

CASE IH
AGRICULTURE

FARMALL® M ACTIVE DRIVE 4

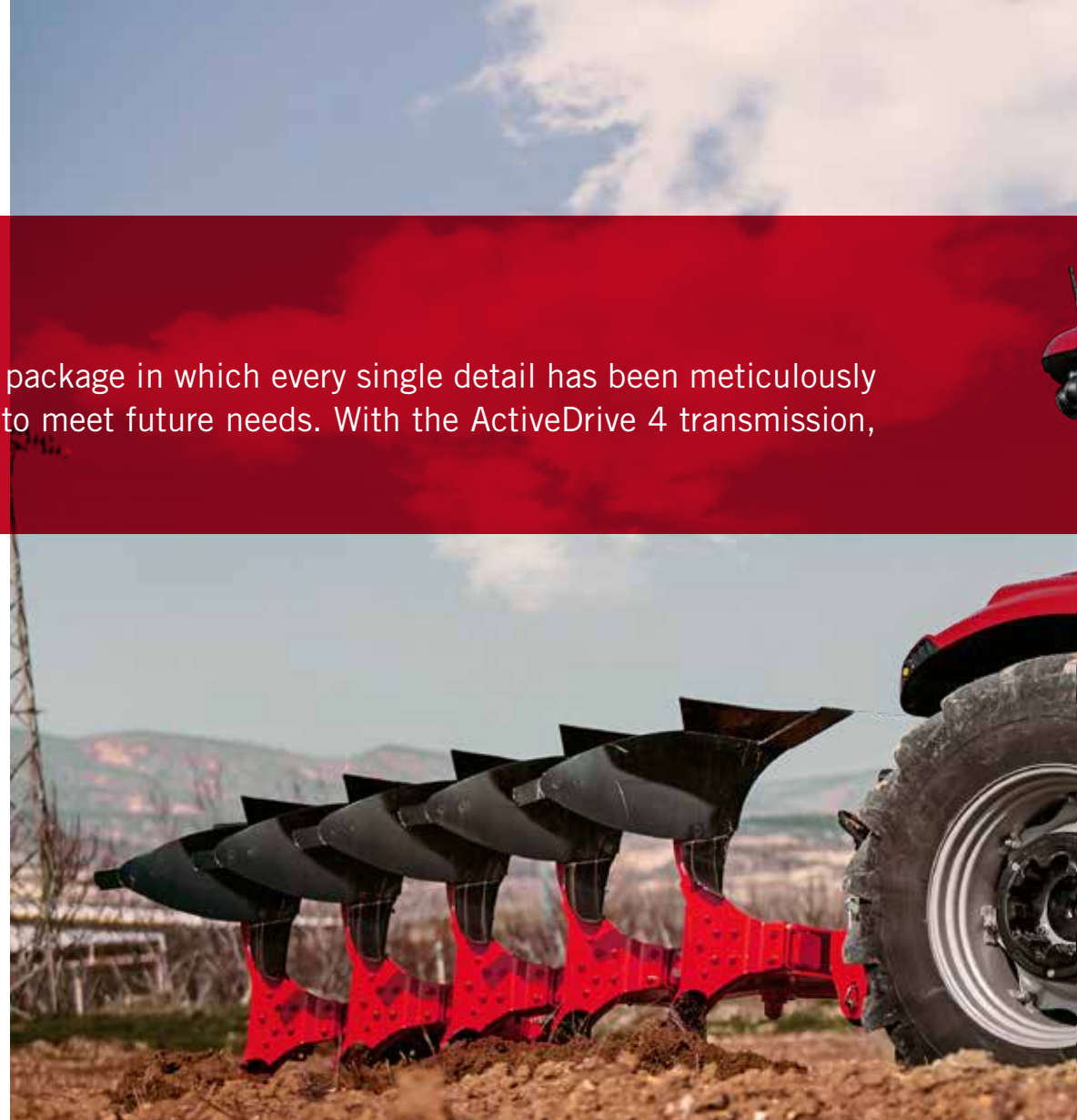
90 - 100 - 110



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 cm³ cylinder volume, Turbo-Intercooler and high torque values, the Farmall M ActiveDrive 4 is designed to combine power with efficiency.



ACTIVEDRIVE 4 TRANSMISSION

Case IH Farmall M tractors come with the ActiveDrive 4 transmission designed to deliver high levels of power and torque from engine to ground more efficiently. ActiveDrive 4 is a smooth-shifting semi-automatic transmission, increasing the productivity of all your endeavours. The ActiveDrive 4 transmission dispenses with a clutch between in-range speeds, opting instead for easy, button-operated seamless shifting, thus maximizing comfort as a result of its smooth gear shifts. with a total of



16 forward and 16 reverse gears as standard and 32 forward 32 reverse when creeper option is selected, the ActiveDrive 4 transmission covers a wide range of speeds, from 0.26 km/h to 40 km/h.

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 4 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 all models.



ELECTRO-HYDRAULIC POWER SHUTTLE AND SENSITIVITY SETTING

The system allows forward and backward repeatedly direction changes without pressing the clutch pedal. The hydraulic power shuttle system is located ergonomically on LHS of 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) controlled by an electro-hydraulic power shuttle, depending on application, operating 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, six hydraulic outlets, fender mounted hydraulic controls, and hydraulic top link 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.



POWER TAKE-OFF MAKES LIGHT OF HEAVY-DUTY WORK

The Farmall M ActiveDrive 4 comes with a wide-range of superior equipment, 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.



TAKE ON THE TOUGHEST CHALLENGES

ENJOY THE PRIVILEGE OF COMFORT

Every single detail of the Case IH Farmall M ActiveDrive 4 has been precisely designed to meet your needs. It turns heads thanks to its unique body design, in addition to its superior performance and power, making it the professionals' choice.

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, option of air suspended seat with passenger seat, sunroof, front and rear wipers, ergonomic control layout, adjustable steering column and now with mechanical cab suspension.

With the combination of suspended cab and air suspended operator seat, jolting during heavy working conditions is minimized by adjusting the suspension to suit your personal preference.



Mechanical suspended cab



TECHNICAL SPECIFICATIONS

	FARMALL 90M	FARMALL 100M	FARMALL 110M
ENGINE			
Rated power @ engine rpm [kW / HP]	65 / 88 @ 2,300	72 / 98 @ 2,300	81 / 110 @ 2,300
No. of cylinders / Aspiration (no.)	4 / Turbo / Intercooler	4 / Turbo / Intercooler	4 / Turbo / Intercooler
Displacement [cm ³]	3908	3908	3908
Maximum torque [Nm @ rpm]	356 @ 1,400	390 @ 1,400	430 @ 1,400
Fuel tank capacity [l]	145	145	145
Emission level	Tier III	Tier III	Tier III
Fan type	Viscous	Viscous	Viscous
Electronic battery isolator	Standard	Standard	Standard
TRANSMISSION			
Type	Semi-Powershift		
Standard transmission	16F - 16R		
Electro-hydraulic power shuttle lever	Standard		
Power shuttle sensitivity setting	Standard		
Creeper	Option 32F - 32R		
Automatic differential lock	Standard		
Automatic 4WD system	Standard		
Waterproof transmission	Optional		
HYDRAULIC SYSTEM			
Hydraulic rear lift control type	Electronic		
Max. lift capacity with assist rams [kg]	5.200		
Max. rear hydraulic remotes (no.)	6		
Hydraulic top link	Optional		
Hydraulic pump (standard / optional) [l/min]	Open center: 61 / Closed center: 80		
Separate steering pump (standard / optional) [l/min]	36.3		
Fender mounted hydraulic controls	Standard		
POWER TAKE OFF			
Control type	Electro - hydraulic		
Auto PTO feature	Standard		
Fender mounted PTO controls	Standard		
PTO speed options [rev/min]	540 / 100 or 540 / 540E / 1000		
Engine speed @ 540 rpm / 540E / 1000 PTO speed [rev/min]	1938 / 1535 / 1926		
Ground speed PTO	Optional		

	FARMALL 90M	FARMALL 100M	FARMALL 110M
EQUIPMENT FEATURES			
Suspended cab	Optional		
Cab with air conditioning	Standard		
Air suspension seat	Optional		
Passenger seat	Standard		
Bluetooth radio	Optional		
High visibility roof panel	Standard		
Front and rear windscreen wiper	Standard		
Reverse alarm	Optional		
Front ballast options [kg]	179 or 452		
Rear ballast options [kg]	200 or 300		
Front fenders	Optional		
Rear fenders extensions	Optional		
DIMENSIONS & WEIGHTS			
Wheelbase [m]	2519		
Overall length [mm]	4496		
Height from mid of rear axle to top of the cab [mm]	1985		
Max. width (standard fender / fender extension) [mm]	2102 / 2248		
Front track (with 360/70R28 tyres) [mm]	1530 - 2032		
Rear track (with 16.9R38 tyres) [mm]	1678 - 2090		
Total weight [kg]	4.220	4.220	4.220



⚠ SAFETY NEVER HURTS!™ 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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