

FARMALL U PRO

99 to 114 hp



EFFICIENT POWER EP
MORE PRODUCTIVITY • LESS FUEL

CASE IH
AGRICULTURE

PROUD TO
DRIVE PREMIUM



INTRODUCTION

THE FARMALL U PRO – COMFORT AND POWER

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. Comfortable and powerful, 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, multipurpose Farmall U PRO tractors more than live up to the reputation of the famous Farmall name.

WORK WITH EFFICIENT POWER

With more powerful Stage IIIB emission compliant engines delivering higher levels of torque and performance across the range, coupled to the design features of a well-appointed cab, 4-speed powershift transmission and 4-speed pto, the new Farmall U PRO is a force to be reckoned with. A high power to weight ratio and nimble manoeuvrability make new Farmall U PRO even better suited to the pto driven tasks, front loader operation and general haulage tasks of your operation.

PREMIUM COMFORT AND YEAR-ROUND CAPABILITY

This reliable hardworking utility tractor is ready to meet the needs of municipal users and 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 PRO will rise to the challenge and enable the team to deliver.

MADE IN AUSTRIA WITH 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. Our clear focus is on delivering machines tailored to the individual farmer.

MODEL	Rated engine power kW/hp@2,200rpm	Engine capacity (cm³)	Number of cylinders
Farmall 95 U PRO	73/99	3,400	4
Farmall 105 U PRO	79/107	3,400	4
Farmall 115 U PRO	84/114	3,400	4



TAKE A WALK AROUND

STRONG, ROBUST AND TAILOR-MADE

An extensive range of options including front loaders, front linkage and pto, turf, industrial or agricultural tyres means Farmall U PRO 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.



THE COMFORT ZONE

With a low noise level of just 72db (A), full air conditioning and controls that are placed to ensure easy operation, the cab of the Farmall U PRO offers a superb operator environment. Easy-to-read, steering column-mounted instrumentation, an easily adjustable and comfortable driver's seat and a comfortable passenger seat that folds out of the way take the stress out of the longest working day.



PUTTING YOU IN CONTROL

The Farmall U PRO 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.



POWERED BY EFFICIENCY

Proven FPT engines with common rail fuelling technology and exhaust after-treatment meet Stage IIIB emissions legislation. They provide more torque and quicker acceleration, with constant maximum power available between 1,900 and 2,200rpm.





ADVANCED DRIVELINE

Farmall U PRO models are equipped as standard with an efficient, effective 32x32 four-speed powershift transmission, with 40 kph Eco capability at 1,750 engine rpm. The power curve is perfectly matched to the 4-speed PTO (540/540E/1,000/1,000E), delivering the power required whatever task the tractor is charged with, from hay turning to heavy-duty power harrowing.



HOIST THE HEAVIEST LOADS

An EHC (Electronic Hitch Control) is standard. With a choice of up to four 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 is maximum 5,600kg (OECD) of lifting power with two external rams. Choose either the standard pump for 60l/min (OCLS) or the optional 100l/min (CCLS) version for high delivery capacity.



GIVE YOUR BUSINESS A LIFT

The Farmall U Pro is available loader-ready from the factory, complete with a loader sub-frame with rear axle reinforcement, electrical connector, electrical and mechanical mid-mount valves and quick coupler. A steering column-mounted shuttle lever makes for safe and predictable manoeuvring during loader work, yard scraping or tight headland turns.



VERSATILE AND PRODUCTIVE

A fully integrated front linkage design provides an ideal match between front PTO* and front hitch*. It offers a second mounting area for equipment combinations to save time and costs.

*options, depends on market specifications



The image shows the interior of a modern tractor cab. The view is from the driver's perspective, looking forward. The steering wheel is black with a silver center featuring the John Deere logo. Behind the wheel is a dashboard with several analog gauges and a central digital display showing 'N' for neutral and '0.00'. To the left of the wheel, there's a control lever with a yellow knob. To the right, there's a gear shift lever and a handbrake. The cab has large windows with side mirrors. The text 'QUIET, CALM COMFORTABLE' is overlaid in the upper right quadrant of the image.

QUIET, CALM
COMFORTABLE



THE CAB

FINEST QUALITY ACCOMMODATION

As soon as you take a seat in a Farmall U PRO cab, you'll see the difference that innovative Case IH design and Austrian build quality bring to this power bracket. The Farmall U PRO has been developed entirely at our St. Valentin factory, where the tractors are also manufactured and our dealers receive thorough product training.

PREMIUM PACKAGE

Case IH engineers believe drivers of tractors in this power class deserve the same cabin comforts as those enjoyed by operators of larger machines. Sit down in the Farmall U PRO cab and the first thing you'll detect is the premium seating, with a range of options including air suspension. Then turn the key, and you'll notice how much work has gone into muting engine noise and vibration.

SOLID BUILD

Operate any of the Farmall U PRO's fingertip controls – such as the improved Multicontroller, the joystick for electronic remote valves and others that are grouped on the new right-hand console – and you'll find they fall easily to hand, with a quality feel and positive action about them.



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.



SEE ALL AROUND YOU

Look around and you'll see how visibility has been improved in every direction – through the sides, to the rear, down the bonnet line, even above, with a roof window to aid loader operation. For working at night or inside unlit buildings, there's a full package of cab-mounted worklights to illuminate the dark.



TURN NIGHT INTO DAY

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

PREMIUM CLASS **CABIN**





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. Dash display and powershuttle control tilt with the steering column.



EVERYTHING TO HAND

With the Case IH Multicontroller, all key tractor operating functions are at your fingertips, including the transmission, shuttle, power clutch, automatic shifting, constant engine speed, rear hitch controls and, where specified, electronic remote valves.



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, yard scraping or field tasks requiring tight headland turns – no more aching left leg muscles after a long day's work.

YOUR EXPECTATIONS
EXCEEDED



ENGINES

Farmall U PRO 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 PRO and rated speed is at 2,200rpm resulting in lower fuel consumption. And with service intervals at 500 hours you save on servicing costs too.

CONSTANT ENGINE SPEED

It allows to programme 2 different values for constant engine speed for specific applications, like pto, draft or hydraulic operations.

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.

POWER WHEN AND WHERE YOU NEED IT

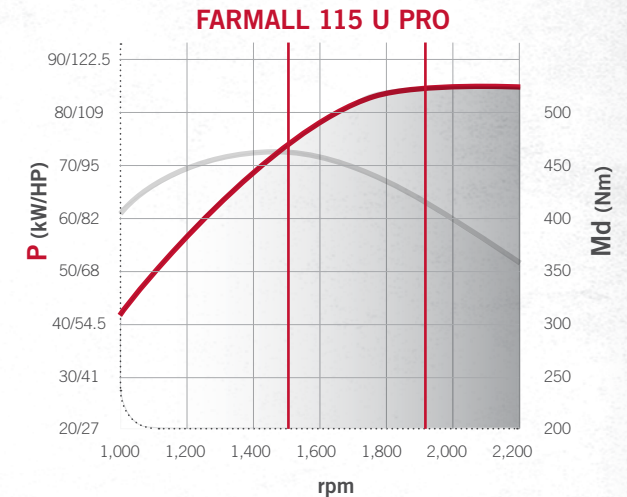
Excellent power output across a wide rpm bandwidth means less gear shifting and increased economy as a result. Even at low engine speed, the high starting torque gives you aggressive pulling power and the steep power curve gives you the boost you need for operating PTO and hydraulics comfortably and efficiently. In addition, low fuel consumption and a big 160 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 extend the service interval of the air filter.

EcoDrive™ - THE INTUITIVE WAY TO SAVE FUEL

Using the ECO lever the driver can fix a certain engine speed to match the engine performance and efficiency to each job. With activated automatic shifting function, you can adjust the gear change in dependance of engine speed and load.



PUTTING POWER TO WORK FOR YOU



TRANSMISSION & PTO

Putting power where it's needed efficiently and effectively has been the focus of Farmall U PRO design engineers. With precision-cut helical gears and forced lubrication, the four-speed semi-powershift transmission is smooth to work with and efficient in operation, while the clutchless powershuttle provides smooth on-the-go direction changes. Further down the drive-line, the power-take-off offers maximum output at minimal rpm.

SMOOTH SHIFTING

Within the four powershift speeds, the transmission provide automatic shifting based on load for increased productivity and fuel savings. When changing gear, a speed-matching function adapts the powershift speed to optimum engine power.

FULL PTO PACKAGE

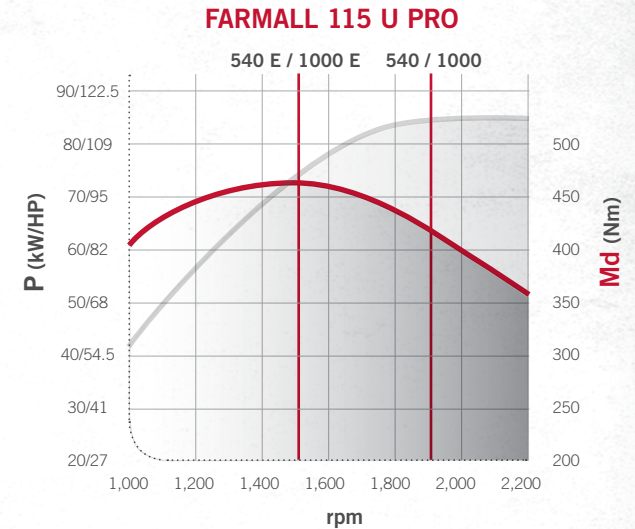
A full complement of pto speed capabilities means Farmall U PRO tractors can efficiently operate everything from the lightest tedder to the most power-hungry harrow. As well as the standard 540rpm and 1,000rpm shafts, 540E rpm and 1,000E rpm settings are also available, allowing for significant fuel savings in certain situations. Economy PTO speeds are reached at 1,500 engine rpm, where maximum torque is attained with minimum fuel consumption. For maximum power, meanwhile, the standard 540rpm and 1,000rpm speeds require just 1,900 engine rpm.

AUTO PTO CONTROL

For greater working comfort, rear PTO can be programmed to switch off and on again automatically when the hitch is raised.

THE FARMALL FOR ALL FARM JOBS

The integral front linkage and 1,000rpm pto options are designed to fit seamlessly into the tractor's nose, and are fully compatible with front loaders. Operation can be either mechanical or electro-hydraulic, and lift capacity is 2,250kg.



BIG TRACTOR **MUSCLE**



HYDRAULICS & LOADER

VERSATILE HYDRAULIC POWER

Whether it's drawbar pull, pto power or hydraulic output, Farmall U PRO tractors punch well above their weight. To meet individual operation requirements, there is a choice of open- (60 l/min) or closed-centre (100 l/min) load sensing hydraulic systems. Separate oil reservoirs serve the steering system and spool valves.

MULTIFUNCTIONAL HYDRAULIC POWER

Farmall U PRO tractors can be specified with up to four 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 5,600kg. As well as front and/or rear-mounted equipment, the Farmall U PRO 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 PRO to deliver top productivity cost effectively.

- Electronic rear hitch control for comfort, accuracy and safety
- Up to 4 independent circuits with 8 couplers can be powered from the rear remote valves
- 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 indeed 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 PRO 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

NO-LIMITS **VERSATILITY**



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 4,500kg and a 3,000kg payload, you can be sure that the Farmall U PRO 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. With 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) facilitate swapping wheels between vehicles (e.g. Farmall C, Farmall U).

DESIGNED FOR OPTIMUM HANDLING

- A high power-to-weight ratio, robust braking package and a 4WD system designed without compromise ensure Farmall U PRO tractors are well-placed to meet all farm challenges.
- Heavy duty front & rear axles – for maximum durability
- A low centre of gravity aids control and improves safety on hilly terrain.
- Agricultural and industrial tyre options allow you to configure Farmall U PRO 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.



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 fullservice 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, 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.



OFFERING FINANCING SOLUTIONS FOR MORE THAN 50 YEARS

CNH 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 Capital helps you find them.

**VISIT OUR FANSHOP AT
WWW.CASEIHSHP.COM**



MODELS	FARMALL 95 U PRO Efficient Power	FARMALL 105 U PRO Efficient Power	FARMALL 115 U PRO Efficient Power
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⁾ @ 1,900 rpm (kW/hp)	73/99	79/107	84/114
Rated engine power ECE R-120 ¹⁾ @ 2,200 rpm (kW/hp)	73/99	79/107	84/114
Rated engine speed (rpm)	2,200	2,200	2,200
Max. torque ECE R-120 ¹⁾ @ 1,500 rpm (Nm)	407	444	461
Torque rise acc. OECD (%)	34	35	32
Fuel tank capacity (litres)	160	160	160
TRANSMISSION			
32 FWD / 32 REV with 4-speed powershift and powershuttle (40 kph@1,750 rpm)	●	●	●
FOUR-WHEEL DRIVE AND STEERING			
4WD (Four-wheel drive) front axle standard	electro-hydraulic engagement / optional electro hydraulic diff.lock		
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 with Auto PTO control		
Rear PTO speeds standard (rpm)	540 / 540E / 1,000 / 1,000E (with stationary Ground Speed)		
Front PTO (rpm)	optional 1000		
HYDRAULIC SYSTEM			
Max. pump flow – standard/optional	60 l OCLS / optional 100 l/min CCLS		
Control type	EHC (Electronic Hitch Control)		
Lift capacity @ 610 mm (OECD) - with 60l/min / 100 l/min pump	4,100 / 4,700	4,100 / 4,700	4,100 / 4,700
Remote valve std / optional	2 rear with flow control / max 4 rear, 2 mid mounts		
Front hitch* over full range lift capacity (kg)	2,250	2,250	2,250
WEIGHT and DIMENSIONS ²⁾			
Minimum unballasted shipping weight* (kg)	4,500	4,500	4,500
Permissible total weight (kg)	7,500	7,500	7,500
A: Overall height with 16.9R38 tyres to top of roof (mm)	2,673	2,673	2,673
B: Centre of rear axle to top of roof (mm)	1,877	1,877	1,877
C: Minimum width over rear fenders (mm)	2,100	2,100	2,100
D: Wheelbase (mm)	2,420	2,420	2,420
E: Total length standard (mm)	4,166	4,166	4,166
STANDARD TYRES ^{2, 3)}			
Front	480/65 R24	480/65 R24	480/65 R24
Rear	540/65 R38	540/65 R38	540/65 R38

● Standard Equipment

¹⁾ ECRE R120 correspond to ISO 14396 and 97/68/EC

²⁾ All dimensions related to standard tyres

³⁾ Other tyres on request

^{*)} depends on market specification

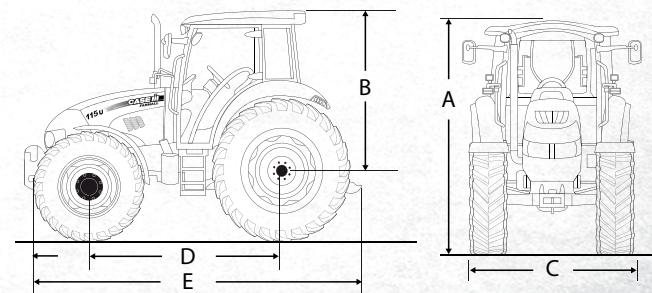
LRZ LOADERS	LRZ 95	LRZ 100	LRZ 120
Max. lift capacity (kg)	2,060	2,540	2,300
Max. height (mm)	3,740	3,740	4,070
Power range (hp)	70-100	70-100	90-120



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 **ARCELA** lubricants.

CNH UK Ltd., Cranes Farm Road, Basildon, Essex SS14 3AD

© 2012 CASE IH - Farmall U PRO-COM-BR - Free phone 00800 22 73 44 00 - Printed in Italy - 01/13 - TP01 - Cod. 12C0013/COM





www.caseih.com