FARMALL U

99 to 114 hp

EFFICIENTPOWER EP
MORE PRODUCTIVITY • LESS FUEL

CASE IH
AGRICULTURE

PROUD TO
DRIVE FARMALL U

INTRODUCTION

THE VERSATILE FRONT LOADER TRACTOR WITH YEAR ROUND CAPABILITY

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 Farmall tractors share their forebears' design emphasis on manoeuvrability, compact dimensions, ease of operation and a high power-to-weight ratio, creating a line of tractors capable of a huge range of tasks. Robust and reliable, these tractors are designed to take on general duties on arable farms, tough tasks on livestock units, and daily farm business. Whether working with mounted machinery, trailed equipment, with a loader or on transport duties, versatile Farmall U tractors more than live up to the reputation of the famous Farmall name.

PROVEN TRACK RECORD

With more powerful Stage IIIB emission compliant engines delivering higher levels of torque and performance across the range, coupled to the proven design features of cab and transmission, new Farmall U is a force to be reckoned with. The high power to weight ratio and nimble manoeuvrability makes new Farmall U even better suited to the PTO driven tasks, front loader operation and general haulage tasks of your operation.

FARMALL U DRIVES THE BUSINESS

This reliable hardworking utility tractor has the ability to handle the every day tasks of operation in livestock, dairy, and arable farming in either the leading role or as support to more powerful tractors. In peak season, when the hours are long and the job must get done, Farmall U will rise to the challenge and enable the team to deliver, and it is equally at home in municipal applications.

SPECIFIED TO YOUR APPLICATION

An extensive range of options, including front loaders, front linkage and PTO, turf, industrial or agricultural tyres, means Farmall U tractors will arrive fully equipped and ready to work. In addition, cab versions can be customised with performance monitors and ISO connector to enable data transfer between tractor and implement to suit the intended implements or task.

WORLD CLASS MANUFACTURING

World class manufacturing stands for competence, quality and performance of enthusiastic staff. Processes are optimised and testing as well as controls follow strict regulations which go far beyond common standards. The clear focus is to deliver machines which are ideal for the individual farmer.

MODEL	Rated engine power kW/hp(cv) @ 2,300 rpm	Engine capacity (cm^3)	Number of cylinders
Farmall 95 U	73/99	3,400	4
Farmall 105 U	79/107	3,400	4
Farmall 115 U	84/114	3,400	4

TAKE A **WALK AROUND**

ALL-DAY COMFORT

A large air-conditioned cab with 5.2m^2 glass area provides a superb operator environment. Inside a comfortable driver seat and optional passenger seat takes the stress out of the longest working day. A logical control layout and clear concise information displays complete the package.

ALL-ROUND VISION

The Farmall U cab features 'surround' vision from unsurpassed sight lines, courtesy of full-length glass doors, broad front and rear windows and an opening cab roof window for best-in-class loader visibility. The result is unobstructed views in every direction.

POWERFUL AND FUEL-EFFICIENT

Proven FPT engines with common rail fuelling technology and exhaust after-treatment meet Stage IIIB emissions legislation. Quick acceleration, more torque and constant maximum power is available between 1,900 and 2,300rpm.

DURABLE DRIVELINE

Farmall U models are equipped as standard with an efficient, effective 24 x 24 two-speed Powershift transmission, while options include a 12 x 12 gearbox with 40kph capability and an optional 20 x 20 creeper gearbox that allows speeds as low as 255 metres/hour. All transmissions are equipped with Powershuttle, which can be modulated for soft/medium/fast response.

HIGH-CAPACITY HYDRAULICS

An EHC (Electronic Hitch Control) is standard. With a choice of up to three rear and two mid-mounted hydraulic remote valves, hydraulic flow can be directed as required to control a wide range of equipment. At the rear linkage, there's maximum 5,400kg (OECD) of lifting power.

THE PERFECT LOADER TRACTOR

Loader-ready available from the plant includes a loader sub-frame with rear axle reinforcement, multiblock quick connection, mid mount valves and integrated joystick. A shuttle lever mounted on the steering column makes for predictable and safe manoeuvring especially during loader work, around the yard or tight headland turns.

LARGER TYRES

With 38in tyres and 100% diff lock on both front and rear axles, Farmall U models can really put their power to the ground for ultimate productivity. A bigger tyre footprint improves traction and reduces compaction.

MAXIMUM UPTIME

Longer service intervals of 500 hours mean that Farmall U tractors spend much more time at work and much less in the workshop.

EfficientPower EP
MORE PRODUCTIVITY • LESS FUEL

WELCOMING **WORKPLACE**

THE CAB

COMFORTABLE AND ACCESSIBLE

Day-long driving comfort, whatever the task, is a hallmark of the Farmall U tractor range. Non-skid steps and wide-opening, solid-glass doors ensure safe and comfortable access.

THE FEEL-GOOD TRACTOR

The comfort of the seat can be increased by specifying the air suspension option which enables more precise ride comfort adjustments to better compensate for rough terrain. For a breath of fresh air, the side windows or roof hatch can be opened, whilst an opening front windscreen is available as an option.

ADJUST TO YOUR PERSONAL COMFORT

The drivers seat and steering column are fully adjustable to achieve the most comfortable working position for operators large and small. For maximum comfort upgrade to a seat with low frequency suspension and heated cushions. When not in use the passenger seat folds away neatly to ensure easy entry and exit.

ALL AROUND VISIBILITY

With unsurpassed sight lines, the Farmall U cab features surround vision and an opening high-visibility cab roof window for unobstructed views in all directions.

TURN NIGHT INTO DAY

There are a wide variety of lighting packages available for the Farmall U, including full sets of front and rear worklights that help ensure all areas of working implements are easily illuminated.

COMFORT ZONE

Ten air outlets on the steering console allow drivers to create a comfortable working environment according to the season. Optional factory-installed air conditioning ensures a cool operating environment and rapid demisting whatever the outside temperature.

PUTTING YOU **IN CONTROL**

THE CONTROLS

EASY TO OPERATE

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

CLEARLY DEFINED

A new instrument display makes it easy to keep abreast of critical tractor information like fuel level and PTO speed.

EASY TO READ

Dash display and Powershuttle control tilt with the steering column.

STAY FOCUSED

All of the main operating controls are grouped to the operator's right and are laid out so that operation soon becomes intuitive.

POWERSHUTTLE

A steering column-mounted hydraulic shuttle option allows for direction changes without clutching, ideal for loader work, or field tasks requiring tight headland turns.

ENGINES **THAT EXCEL**

ENGINES

Farmall U tractors are powered by 4-cylinder engines which are turbocharged and intercooled to give you maximum power for minimal fuel consumption. A steep torque rise means quick acceleration on the road and aggressive pulling power in the field, while constant power ensures peak performance in PTO applications.

HIGHER POWER, LOWER COSTS

These new generation engines are designed to deliver the kind of power you expect from a Case IH tractor while keeping running costs to a minimum. Maximum torque at 1,500rpm is a massive 461Nm on the Farmall 115 U and rated speed is at 2,300rpm resulting in lower fuel consumption. Plus with service intervals at 500 hours you save on servicing costs too.

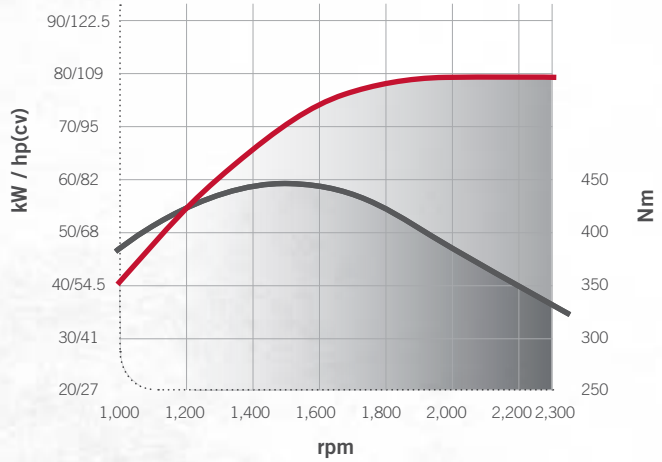
POWER WHEN AND WHERE YOU NEED IT

Excellent power output across a wide rpm bandwidth means less gear shifting and increased economy as a result. Even at low engine speed, the high starting torque gives you aggressive pulling power and the steep power curve gives you the boost you need for operating PTO and hydraulics comfortably and efficiently.

ALL-WEATHER PERFORMANCE

New high density radiators protected by fine mesh debris screens pack more cooling into smaller dimensions for fast and effective heat rejection even when operating in high ambient temperatures. In colder climates the optional viscous fan enables a faster warm up and runs only when the engine has reached operating temperature. Operating temperature is thus attained more rapidly and then kept at a constant level. A high-capacity battery and a grid-heater integrated into the cylinder head assist cold-starting even at temperatures down to -25°C.

FARMALL 105 U POWER CURVE



GREATER STAYING POWER

With up to 35% of torque in reserve, Farmall U 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 140 litre fuel tank ensures you stay productive so the working day is not interrupted by the need to re-fuel.

EASY MAINTENANCE

Engine oil checks are possible without lifting the hood and easy access to cooling package for cleaning purposes. The optional dust ejector extends the service interval of the air filter.

THE POWER **TO PERFORM**

TRANSMISSION & PTO

Farmall U transmissions and PTO drives are engineered for the highest degree of efficiency and reliability. Precision helical gears and forced lubrication systems are perfectly matched to the engine and driveline for endurance and performance.

PROVEN TRANSMISSION

Many hours of successful operation have proved the robust reliability of these transmissions in the hands of customers across the world. In Europe, the 24 forward and 24 reverse speed with 2-speed Powershift and Powershuttle transmission is standard. Ratios are closely matched enabling a rapid speed progression without loss of momentum up to the maximum speed of 40kph for road transport work. In field applications there are 11 speeds in the all important 4-12kph working range.

MORE TRANSMISSION CHOICES

If the sophistication of a 24 x 24 2-speed Powershift with Powershuttle transmission is not appropriate for your application, then Farmall U tractors can also be equipped by a 12 x 12 Powershuttle transmission. For specialist tasks where precision is a priority a 20 x 20 Powershuttle transmission with creep speed option is available on this driveline enabling speeds down to 255 metres per hour at rated engine speed.

ADJUSTABLE POWERSHUTTLE

Powershuttle reaction on Farmall U models can be tailored to the task in hand with three response levels – soft/medium/fast. Fast is the optimum choice when you need a quick reaction during, for example, loader work in tight spaces, whereas soft is a better option when time is not critical and you prefer a smooth direction change.

PTO POWER FOR EVERY TASK

The PTO driveline of Farmall U transmits maximum power for a year's worth of activity, from cultivating in Spring to mowing in Summer, feeding in Autumn and snow blowing in Winter. For implements with low power requirements, such as sprayers or rotary brushes the 540 Economy speed provides 540 rpm rotation speed at 65% engine speed for greater fuel efficiency and reduced engine noise. In every application the easy operation and ready power delivery will give you the edge and keep you on schedule. A ground speed PTO is available (only for 540/540E/1,000 PTO) for specialist applications, matching proportionately the shaft rotation speed to that of the rear wheels.

EXTEND THE VERSATILITY

Equipping your Farmall U tractor with 2,250kg of front lift capacity and a 1,000rpm front PTO increases your productivity. For stationary applications, like water or slurry pumping, the option of external fender mounted PTO switches eases operation and improves safety when working alone.

HANDLE THE **HEAVIEST LOADS**

HYDRAULICS & LOADER

VERSATILE HYDRAULIC POWER

Around the yard and in the field, multitasking Farmall U tractors power your business forward, moving muck, shifting silage, getting grain and ferrying fertiliser.

MULTIFUNCTIONAL HYDRAULIC POWER

Farmall U tractors can be specified with up to three rear and two mid-mounted hydraulic remote valves, allowing them to operate all sorts of equipment. The rear linkage has the capacity to lift a maximum of 5,400kg. As well as front and/or rear-mounted equipment, the Farmall U is designed to work harmoniously with a front loader. In the field, on the road and around the farmyard, you can rely on the Farmall U to deliver top productivity cost effectively.

- Electronic rear hitch control for comfort, accuracy and safety
- An optional electrical diverter on 3rd valve enables 4 independent circuits to be powered from rear remotes
- Individual flow setting on each remote: high flow or low flow on demand
- Mid mount valve joystick to operate either two mechanical or two electrical valves at the same time
- Mid-mount valve for control of extra application (loader, front-mounted implement)

GIVE YOUR BUSINESS A LIFT

Whether your need is for stacking bales, loading silage, shifting grains or handling palletised goods, the Case IH LRZ loader and its extensive range of attachments can take this load of your mind. Speedy changes between attachments are possible thanks to the quick attach coupling and mounting and dismounting the loader from your tractor is a simple task. If required front loader arms from the LRZ range can be shared between Farmall ranges and Maxxum tractors for the ultimate in flexibility and versatility across your business.

LOADS BETTER

Case IH LRZ loaders are the perfect match for Case IH Farmall U tractors and with a lifting capability of 2,540kg, they are unbeatable.

INTEGRATED JOYSTICK

Perfectly positioned, truly responsive.

FAST AND EASY CONNECTION

Factory fitted: plug & play loader coupling.

TURN POWER **INTO PROFIT**

DRIVELINE

The best engines in the business are no good if you can't put their power down where it's needed – at the wheels. That's why Case IH focuses on transmissions, steering, braking and wheel/tyre equipment to ensure that as much as possible of the potential in the engine gets to the ground.

MAXIMUM TRACTION AND STEERING ANGLE

Robust four-wheel drive axles provide extra traction when the going gets tough and four-wheel braking for road transport, for sure-footedness in the field and confidence on the road.

Non-slip performance: the hydraulic-locking front differential option ensures maximum traction in the field and zero tyre scrub around the yard.

Move confidently. Wide front fenders (480mm) can turn independently of the front wheels to permit the maximum steering angle and retain wheel coverage. The 60° steering lock of the 4WD axle enables a turning radius of 4,050mm for easy manoeuvrability inside buildings and around the farmyard.

No Limits. With a minimum weight of 4,150kg and a 3,250kg payload, you can be sure that the Farmall U has the capacity to tackle any task.

When equipped with a full front ballast set, 50% of the tractor weight is on the front axle to ensure smooth road transport, even with heavy rear mounted implements.

A choice of hydraulic or pneumatic trailer brakes is available to suit customer requirements.

Thanks to the 38in tyres and 100% diff lock on both front and rear axles, traction isn't an issue. Larger tyres have better tractive ability. Standardised wheel hubs (275mm) to facilitate swapping wheels between vehicles (e.g. Farmall U, Maxxum, Puma).

DESIGNED FOR OPTIMUM HANDLING

- A high power-to-weight ratio, robust braking package and a 4WD system designed without compromise ensures Farmall U tractors are well-placed to meet all farm challenges.
- Heavy duty front & rear axles – for maximum durability
- Operator comfort & safety
- Agricultural and industrial tyre options allow you to configure Farmall U to suit the needs of your particular enterprise

SERVICEABILITY

Keep driving! Daily checks and cleaning have been made easier with the new 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 backing you'd expect from a name as trusted as Case IH.

CNH INDUSTRIAL PARTS & SERVICE

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.

MAX SERVICE

00800 227344 00 • 00800 CASE IH 00

AROUND THE CLOCK. AROUND THE COUNTRY

Case IH Max Service is a customer support service that provides 24-hour, seven-day-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 maximize uptime and productivity of Case IH equipment and increase your return on investment through access to product experts and 24/7 Emergency Breakdown Assistance.

CNH INDUSTRIAL CAPITAL

OFFERING FINANCING 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 and CNH Industrial Capital helps you find them.

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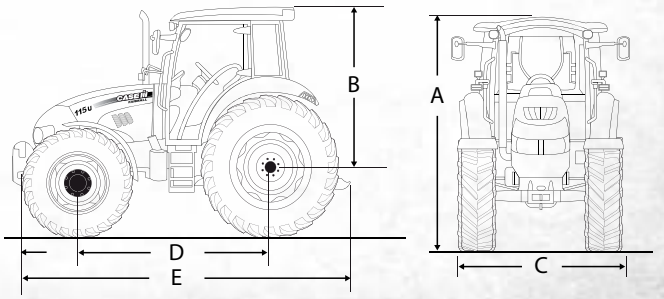
WWW.CASEIHSHOP.COM

MODELS	FARMALL 95 U EFFICIENT POWER	FARMALL 105 U EFFICIENT POWER	FARMALL 115 U EFFICIENT POWER
CASE IH ENGINE			
No. of cylinders / Capacity (cm³) / Aspiration / Emission level	4 / 3,400 / Turbocharged and intercooled with common rail fuel injection/ Stage IIIB compliant		
Maximum engine power ECE R-120 [1] @ 1,900rpm (kW/hp(cv))	73/99	79/107	84/114
Rated engine power ECE R-120 [1] @ 2,300rpm (kW/hp(cv))	73/99	79/107	84/114
Rated engine speed (rpm)	2,300	2,300	2,300
Max. torque ECE R-120 [1] @ 1,500rpm (Nm)	407	444	461
Torque rise acc. OECD (%)	34	35	32
Fuel tank capacity (litres)	140	140	140
TRANSMISSION			
24 FWD / 24 REV with 2-speed Powershift and Powershuttle	●	●	●
12 FWD / 12 REV with Powershuttle	O	O	O
20 FWD / 20 REV with Powershuttle and creeper gears	O	O	O
FOUR-WHEEL DRIVE AND STEERING			
4WD (Four-wheel drive) front axle standard	electro-hydraulic engagement		
4WD differential	electro-hydraulic fully locking differential		
Optimum turning radius 4WD (m)	4.05	4.05	4.05
POWER TAKE OFF			
Engagement type	electro-hydraulic engagement		
Rear PTO speeds standard (rpm)	540 / 540E / 1,000		
Front PTO (rpm)	optional 1000		
HYDRAULIC SYSTEM			
Max. pump flow – standard/optional	65 l/min (optional 84 l/min)		
Control type	EHC (Electronic Hitch Control)		
Lift capacity (kg)	5,400kg at link end / 4,770kg at 610mm		
Rear remote valve std / optional	2 with flow control / max 3 with 1 diverter		
Front hitch* over full range lift capacity (kg)	2,250	2,250	2,250
WEIGHT and DIMENSIONS[2]			
Minimum unballasted shipping weight* (kg)	4,150	4,150	4,150
Permissible total weight (kg)	7,400	7,400	7,400
A: Overall height with 16.9R38 tyres to top of roof (mm)	2,693	2,693	2,693
B: Centre of rear axle to top of roof (mm)	1,897	1,897	1,897
C: Minimum width over rear fenders (mm)	2,100	2,100	2,100
D: Wheelbase (mm)	2,350	2,350	2,350
E: Total length standard (mm)	4,161	4,161	4,161
INDICATIVE TYRES [3]			
Front	13.6 R24	440/65 R24	480/65 R24
Rear	16.9 R34	540/65 R34	540/65 R38

● Standard Equipment O Optional Equipment - Not available [1] ECE R-120 correspond to ISO 14396 and 97/68/EC [2] All dimensions related to standard tyres [3] Other tyres on request [*] depends on market specification

LRZ LOADERS	LRZ 95	LRZ 100	LRZ 120
Max. lift capacity (kg)	2,060	2,540	2,300
Max. height (mm)	3,740	3,740	4,070
Power range (hp(cv))	70-100	70-100	90-120



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 ACTELA lubricants.

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