

# FARMALL A







# THE NEXT GENERATION VERSATILE AND POWERFUL

## AFTER MORE THAN 170 YEARS WE REMAIN TRUE TO OUR VISION OF PROVIDING THE FARMERS OF TOMORROW WITH AGRICULTURAL MACHINERY THAT IS ALWAYS AN INNOVATIVE, RELIABLE AND PROFITABLE INVESTMENT

For more than 170 years Case IH has played a major role in shaping agriculture, with legendary brand names that include Case IH, International Harvester and David Brown. As the inventor of the power take-off, Axial-Flow® single rotor threshing and the hydraulic reversing gear, and as the pioneer of the continuously variable transmission, the Case IH heritage goes on. The pioneering vision of our forebears remains at the heart of every Case IH product to this day. It is with the same passion that we develop and produce agricultural machinery in Europe and across the world. The Case IH tractors in operation are testament to our dedication to meeting and exceeding the expectations of farmers around the globe.

This wealth of experience has given us the opportunity to listen to you and design products that deliver precisely what you need. Our drive for innovation has led us to devise advanced technological solutions to constantly drive up our machines' performance and productivity whilst making them easy to use and increasingly profitable. We strive tirelessly for perfection, achieving high quality in everything, down to the smallest detail. We demand of ourselves and our dealers the same high level of quality in the service we provide together to our customers. Our network of 391 dealers, 679 dealer branches and sub-dealers and 1,377 Case IH service centres in Europe is your guarantee of personalised and professional service.

## FARMALL A – A PERFECT FIT WITHIN YOUR BUSINESS

Farmall tractors have earned a reputation of being versatile and reliable workhorses ever since this name was introduced in 1923. Today's Farmall A is a worthy successor: The specification is such that new or novice operators will quickly become familiar, enabling a Farmall A to perform the supporting role within a large enterprise that may have many drivers. In smaller operations, its versatility along with the economical purchase price and its low running costs make Farmall A tractors a wise investment that is easy to justify.

Whilst Farmall A 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.

MODELS	Rated power ECE R120 <sup>1)</sup> @ 2,300rpm (kW/hp(CV))	Maximum torque ECE R120 <sup>1)</sup> @ rpm (Nm)	Number of cylinders / capacity (cm <sup>3</sup> )	Optimum fuel consumption @ 1,400rpm (g/kWh)
Farmall 85 A	63 / 86	351 @ 1,500	4 / 3,400	211
Farmall 95 A	73 / 99	407 @ 1,500	4 / 3,400	211
Farmall 105 A	79 / 107	444 @ 1,500	4 / 3,400	211
Farmall 115 A	84 / 114	457 @ 1,500	4 / 3,400	211

<sup>1)</sup> ECE R120 correspond to ISO 14396 and 97 / 68 / EC or 2000 / 25 / EC

# THE FARMALL A RANGE EFFICIENT AND EASY TO OPERATE

## EXPERIENCE EASE OF USE, RELIABILITY AND VERSATILITY EVERY DAY WITH THE FARMALL A RANGE

Farmall A tractors comply with all the latest safety standards for operator protection and the engines meet the Stage IIIB emission standards to ensure a clean, safe working environment. Proven transmission design, quality components and ruggedness of construction are combined to ensure lasting performance and reliability. Whatever specification you choose, you can be confident that Farmall A will perform.



### EASY ACCESS AND A GREAT VIEW

Slim pillars, large mirrors, a broad windscreen and carefully-designed door and window glass mean that, with a Farmall A, the view to loaders and trailed or mounted implements is among the best in this horsepower sector. There's no need to stretch to see what's happening.



### ERGONOMICS

The logically and ergonomically-positioned controls in the console and the improved layout of the concise instrumentation in the new dashboard are part of the package that makes tasks less onerous when operating a Farmall A. Levers and switches fall easily to hand, making operation instinctive after only a short time at the steering wheel.



### EXCELLENT VISIBILITY

The "A-pillar" exhaust location on new generation Farmall A ensures a clear and unobstructed forward view. As option the Vision Pack can provide a high visibility roof panel, additional rear worklights, rear wiper and telescopic rear view mirrors ensuring excellent visibility of all tasks from loader operations to road transport.

### ADVANTAGES

- More visibility for better loaderwork
- Redesigned central dashboard with indication of PTO and vehicle speed
- Optimum fuel consumption only 211g/kWh @ 1,400rpm
- More power and torque available on each model.
- 2WD available on Farmall 95 A





### DRIVING YOUR OPERATION

The turbocharged and intercooled engines of the Farmall A provide reliable power and performance, day in, day out. Power and better fuel efficiency characterise the FPT 4-cylinder engines of this tractor range. The simple, robust design and construction of the Farmall A result in a trouble-free and long working-life whilst reducing maintenance requirements.



### SPEED AND SAFETY

A wide range of transmissions is available, including a 12 x 12 synchromesh, a 20 x 12 creep speed transmission or a 12 x 12 Powershuttle\*, offering clutchless direction changes. Top travel speeds of 30kph or 40kph are available. For additional assurance when stopping, a braked front axle is optional on all models.



### POWERSHUTTLE

A shuttle lever mounted on the steering column makes for predictable and safe manoeuvring especially during loader work, yard scraping or tight headland turns and reduces physical strains during long hours of operation.



### HIGH-CAPACITY HYDRAULICS

With up to 3 rear remote valves, 2 mid mount valves and strong rear linkage, Farmall A is equipped to handle all tasks. Specifying the optional high flow hydraulic pump can increase hydraulic flow by 33% for quicker response and faster loader cycle times.



### PTO SPEEDS FOR MAXIMUM PERFORMANCE AND VERSATILITY

540 PTO is standard\*, as an option, you can choose between a 540/540E or a 540/1000 and servo-assisted PTO engagement. Both 540E and 1000 PTOs are aligned better to the power and torque curves of the engine, need lower engine rpm and thus further increase fuel efficiency. For convenience, pto shaft rotation speed is displayed in the dashboard.

\* depends on market specification





# CAB AND CONTROLS TAKE A SEAT IN THE COMFORT ZONE

The cab of the Farmall A has undergone changes to improve comfort and ergonomics during operation. All essential controls are logically and ergonomically positioned and within easy reach to make time spent at work more comfortable and more productive. The driving comfort required to make day-long multi-tasking a pleasure is the focus of the Farmall A cab design. With wide opening solid glass doors and anti slip steps, it's easy to get in and out of Farmall A. Comfortable seating, with space for a passenger, excellent visibility and a quieter cab are all factors that add up to a more refined work environment which leaves you feeling more refreshed.

## SITTING IN COMFORT

Drivers of Farmall A quickly become acquainted and 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 be specified.

## POWERSHUTTLE

A steering column-mounted hydraulic shuttle option allows for direction changes without clutching, ideal for loader work, yard scraping or field tasks requiring tight headland turns. Inside the transmission, oil cooling of the Powershuttle clutch packs ensures robust performance and long term reliability.

## LIGHTING

When a task needs completing and you have to work late, you can have complete confidence in Farmall A tractors to help you get the job done. With up to six roof-mounted worklights available to light the way, and a flashing beacon for road work, you can safely stay on until everything's sorted.

## SURROUND VISION

The large glass area and the exhaust pipe position ensures good all round visibility, whilst the optional high visibility roof panel reduces the effort required in loader applications.



# ECONOMICAL AND WITH THE POWER TO PERFORM

With four models between 86 and 114hp, there will be a Farmall A to fit your needs – whatever the power requirements of your business may be. Economical without compromising on power and durability, Farmall A delivers unbeatable value for money. With your Farmall A, you will benefit from improved power and torque values, better engine response and lower overall fuel consumption.

## FARMALL A DRIVING YOUR OPERATION

Farmall A tractors are powered by 4-cylinder 3.4 litre Common-Rail turbocharged and intercooled engines to give you maximum power for less fuel consumption. The high torque rise means fewer gear changes and greater efficiency, and the results speak for themselves. The FPT 4-cylinder Common Rail engine does not need to be driven at rated speed to perform: it delivers all its power at a fuel-saving 1,900rpm. This not only keeps fuel consumption down in all applications, it also results in high operating comfort due to the lower noise and vibration levels.

## POWER IS NOT EVERYTHING

What farmer would drive at full engine speed all the time? FPT's engine development team has devoted much attention and time to perfectly match the torque characteristics of the 4-cylinder engines to real working conditions. The result is impressive: a maximum torque of 457Nm is reached at a fuel-saving 1,500rpm, making the Case IH Efficient Power truly economic.

## RESPONSIVE ENGINE WITH LOWER EMISSIONS

The clean combustion achieved in the Farmalls' FPT engines allow for class leading 600 hours oil change intervals. In addition to the excellent fuel efficiency, emissions are also effectively reduced by the same proven technology used in other Farmall tractor ranges. The after treatment allows the engine mapping to be optimised for responsiveness and high power density – for optimum performance whatever the task may be.

### ADVANTAGES

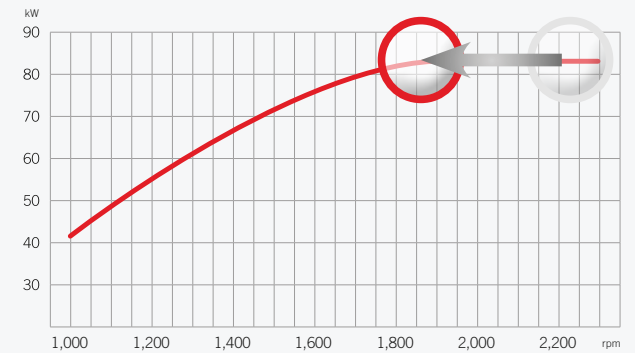
- Maximum performance at low engine speed of 1,900rpm:
  - lower fuel consumption
  - reduced engine noise
  - easy on tractors and implements
- Low idle speed of 700rpm: lower fuel consumption
- 121 litre fuel tank for long working days
- 600 hours service interval







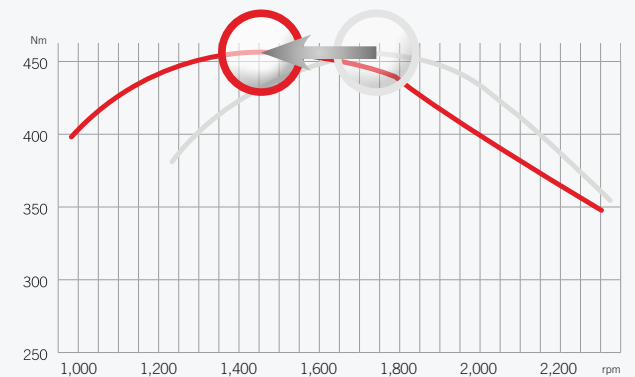
## POWER [KW] FARMALL 115 A



## FULL POWER EVEN AT 1,900RPM

Lower engine speed = lower fuel consumption: the Efficient Power concept takes full advantage of this principle. Through the dedication of the development team, full power output is reached at 1,900rpm, resulting in frugal fuel consumption.

## TORQUE [NM] FARMALL 115 A



## MAXIMUM TORQUE AT 1,500RPM

Efficient Power means that Case IH tractors never run out of breath, even when operating at low engine speeds. With a torque curve optimised at a fuel-saving 1,500rpm, the FPT engines deliver maximum torque exactly where it is needed the most.

# TRANSMISSION AND PTO PUTTING POWER TO WORK FOR YOU

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. A 540rpm rear PTO is standard\*.

## DEFINE YOUR NEEDS

Choose the transmission that best fits your needs. There's an economical 12 x 12 mechanical shuttle, or a 12 x 12 hydraulic Powershuttle\*.

## 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. The additional 8 creep gears\* add the speeds needed for special tasks – down to 250 metres per hour at rated engine speed. During operation, these ratios are engaged and disengaged by a separate lever that transforms the Farmall A into the ideal vegetable planting or harvesting machine.

## EXCEL AT VERSATILITY AND 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 LRZ loader range, your Farmall will excel at lifting and handling big bales or other bulk materials to make light work of the biggest task.

## PTO EFFICIENCY

A PTO with 540rpm working speed is standard\*, while there is also a choice of 540 Economy\* for low-power applications, or 1,000rpm\* for high-powered machinery.

\* depends on market specification

### ADVANTAGES

- 30 or 40kph 12 x 12 with synchro or hydraulic shuttle
- Creeper speeds available for greater versatility
- Lower fuel consumption with improved PTO drives









# HYDRAULICS RUGGED AND RELIABLE

With more oil flow for demanding implements, hydraulics performance has been markedly improved, thus increasing the Farmall A's versatility. Up to three rear remote valves are available, with a mid-mount connection for loader operation.

## POWERFUL HYDRAULICS

Farmall A tractors benefit from a dedicated hydraulic pump serving rear linkage and remote valves. With up to 63l/min\* available, response times are fast during linkage, loader and trailer tipping work.

## EASY HITCH CONTROL

The robust rear linkage has the ability to lift 3,565kg with ease. Depending on the nature of your work, separate quadrant levers to the right of driver seat allow the setting of hitch position and draft control for soil engaging implements, or any mix of the two. Externally, there is a ratchet device to enable linkage to be raised and lowered for implement hitch up.

## MECHANICAL FAST RAISE/LOWER – THE PRODUCTIVITY-PLUS

Mechanical fast raise/lower allows for easier and more ergonomic hitch operations with the possibility to make adjustments at any time. Pushed forward the fast raise/lower lever lowers implements to set height / depth and pulled back this lever raises implements to the value set by the height limiter.



Up to three mechanical rear remote valves are available for the Farmall A range.

### ADVANTAGES

- MHC mechanical hitch control standard on Farmall A tractors
- Mechanical fast raise/lower and remote controls relocated for better ergonomics
- Up to 3 mechanical remote valves at the rear
- 2 Mid-mount valves for control of extra application (loader, front-mounted implement).



\* depends on market specification



# DRIVELINE PRODUCTIVE AND SAFE ON ALL GROUNDS

Farmall A tractors are economical with fuel, but that doesn't mean they're skimping when it comes to power. All feature 4WD as standard to turn engine action into full-on traction, through an efficient and proven transmission.

## **EFFICIENT FIELD PERFORMANCE**

For impressive in-field traction and safety when operating on slopes, the Case IH 4WD front axle is unbeatable. In loose soils or wet conditions, the limited slip differential, acting on front axle and automatic differential lock at the rear axle, will ensure you keep going.

## **MOVE CONFIDENTLY**

A dedicated high flow steering pump enables confident operation. In and around farm buildings the tight turning axle delivers a minimum of 5.8m turn radius (Farmall 85 A) and easy manoeuvrability and 2wd Farmall 95 A can turn even tighter.

## **FAST AND SAFE**

Top travel speeds of 30kph or 40kph are available on Farmall A tractors and, for additional assurance of safe stopping in all conditions, a braked front axle is optional on 4wd models.

## **LOADER**

With the addition of a Case IH LRZ loader Farmall A tractors are equipped for every loading and handling task around the farm. Loaders are easy to attach or remove and in cab controls are ideally positioned for comfortable operation.



Efficient fieldwork with maximum traction.



Minimum turning radius of 5.8m.



Loaders are easy to attach or remove.

# SERVICEABILITY AND SYSTEM SOLUTIONS

Keep driving! Daily checks and cleaning have been made easier with the swing-out radiator package, while the air filter is conveniently located for quick inspection, and it's simple to check the oil level, with no need to open the engine hood.

When you buy a Case IH machine, you can be sure not only that you're buying the best product, but also that you've got the best dealer back-up behind you. Case IH dealers can offer advice on selecting and financing the right machine, will ensure they deliver what you need when you need it, and will then continue to back you and your equipment with the service and spare parts supply you'd expect from a name as trusted as Case IH.



## ALL THE PARTS AND SERVICE TO KEEP YOUR EQUIPMENT RUNNING

Find the full line of Case IH parts and components at your local dealer. Plus full service maintenance programmes and industry leading warranties. It's expertise applied by skilled, factory-trained service professionals committed to providing you maximum uptime, season after season.



## AROUND THE CLOCK. AROUND THE COUNTRY

Case IH Max Service is a customer support service that provides 24-hour, 7 days a week, access to the people, products, and parts support needed to keep your operation running during the times most critical to your profitability. Max Service backs up your dealer with every resource available to Case IH, to help maximise uptime and productivity of Case IH equipment and increase your return on investment through access to product experts and 24/7 emergency breakdown assistance.



## OFFERING FINANCIAL SOLUTIONS FOR MORE THAN 50 YEARS

CNH Industrial Capital's extensive experience in the agricultural industry has created a deep understanding of your unique needs. Competitive equipment financing with flexible payments can reduce upfront payments with operating and finance leases. For other needs, choose from credit cards specific to the agricultural industry. We can even help you finance crop-input products or land rental. There are financing options that fit the way you farm. CNH Industrial Capital helps you find them.

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MODEL	FARMALL 85 A	FARMALL 95 A	FARMALL 105 A	FARMALL 115 A
ENGINE	FPT	FPT	FPT	FPT
Number of cylinders / Capacity (cm³)	4 / 3,400	4 / 3,400	4 / 3,400	4 / 3,400
Type / Emission level	Common-rail diesel engine, turbocharged and intercooled / EURO-Stage IIIB			
Rated power ECE R120 <sup>3)</sup> @ engine rpm (kW/hp(CV))	63 / 86 @ 2,300	73 / 99 @ 2,300	79 / 107 @ 2,300	84 / 114 @ 2,300
Maximum torque ECE R120 <sup>3)</sup> @ engine rpm (Nm @ rpm)	351 @ 1,500	407 @ 1,500	444 @ 1,500	457 @ 1,500
Torque rise acc. OECD (%)	34	34	35	32
Fuel tank capacity (litres)	121	121	121	121
TRANSMISSION				
12 x 12 with mechanical shuttle, 30 or 40kph	●	●	-	-
12 x 12 with Powershuttle, 30 or 40kph	○	○	●	●
20 x 12 with mechanical shuttle and creeper, 30 or 40kph	○	○	-	-
POWER TAKE OFF				
Engagement type	Mechanical Standard / Servo assisted with power shuttle Option		Servo assisted Standard	
Speeds Standard (Option) (rpm)	540 (540/540E or 540/1,000)			
Ground drive optional available for PTO (rpm)	540, 540/540E, 540/1,000			
FOUR WHEEL DRIVE AND STEERING (DRIVELINE)				
Type	4WD with limited slip differential			
Min. turning radius <sup>1)</sup> (m)	5.8	5.8	5.8	5.8
HYDRAULIC SYSTEM				
Max. pump flow rate Standard (Option) (l/min)	47 (63)	47 (63)	47 (63)	47 / 63
MHC - Mechanical Hitch Control	●	●	●	●
Max. lift capacity / OECD lift capacity through range @ 610mm (kg)	3,565 / 2,700	3,565 / 2,700	3,565 / 2,700	3,565 / 2,700
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 <sup>1)</sup>				
Approximate shipping weight 2WD / 4WD (kg)	- / 3,740	3,540 / 3,740	- / 3,740	- / 3,740
Permissible total weight 2WD / 4WD (kg)	- / 5,800	6,000 / 6,000	- / 6,500	- / 6,500
A: Total height (mm)	2,562	2,609	2,609	2,609
B: Total length (mm)	4,320	4,320	4,320	4,320
C: Total width across fenders standard / extended (mm)	1,921 / 2,110	1,921 / 2,110	1,921 / 2,110	1,921 / 2,110
D: Wheel base 2WD / 4WD (mm)	- / 2,280	2,380 / 2,280	- / 2,280	- / 2,280
E: Height at centre of rear axle to top of cab (mm)	1,891	1,891	1,891	1,891
STANDARD TYRES <sup>2)</sup>				
Front 2WD / 4WD	- / 11.2R24	9.00-16 / 13.6R24	- / 13.6R24	- / 13.6R24
Rear	16.9R30	16.9R34	16.9R34	16.9R34

\* To comply with legislation and specification in your country

● Standard Equipment ○ Optional Equipment - Not available

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

 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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