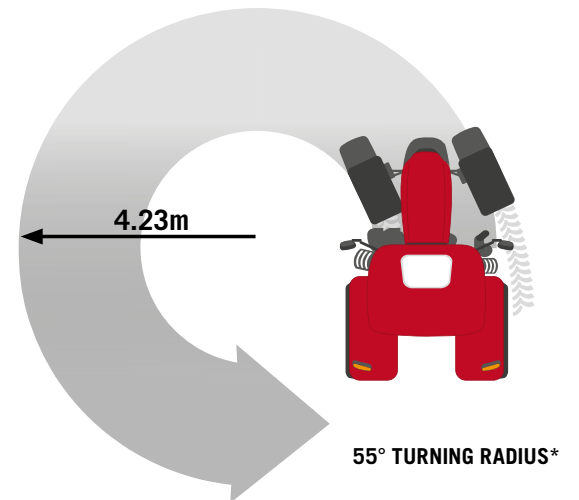
THREE AXLE TYPES TO MATCH ALL APPLICATIONS

Durable. Robust. Safe.

Farmall C tractors are available with three different types of front axle, tailored to the specific needs of small and mid-sized farms.

The 1.5 HD axle features differential lock and optional wet disc brakes. This axle provides better grip, higher payload, and greater stability on uneven ground.

All axles have a 55° steering angle so you can stay manoeuvrable in narrow spaces.



*brakes disengaged

**STANDARD CLASS 1.0 AXLE**

For light field operations and small loaders.

**HEAVY DUTY CLASS 1 AXLE**

For medium field applications, transport and loaders as well as front three-point lift-mounted tools.

**LARGE CLASS 1.5 AXLE**

Ideal for intensive loader work with big loaders and to increase productivity in the field and during transport. The large 1.5 axle also provides more stability thanks to wider (+20cm) rear trumpets and low center of gravity while maintaining a larger free space under the frame.



MADE FOR VERSATILITY

The compact tractor for those with big ideas

If you have been looking for an all-rounder, but think smaller tractors lack the specifications of their heavier stable mates, look again – at the Case IH Farmall C!

ULTIMATE MANOEUVRABILITY

Low effort steering and a 55° turn angle on 4 wheel drive models ensure tight turns are always possible. The ultimate in manoeuvrability!

HIGH PERFORMANCE WITH LOW FUEL CONSUMPTION

Farmall C's complete PTO offering matches PTO speed to engine speed to reduce fuel consumption. The ground speed option will help you handle tricky applications (for example on steep slopes or unstable ground).

SAFE AND EASY LOADER WORK

In the cab, the loader-ready specification extends to an integrated joystick sited within easy reach to the operator's right. Loading bales is easy thanks to a wide frame design and the high-visibility roof.

ADJUSTABLE TRACK WIDTH

For vegetable or horticultural applications, track widths can easily be adjusted between 1.4 m to 1.9 m to straddle a wide range of bed-grown produce, whether field-grown or under polytunnels.

OUTSTANDING REAR LIFT CAPACITY

With 4.4 tons of rear lift capacity, you can use a wide range of implements especially in soil preparation and seeding.

COMFORTABLE TRANSPORT

Complete transport tasks with maximum efficiency and reduced fuel consumption thanks to the 40 kph ECO mode. The air-suspended seat and automatic 4WD engagement during braking provide comfort and safety.





MAINTENANCE REDUCED TO A MINIMUM

Save time. Save money.

Case IH knows that time is money in this business. The less time you need to spend on servicing your equipment, the better. Farmall C's extended 600-hour service interval keeps your maintenance costs down and lets you stay in the field longer.

QUICK AND EASY

Case IH's engineers have relocated and improved the engine's hydraulic and electrical systems, grouping fuel and oil filters together on the left side of the engine. As a result, you can check both filters at once and get back to work much more quickly.

MAINTENANCE FREE FOR A LIFETIME

FPT's innovative compact HI-eSCR2 technology is maintenance-free: no need to replace filters or clean SCR components over the system's entire lifecycle.

CLEVER DETAILS FOR MORE UPTIME

Industry-leading oil change intervals (600h) help keep you in the field longer. Farmall C's cab air filters are safely housed under the rear fenders where they are easily accessible.

MORE POWER WITH FRESH AIR

A generously-sized engine air filter with pre-cleaner and dust ejector is standard and designed for a long service life.





SERVICE TEAM

Be a farmer, we take care of the rest

The Case IH SERVICE TEAM, a strong dealer network backed up by local Case IH market teams, industry-leading Case IH support tools, modern training methods, best-in-class spare parts support and logistics performance: These provide Case IH customers with excellent all-encompassing after-sales service, keeping you farming!

GENUINE PARTS WE KEEP YOUR EQUIPMENT RUNNING.

Your local Case IH dealer and our dedicated 24/7 parts call centre technicians and their logistics colleagues are all part of the Case IH ServiceTeam network. They're highly trained to give you expert advice and solve problems, ensuring the correct, genuine Case IH parts are located and dispatched right away, reaching you next day or sooner to keep your machine in top condition.

MAXSERVICE AROUND THE CLOCK. AROUND THE COUNTRY.

When you're working around the clock, MaxService ensures you're never alone. It's a dedicated helpline that connects you to the Case IH ServiceTeam 24/7. Call technicians at your local dealer are ready to assist with technical advice, software solutions and genuine parts ordering. In peak season, we can keep you farming with breakdown assistance.

SAFEGUARD WARRANTY SAFEGUARD THREE-YEAR WARRANTY

The best things come in threes: Our extremely high quality standards and continual improvements to our products have allowed us to offer a 3-year factory warranty. The warranty covers all necessary repairs in years 2 and 3 to the extent of the base warranty. Labour and Case IH original parts are covered for every warranty repair without any unexpected cost to you. Terms and conditions apply, call your local Case IH dealer for details!



OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT

CNH Industrial Capital is the captive financial services brand of Case IH.

Each Case IH customer can rely on CNH Industrial Capital to offer a tailored financing option when choosing your Case IH equipment. Your Case IH dealer is here to assist you on your agricultural equipment choice and we can advise you on the right financing, leasing or rental solution that best matches your business and cash-flow needs.

CNH Industrial Capital agricultural financing experts alongside your Case IH dealer are fully dedicated to offering you the most adaptable finance solutions.

We support your business development and success with a wide array of machines and attachments with customised finance options, whether new or used.

- Go for a loan or hire purchase option to have full ownership from day one and manage your cash-flow over the medium and long term.

- Select finance leasing to lower your instalment and keep end of contract options whilst optimising your accounting.
- Adopt any of our Case IH Intelligent Rental Solutions powered by CNH Industrial Capital to maximise your machines' life cycle and benefit from competitive instalments with a regular renewal of your equipment to the newest technology

Extended warranty, maintenance and repair services, and various types of insurance, can be included in the package*.

*Subject to credit approval. Availability of offerings and products may vary by country depending on the local fiscal and accounting regulations.

SUSTAINABILITY

It's a part of everything we do

Case IH is part of CNH Industrial, one of the world's largest capital goods companies. It has a firm focus on its environmental responsibilities, and has been a nine-time leader in the Dow Jones Sustainability Index.

Within the CNH Industrial group:

- 91% of waste is recovered
- 27.5% of water used is recycled and
- 56% of electricity used is from renewable sources.

Being a global leader in capital goods carries great responsibilities, which means that we must be accountable for every global activity we perform. Our responsibility does not stop at the factory gate, and we have made great efforts to be proactive when it comes to the broader global issues surrounding sustainability.



Over the years, our work in research and development has been geared towards ensuring that our products continue to achieve increasingly high standards in terms of safety and eco-compatibility. Rather than limiting customers to a choice between low operating costs and eco-efficiency, our strategy is to offer products that deliver both.

At Case IH, our engineers are focused on producing machines that not only work on the land, but work with it too.

THE SUSTAINABILITY GROWTH DRIVERS ARE:

- Necessity of feeding an increasing population
- Importance of soil protection for future generations
- Growing sustainable farming solutions
- Increasing public awareness
- Fostering public engagement



**REDUCE THE CONSUMPTION
OF RESOURCES BY MOVING FROM FOSSIL
FUELS TO A RENEWABLE ENERGY SYSTEM**



**REDUCE ENVIRONMENTAL IMPACT
AND OPTIMISE ENERGY CONSUMPTION
IN ALL COMPANY PROCESSES**



**INCREASE AGRICULTURAL PRODUCTIVITY
TO IMPROVE FOOD AVAILABILITY**



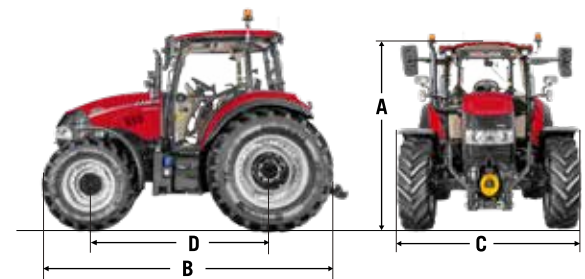
**INCREASE OPPORTUNITIES FOR
EXCHANGING IDEAS AND GOOD PRACTICES
WITH ALL STAKEHOLDERS**

MODEL	FARMALL 90C	FARMALL 100C	FARMALL 110C	FARMALL120 C
ENGINE				
	FPT F5			
Number of cylinders / Capacity [cm ³]	4 / 3,600	4 / 3,600	4 / 3,600	4 / 3,600
Type / Emission level	Common Rail Diesel engine, turbocharged and intercooled / EURO-Stage V			
Rated power ECE R120 ³⁾ @ engine rpm [kW/hp(CV)]	66 / 90 @ 2,300	74 / 100 @ 2,300	81 / 110 @ 2,300	86 / 117 @ 2,300
Maximum torque ECE R120 ³⁾ @ engine rpm [Nm @ rpm]	380 @ 1,300	450 @ 1,300	490 @ 1,300	506 @ 1,300
Torque rise acc. OECD (%)	38.7	46.5	45.7	41.7
Fuel tank capacity [litres]	128.8	128.8	128.8	128.8
TRANSMISSION				
12 x 12 Synchronshift with mechanical shuttle, 40 kph	○	○	-	-
24 x 24 Synchronshift with mechanical shuttle, 40 kph	○	○	-	-
12 x 12 Synchronshift with powershuttle, 40 kph	●	●	●	●
24 x 24 Synchronshift with powershuttle, 40 kph	○	○	○	○
24 x 24 2-speed Powershift with powershuttle, 40 kph	○	○	○	○
20 x 20 Synchronshift with mechanical shuttle and creeper, 40 kph	○	○	-	-
20 x 20 Synchronshift with powershuttle and creeper, 40 kph	○	○	○	○
40 x 40 2-speed Powershift with powershuttle and creeper, 40 kph	○	○	○	○
POWER TAKE OFF				
Engagement type	electro-hydraulic			
Speeds Standard (Option) [rpm]	540 (540/1000 or 540/540E/1000)			540/100 (540/540E/1000)
Ground drive optional available for PTO [rpm]	540/1000 or 540/540E/1000			
FRONT PTO AND HITCH				
Front PTO 1,000 Speed @ 1,920 rpm	○	○	○	○
Front hitch max. lift capacity [kg]	1,670	1,670	1,670	1,670
FOUR WHEEL DRIVE AND STEERING (DRIVELINE)				
Type	electro-hydraulic			
Min. turning radius ¹⁾ [m]	4.23	4.23	4.23	4.23
HYDRAULIC SYSTEM				
Max. pump flow rate Total (Steering/Rear Hitch & External) [l/min]	100 (36.5 / 63.5)	100 (36.5 / 63.5)	100 (36.5 / 63.5)	100 (36.5 / 63.5)
MDC – Mechanical draft control	○	○	○	○
EDC – Electronic draft control	●	●	●	●
Max. lift capacity [kg]	4,400	4,400	4,400	4,400
Max. number of rear remote valves / mid mount valves	3 mechan. / 2 mechan.	3 mechan. / 2 mechan.	3 mechan. / 2 mechan.	3 mechan. / 2 mechan.
WEIGHTS AND DIMENSIONS ¹⁾				
Approximate shipping weight [kg]	4,030	4,030	4,030	4,030
Permissible total weight (Heavy Duty axle / Large class 1.5 axle) [kg]	6,200	6,200 / 6,500	6,200 / 6,500	6,200 / 6,500
A: Total height (max.) [mm]	2,569	2,569	2,569	2,569
B: Total length [mm]	4,147	4,147	4,147	4,147
C: Total width (across mudguards) [mm]	1,923	1,923	1,923	1,923
D: Wheel base [mm]	2,285	2,285	2,285	2,285
MAXIMUM TYRES ²⁾				
Front	440 / 65R24	440 / 65R24	440 / 65R24	440 / 65R24
Rear	540 / 65R34	540 / 65R34	540 / 65R34	540 / 65R34

* To comply with legislation and specification in your country

● Standard Equipment ○ Optional Equipment - Not available

¹⁾ With standard tyres ²⁾ Other tyres on request ³⁾ ECE R120 correspond to ISO 14396 and 97/68/EC




	A RANGE		U RANGE							T RANGE						
	L3815A	L4017A	L3811U	L3814U	L3816U	L3915U	L3916U	L3920U	L4015U	L4018U	L3814T	L3917T	L3920T	L4020T		
Self-levelling type	Mechanical self-levelling		Non-self-levelling							Hydraulic self-levelling						
Loader working pressure [bar]	190		190							190						
LIFT HEIGHTS																
A: Maximum lift height at implement pivot pin ¹⁾ [mm]	3,791	3,945	3,786		3,829		3,927			3,786		3,829		3,927		
B: Maximum lift height under horizontal bucket ¹⁾ [mm]	3,509	3,663	3,504		3,547		3,645			3,504		3,547		3,645		
C1: Clearance under dumped bucket at max dumped angle [mm]	2,899	3,053	2,894		2,937		3,035			2,894		2,937		3,035		
D1: Maximum reach at lift height / tires (bucket at 45° dumped position) [mm]	990	908	1,035		1,049		991			1,036		1,049		991		
WORKING ANGLES																
E: Maximum dumped angle ¹⁾ [°]	57		57							57						
F: Reach with bucket on ground ¹⁾ [mm]	2,305	2,634	2,370		2,508		2,654			2,370		2,508		2,654		
G: Maximum rollback angle ¹⁾ at ground level [°]	43	44	44		45		46			44		45		46		
DIGGING DEPTH																
H: Digging depth ¹⁾ [°]	151	217	212		262		302			212		262		302		
LIFTING CAPACITY																
Lift capacity to maximum height - at implement pivot ¹⁾ [kg]	1,872	2,196	1,843	1,528	1,832	2,332	1,975	2,319	2,272	2,259	1,446	1,807	2,138	2,081		
Lift capacity to 1,5 m height - at pivot point ¹⁾ [kg]	1,983	2,190	2,063	1,706	2,051	2,489	2,103	2,475	2,377	2,363	1,734	2,046	2,404	2,311		
Breakout force at pivot pin ¹⁾ [kg]	2,166	2,313	2,404	1,990	2,389	2,770	2,340	2,754	2,613	2,597	2,007	2,267	2,665	2,535		
Bucket rollback force at maximum height ¹⁾ [kg]	1,347	1,958	1,409	1,495	2,041	1,782	1,848	2,279	1,882	1,949	1,350	1,894		1,882		
Bucket rollback force at ground level ¹⁾ [kg]	1,502	2,222	1,015	956	1,320	1,904	1,778	2,194	2,068	1,962	1,274	2,023		2,068		
CYCLE TIME																
Raising time [sec.]	4,3	5,0	4,5	3,8	4,5	5,4	4,7	5,4	5,4	5,4	3,8	4,7	5,4	5,0		
Lowering time [sec.]	2,9	3,4	2,8	2,5	2,8	3,2	2,9	3,2	3,2	3,2	2,5	2,9	3,2	3,0		
Bucket dumped time from crowded position at max height [sec.]	1,5	1,7	1,0	0,5	0,6	1,3	0,8	0,9	1,3	0,8	1,9		2,7	3,0		
Bucket Rollback time at ground level [sec.]	2,0	2,3	1,4	0,7	1,0	2,0	1,1	1,3	2,0	1,1	1,1	1,9		2,0		
FEATURES																
Loader ready frame ²⁾	●		●							●						
3 rd hydraulic function	●		●							●						
MACH 2 [®] (for 3 rd function implement coupling)	○		○							○						
4 th hydraulic function	-		○							○						
MACH 2 [®] (for 4 th function implement coupling)	-		○							○						
SHOCK ELIMINATOR [®] System	●		●							●						
Electrical On / Off switch SHOCK ELIMINATOR [®]	○		○							○						
MACH System [®]	●		●							●						
FITLOCK 2+ System [®]	●		●							●						
EURO QUICK ATTACH IMPLEMENT CARRIER	●		●							●						
MX QUICK ATTACH IMPLEMENT CARRIER	○		○							○						
OTHER QUICK OPTIONS: MX – EURO, EURO – SMS, MX – FAUCHEUX WHITE, EURO – TENIAS, EURO – SIGMA 4	-		○							○						
FAST-LOCK System [®] (for EURO or MX QUICK ATTACH)	-		○							○						
AUTO-UNLOAD System [®]	-		-							○						
PCH SYSTEM [®] - Hydraulic self-levelling system	-		-							●						
Mechanic self-levelling (MSL)	●		●							-						



¹⁾ According to ASABE S301.5
²⁾ Factory installed or with front loader option for dealer installation
● Standard ○ Optional - Not available



   
caseih.com

 Free phone: 00 800 22 73 44 00

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.

TP01 / SM / 03.22 / Printed in Austria - Cod.No. 22C0001COMINB

CASE IH