

# FARMALL® M

TRACTORS 90, 100 & 110 HP



FARMALL M

CASE IH

CASE IH

# DESIGN BEYOND COMPARISON

Farmall M ActiveDrive 4 tractors from Case IH offer a unique package in which every single detail has been meticulously designed, with superior features and innovations engineered to meet future needs. With the ActiveDrive 4 transmission, true power comes to life.



At the heart of the new Farmall M ActiveDrive 4 tractors is the powerful S8000 engine, standard in all models, making easy work of even the heaviest load. With Tier 3 emission level, 4 cylinders, 3908 cm<sup>3</sup> cylinder volume, Turbo-Intercooler and high torque values, the Farmall M ActiveDrive4 is designed to combine power with efficiency.



## ACTIVEDRIVE 4 TRANSMISSION

The Case IH Farmall M comes with the ActiveDrive 4 transmission. Designed to deliver high levels of power and torque, ActiveDrive 4 is a smooth-shifting semi-powershift transmission. Change up or down on-the-run with button controls duplicated on the RHS console and range change lever. With a total of 16 forward and 16 reverse gear and the option of a 32 x 32 creeper, the ActiveDrive 4 transmission covers a wide range of speeds, from 0.28 km/h to 40 km/h.

With minimal power loss during gear changes, torque is instantly on tap at key working speeds, increasing productivity and saving fuel

Auxiliary equipment such as the electro-hydraulic power shuttle, power shuttle sensitivity settings, automatic 4 WD, automatic differential lock, and buttons for easy gear shifting, ensures that maintaining high levels of operating efficiency is never at the expense of comfort, which remains paramount in the equipment design.



## SPECIAL WATERPROOF TRANSMISSION

The ActiveDrive transmission operates trouble-free even in wet fields, delivering maximum performance under challenging conditions. Uninterrupted operation is ensured by special guards mounted on the axle and transmission which prevent water and mud from penetrating. The waterproof transmission is optional on Farmall M ActiveDrive 4 models.



#### **ELECTRO-HYDRAULIC POWER SHUTTLE AND SENSITIVITY SETTING**

The system allows forward and backward movements without pressing the clutch pedal in row-end turns or where manoeuvring is limited. The hydraulic power shuttle system is located ergonomically under the steering wheel and enhances comfort while at the same time generating time and fuel savings.

Power shuttle sensitivity setting is an additional feature allowing the operator to adjust the forward-backward movement speed (slow or fast) as controlled by an electro-hydraulic power shuttle, depending on working conditions and the type of attachment used.



#### **POWERFUL HYDRAULIC EQUIPMENT, READY TO DO THE HARD WORK FOR YOU**

Case IH Farmall M ActiveDrive 4 tractors use electro-hydraulic components to ensure utmost efficiency when working with a variety of agricultural attachments. Electronic draft control, hydraulic lift capacity of 5,200 kg, up to six hydraulic outlets, and fender mounted controls are just a few of the superior Farmall M features. The standard electronic hitch control system ensures high precision especially during subsoil work by making it easy to control heavy agricultural attachments. Farmall M ActiveDrive 4 lets you adjust the settings in the electro-hydraulic system to meet all your needs, offering superior performance under any condition.

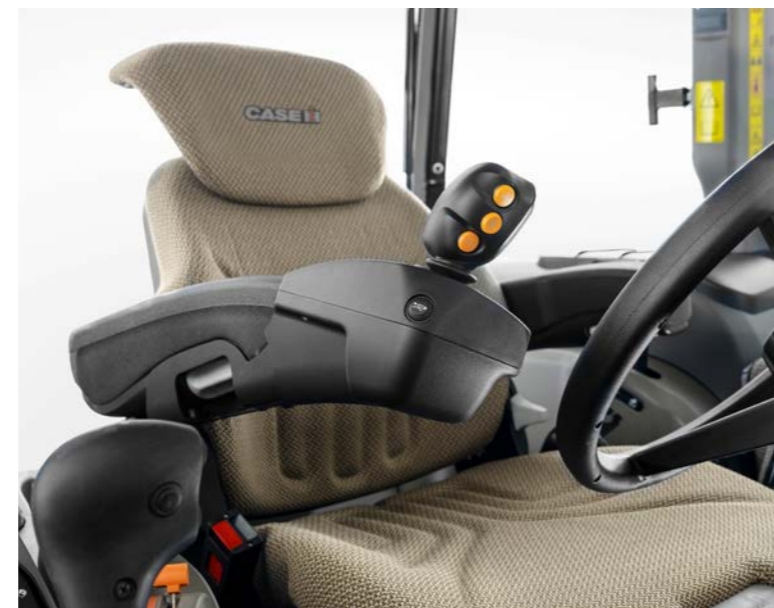
## **TAKE ON THE TOUGHEST CHALLENGES**

#### **POWER TAKE-OFF MAKES LIGHT OF HEAVY-DUTY WORK**

The Farmall M ActiveDrive 4 adds value to your operation with features such as an electro-hydraulic power take-off (PTO) clutch, three different PTO speeds (540, 540E and 1000 rpm), and automatic PTO function. It is also possible to monitor the PTO speed on the digital indicator in real time during operation.

Automatic PTO (Auto PTO) makes it possible to engage or disengage the PTO at a predetermined hydraulic arm/lever height. This system is combined with automatic 4WD and differential lock ensuring easy row-end manoeuvres.





## A TRUE MULTI-TOOL

**EVERY SINGLE DETAIL OF THE CASE IH FARMALL M ACTIVE DRIVE 4 HAS BEEN PRECISELY DESIGNED TO MEET YOUR NEEDS.**

Comfort takes centre stage in the cab design as well, even in the toughest conditions. The Farmall M ActiveDrive 4 stands out with its unique features, such as its spacious cab with air conditioning, ergonomic control levers, air-suspension seat and sunroof.

With the air-suspension seat, jolting during heavy working conditions is minimised by adjusting the suspension to suit your personal preference.

## TECHNICAL SPECIFICATIONS

|   | FARMALL 90 M            | FARMALL 100 M           | FARMALL 110 M           |
|---|-------------------------|-------------------------|-------------------------|
| <b>ENGINE</b>   |                         |                         |                         |
| Maximum Power (HP)                                    | 88                      | 98                      | 110                     |
| No. of cylinders / Aspiration (no.)                   | 4 / Turbo / Intercooler | 4 / Turbo / Intercooler | 4 / Turbo / Intercooler |
| Displacement (cm³)                                    | 3908                    | 3908                    | 3908                    |
| Maximum torque (Nm)                                   | 356                     | 390                     | 430                     |
| Engine rpm at which max. torque is achieved (rev/min) | 1400                    | 1400                    | 1400                    |
| Fuel tank capacity (liter )                           | 145                     | 145                     | 145                     |
| Emission level  | Tier III                | Tier III                | Tier III                |
| Electronic battery isolator                           | Standard                | Standard                | Standard                |
| <b>TRANSMISSION</b>                                   |                         |                         |                         |
| Type  | Semi-Powershift         |                         |                         |
| Transmission option                                   | 16 F - 16 R             |                         |                         |
| Electro-hydraulic power shuttle lever                 | Standard                |                         |                         |
| Power shuttle sensitivity setting                     | Standard                |                         |                         |
| Creeper   | Option                  |                         |                         |
| Automatic differential lock                           | Standard                |                         |                         |
| Automatic 4WD system                                  | Standard                |                         |                         |
| <b>HYDRAULIC SYSTEM</b>                               |                         |                         |                         |
| Hydraulic draft control type                          | Electronic              |                         |                         |
| Lift capacity (kg)                                    | 5,200                   |                         |                         |
| Hydraulic power outlets (no.)                         | 6                       |                         |                         |
| Hydraulic Top Link                                    | Optional                |                         |                         |
| Fender mounted hydraulic controls                     | Standard                |                         |                         |
| <b>POWER TAKE OFF</b>                                 |                         |                         |                         |
| Control type  | Electro - hydraulic     |                         |                         |
| Auto PTO feature                                      | Standard                |                         |                         |
| Fender mounted PTO controls                           | Standard                |                         |                         |
| PTO speed options (rev/min)                           | 540 / 540E / 1000       |                         |                         |
| Engine speed @ 540 rpm PTO speed (rev/min)            | 1938                    |                         |                         |
| Engine speed @ 540E rpm PTO speed (rev/min)           | 1535                    |                         |                         |
| Engine speed @ 1000 rpm PTO speed (rev/min)           | 1926                    |                         |                         |
| <b>EQUIPMENT FEATURES</b>                             |                         |                         |                         |
| Cab with air conditioning                             | Standard                |                         |                         |
| Air suspension seat                                   | Standard                |                         |                         |
| Bluetooth radio                                       | Standard                |                         |                         |

|                              | FARMALL 90 M              | FARMALL 100 M             | FARMALL 110 M               |
|------------------------------|---------------------------|---------------------------|-----------------------------|
| <b>DIMENSIONS</b>            |                           |                           |                             |
| Wheelbase (mm)               | 2519                      |                           |                             |
| Overall length (mm)          | 4496                      |                           |                             |
| Maximum height (mm)          | 2604                      | 2631                      | 2657                        |
| Front track (mm)             | 1560 - 2002<br>(13.6 R24) | 1560 - 2002<br>(14.9 R24) | 1530 - 2032<br>(360/70 R28) |
| Rear track (mm)              | 1588 - 2136<br>(16.9 R34) | 1588 - 2090<br>(18.4 R34) | 1678 - 2090<br>(420/85 R38) |
| <b>WEIGHTS</b>               |                           |                           |                             |
| Front weight support (kg)    | 100                       | 100                       | 100                         |
| Front fit weights (no. x kg) | 6 x 45                    | 6 x 45                    | 6 x 45                      |
| Rear tyre weights (no. x kg) | 4 x 50                    | 4 x 50                    | 4 x 50                      |
| Total weight (kg)            | 4.220                     | 4.220                     | 4.220                       |
| <b>TYRES OPTIONS*</b>        |                           |                           |                             |
| Front                        | 13.6R24                   | 440/65R24                 | 440/65R24                   |
| Rear                         | 16.9R34                   | 540/65R34                 | 540/65R34                   |

\*Other tyre options available, speak to your local dealer for more information.



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