

**CASE II**  
AGRICULTURE

# MAXXUM® SERIES TRACTORS

100 - 140 RATED HP



**EVERY SINGLE DAY, YOU DEMAND MORE. MORE FROM THE LAND. MORE FROM YOURSELF. MORE FROM YOUR EQUIPMENT. WHICH IS WHY WE ALSO DEMAND MORE. MORE POWERFUL ENGINES. MORE PRODUCTIVITY-BOOSTING FEATURES. MORE APPROACHABLE AND KNOWLEDGEABLE CASE IH EXPERTS. AND WE DO ALL THIS TO BETTER SERVE YOU AND THE NEEDS OF YOUR OPERATION.**

**POWERFUL, VERSATILE AND ECONOMICAL, THE MAXXUM TRACTOR IS A MULTI-PURPOSE WORKHORSE THAT OFFERS YOU MORE. MORE FLEXIBILITY, WITH A RANGE OF OPTIONS TO MEET YOUR NEEDS. MORE COMFORT AND MANEUVERABILITY SO YOU CAN KEEP MOVING. MORE HIGH-PRODUCTIVITY FEATURES TO MAXIMIZE EFFICIENCY. AND MORE SIMPLICITY FOR EASIER SERVICING.**



# FOR THOSE WHO DEMAND MORE



|  |           |
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**Fender-mounted PTO & Hitch Raise/Lower switches (Pro models)** make 3-point hookups easy – and even a single operator more productive.

**Turn Assist steering system** option accelerates turning action and minimizes steering effort and fatigue, for repetitive tasks such as loader work.

**Industry-leading suspended cab system** option reduces vibration and noise to increase operator comfort and productivity with typical row-crop tires.



**Easy serviceability.**

In addition to an industry-leading 600-hour engine oil interval, regular maintenance, fueling and engine oil checks are all within easy reach at ground level.

| Model             | Cylinders | Injection              | Value | Pro | Multicontroller |
|-------------------|-----------|------------------------|-------|-----|-----------------|
| <b>Maxxum 100</b> | 4         | <b>Mech.</b>           | ✓     |     |                 |
| <b>Maxxum 110</b> | 4         | <b>Mech./Common R.</b> | ✓     | ✓   | ✓               |
| <b>Maxxum 115</b> | 6         | <b>Mech./Common R.</b> | ✓     | ✓   | ✓               |
| <b>Maxxum 120</b> | 4         | <b>Common R.</b>       |       | ✓   | ✓               |
| <b>Maxxum 125</b> | 6         | <b>Mech./Common R.</b> | ✓     | ✓   | ✓               |
| <b>Maxxum 130</b> | 4         | <b>Common R.</b>       |       | ✓   | ✓               |
| <b>Maxxum 140</b> | 6         | <b>Common R.</b>       |       | ✓   | ✓               |

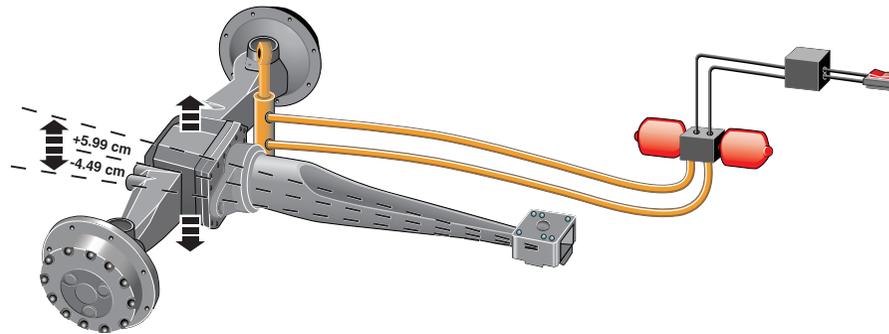
**Maximum flexibility** to fit your operation, from the economical workhorse “Value” versions to the high-end options and features on the Maxxum Pro line. Choose 2WD or MFD, Cab or ROPS to fit your needs.

# LEADING THE INDUSTRY

## MAXIMUM VERSATILITY. MULTI-PURPOSE WORKHORSE.

CASE IH ENGINEERS DESIGNED MAXXUM TRACTORS TO MEET A WIDE VARIETY OF NEEDS, ON A WIDE VARIETY OF OPERATIONS, FOR A WIDE VARIETY OF JOBS.

Throughout their history, Case IH Maxxum tractors have set the standard for flexibility, maneuverability and serviceability. Today's fifth-generation Maxxum tractors include six models, ranging from 90 to 120 PTO horsepower, available in "Value" and "Pro" configurations. Get all the industry-leading features you want – and nothing you don't – on this powerful multi-purpose machine.



▲ **Suspended front MFD axle** option provides a more comfortable ride, increased traction and enhanced fuel efficiency.



▲ **High-visibility roof window** offers exceptional view of the loader at work in the raised position.

# OPERATOR ENVIRONMENT, LIGHTING & CONTROLS

An easy-to-understand instrument panel on the dash displays critical information at-a-glance.

## OUTSTANDING ERGONOMICS. AMAZING VIEW.

DESIGNED FOR MAXIMUM OPERATOR COMFORT AND PRODUCTIVITY, THE MAXXUM'S SURROUNDVISION CAB PROVIDES PANORAMIC VIEWS AND ERGONOMICALLY-PLACED CONTROLS.

Unmatched sight lines, ergonomic controls and user-friendly features are hallmarks of the Case IH Maxxum SurroundVision cab. Engineered for comfort and productivity, this best-in-class cab features easy-to-reach controls – including an optional seat-mounted, factory-installed joystick for ergonomic loader operation.



▲ **Industry-leading maneuverability with the Turn Assist option.** Normally, turning the front wheels from one side to the other requires four turns. With Turn Assist, simply push the inside ring, and full left or right turns can be made by turning the steering wheel just 10 degrees left or right, reducing operator effort and increasing productivity.

◀ **Maxxum Pro cab** offers a deluxe, air-ride seat – a heated seat is optional – with adjustable armrests to put you in easy reach of the ergonomically located controls. A tilt and telescoping steering column adjusts to each operator, while a best-in-cab lighting package lets you stay in the field until the job is done.



**Case IH cab sets the standard.** The SurroundVision cab is big, comfortable and quiet with a 70 dba sound level, plenty of legroom, air conditioning and dual, wide-opening doors.

**High-visibility roof panel** – for a clear view of the loader at work – is option on Maxxum cab models. On the Maxxum Pro cab, the roof panel opens for ventilated comfort.

**Industry-leading suspended cab option** reduces vibration and noise, and provides an ultra-smooth ride for long days in the field.

**More options.** Choose from a standard foldable ROPS or SurroundVision cab. There are also deluxe cab options to meet your needs, like heated seat and auto temperature control.



## FOR WHO DEMAND MORE: MULTICONTROLLER VERSION.



▲ The Multicontroller III puts speed and control at your fingertips.

▼ Three-speed PTO incorporates progressive PTO control as standard.



- MULTICONTROLLER III - POWERSHIFT AND POWERSHUTTLE AT THE TOUCH OF A BUTTON
- AUTOSHIFTING SEMI POWERSHIFT TRANSMISSIONS
- 50 KPH OR 40 KPH
- CREEPER SPEEDS
- HIGH PERFORMANCE PTO

The Maxxum Multicontroller provides you with the level of automation you need to step your operation up a gear. There is a choice of transmissions for the range of work you specialise in. Whatever your needs, the transmission technology is designed to give you higher operating speeds and greater ease of operation.

Step up a gear with Powershift and Powershuttle. The Powershift control is integrated into the Multicontroller III on the right-hand armrest to provide you with smooth, effortless gear changes. The Powershuttle is also at your finger tips on the Multicontroller III as a button, or as a lever on the steering column providing smooth handling for loader work and at the headland.

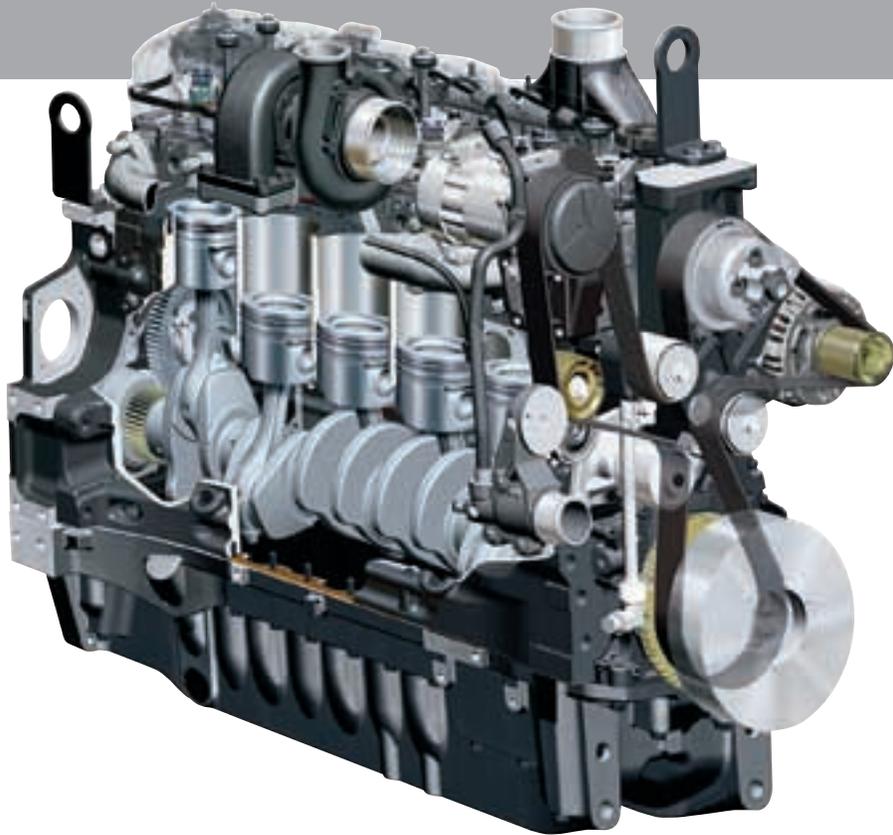
Always in the right mode. The highly advanced 16 x 16 transmission features Auto-field and Auto-road modes to automatically shift up and down the gears to maximise output. Maximising ease of operation still further, you do not need to use the clutch to move off from a standing start.

50 kph or 40 kph. All Maxxum Multicontroller tractors are available with a 17th gear to let you travel effortlessly along roads at up to 50 kph, or at up to 40 kph at reduced engine rpm. The 40 kph transmission is designed for heavy-duty road haulage operations, helping to ensure the lowest possible fuel consumption. Creep speeds are also available with speeds as low as 225 m/h (with 16x16 transmission) at rated engine speed.

High performance PTO. 540/540E/1000 rpm speeds are standard for the rear PTO on Maxxum 140, which is integrated into the tractor's automation systems and features progressive starting for high inertia equipment.

Automatic engagement/disengagement is controlled by the movements of the hitch. External fender-mounted PTO control buttons for improved operator convenience are standard.





## PROVEN PERFORMANCE. CUSTOMIZED OPTIONS.

MAXXUM TRACTORS PROVIDE ALL THE POWER YOU NEED, THE FUEL ECONOMY YOU WANT, AND THE OPTIONS YOU DEMAND.

Get the engine you want with the features you prefer – from the simple, reliable, mechanical rotary fuel injection system in the Maxxum Value models to the high-efficiency electronic direct injection common rail fuel system in the Maxxum Pro models. Case IH also has several transmission options available to meet the specific demands of your operation, whether you need simplicity, maximum field working gears, transport fuel economy or versatility.

**Take your pick of transmissions.** Choose from the standard 12x12, 24x24 or 16x16 transmission options on Maxxum Value models, or the standard 16x16 semi-powershift transmission with Autoshift on Maxxum Pro models. Also available on Maxxum Pro: an optional 17x16 Semi-Power Shift Econo transmission with Autoshift. The 17th gear provides lower engine RPMs at top road speeds for improved fuel economy and quieter operation during transport.

**Maxxum Value models** (110, 115, 125)

- 12x12 Synchro
- 24x24 Synchro with two-speed Hi/Lo powershift
- 16x16 Semi-powershift with Autoshift
- Creeper option for low-speed applications are available on all models.

**Maxxum Pro models** (110, 120, 125, 130, 140)

- 16x16 Semi-powershift with Autoshift
- 17x16 Semi-powershift Econo with Autoshift
- Creeper option available on 16x16

**Fuel efficiency and proven reliability**

are hallmarks of the proven, Tier III engine in Case IH Maxxum Value models. This mechanical 2-valve per cylinder engine includes minimal electronics, for no nonsense control and horsepower without the frills. Easy to maintain and service, this workhorse will prove itself for years in the field.

**Maxxum Pro models feature a Tier III, 4-valve per cylinder common rail electronic engine** that generates more power and provides a faster response, improved fuel economy and quieter operation.



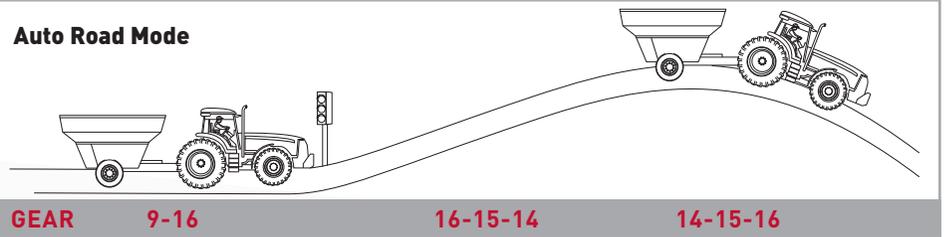
# ENGINE & TRANSMISSION

**Constant Engine RPM** feature maintains engine speed within a desired constant range, ideal for PTO-driven implements.

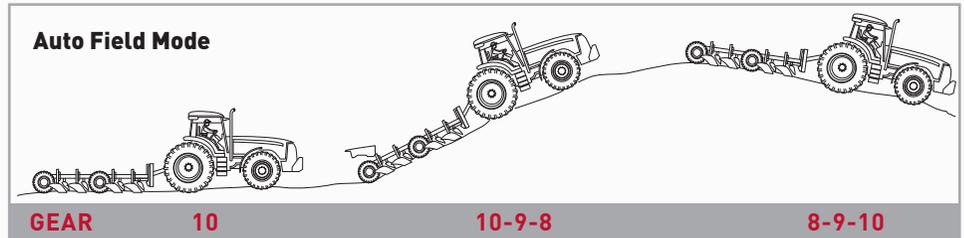
**Autoshift option for road and field gears** on Maxxum Pro models provides automatic shifting based on load. Auto Field mode maintains engine speed by up-shifting or down-shifting as the load changes – through hills and tough field conditions – ensuring peak fuel efficiency. The Auto Road mode offers the convenience of Autoshift at transport speeds.

## AUTOSHIFT

### Auto Road Mode



### Auto Field Mode



**PTO power boost of up to 25 hp is available** on Maxxum Pro models, to maintain PTO power when you need it and pull you through the rough spots. This extra burst of power helps you tackle heavy hay conditions or steep grades during transport without losing speed or productivity.

# HITCH, HYDRAULICS & PTO

## POWERFUL HYDRAULICS. PLENTY OF CHOICES.

MAXXUM TRACTOR HYDRAULICS, HITCH AND PTO SYSTEM PROVIDE POWER, VERSATILITY AND CONVENIENT OPERATION.

Two pumps are better than one when you need to perform steering and hydraulic functions at the same time – without sacrificing performance. And flexibility is better when it comes to 3-point hitch capacity. Choose from standard 2243 kg to 3763 kg maximum lift capacity follow OECD test reports (Mast height, 610 mm) with mechanical draft control and on Maxxum Pro Models: 4181 kg to 5286 kg with electronic draft control (OECD test reports).



▲ **Two dedicated pumps** – one with 40 lpm for steering and lubrication, and one with up to 113 l/min with CCLS pump for hitch and remote valves - provide reliable productivity and a maximum of 153 l/min total tractor flow.

**Fast raise/lower hitch switches** located on both rear fenders are standard on Maxxum Pro models.

**Standard PTO power boost** on Maxxum Pro models allows you to maintain rated PTO horsepower even under load, with an extra boost of up to 35 hp when you need it.

**Automatic End-of-Row Function** available on all Maxxum Pro models provides one-button control of the 3-point hitch, transmission gear selection, engine speed and hydraulic remote valves during headland turns.

**Soft Start PTO feature** with automatic feathering for smooth engagement is standard on all models.

**Auto PTO Management System**, optional on Maxxum Pro models, turns the PTO on or off based on a chosen position of the 3-point hitch, giving you one less thing to worry about.

**Several 3-point hitch capacity options allow for handling heavy implements.** All Maxxum models feature lower link draft sensing to keep the load stable on the hitch, adjustable turnbuckles, telescoping stabilizers to control sway, and flexible link ends for quicker connections and easier implement changes.





# SPECIFICATIONS

| SPECIFICATIONS                        | MAXXUM 110                        | MAXXUM 110 PRO                          | MAXXUM 115                        | MAXXUM 120 PRO                          | MAXXUM 125                        | MAXXUM 125 PRO                          | MAXXUM 130 PRO                          | MAXXUM 140 PRO                          |
|---------------------------------------|-----------------------------------|---|-----------------------------------|---|-----------------------------------|---|---|---|
| <b>ENGINE</b>                         |                                   |   |                                   |   |                                   |   |   |   |
| Rated power Hp (ECE R120)             | 110                               | 110                                     | 115                               | 120                                     | 125                               | 125                                     | 130                                     | 139                                     |
| Rated Full Load                       | 2200 rpm                          | 2200 rpm                                | 2200 rpm                          | 2200 rpm                                | 2200 rpm                          | 2200 rpm                                | 2200 rpm                                | 2200 rpm                                |
| Cylinder/displacement                 | 4/4.5 L                           | 4/4.5 L                                 | 6/6.75 L                          | 4/4.5 L                                 | 6/6.75 L                          | 6/6.75 L                                | 4/4.5 L                                 | 6/6.75 L                                |
| Number of valves                      | 8                                 | 16                                      | 12                                | 16                                      | 12                                | 24                                      | 16                                      | 24                                      |
| Aspiration                            | Turbocharged/<br>Aftercooled      | Turbocharged/<br>Aftercooled            | Turbocharged/<br>Aftercooled      | Turbocharged/<br>Aftercooled            | Turbocharged/<br>Aftercooled      | Turbocharged/<br>Aftercooled            | Turbocharged/<br>Aftercooled            | Turbocharged/<br>Aftercooled            |
| Fuel Injection                        | Direct w/<br>Mechanical Governor  | Electronic High Pressure<br>Common Rail | Mechanical                        | Electronic High Pressure<br>Common Rail | Mechanical                        | Electronic High Pressure<br>Common Rail | Electronic High Pressure<br>Common Rail | Electronic High Pressure<br>Common Rail |
| Fuel tank capacity                    | 176 L                             | 176 L                                   | 250 L                             | 176 L                                   | 250 L                             | 250 L                                   | 176 L                                   | 250 L                                   |
| <b>ELECTRICAL</b>                     |                                   |   |                                   |   |                                   |   |   |   |
| Alternator                            | 120 Amp                           | 120 Amp                                 | 120 Amp                           | 120 Amp                                 | 120 Amp                           | 120 Amp                                 | 120 Amp                                 | 120 Amp                                 |
| Battery capacity                      | 960 CCA                           | 960 CCA                                 | 960 CCA                           | 960 CCA                                 | 960 CCA                           | 960 CCA                                 | 960 CCA                                 | 960 CCA                                 |
| <b>TRANSMISSION</b>                   |                                   |   |                                   |   |                                   |   |   |   |
| Standard                              | 12F/12R Synchro                   | 16F/16R Semi<br>Powershift              | 12F/12R Synchro                   | 16F/16R Semi<br>Powershift              | 12F/12R Synchro                   | 16F/16R Semi<br>Powershift              | 16F/16R Semi<br>Powershift              | 16F/16R Semi<br>Powershift              |
| Optional                              | 24F/24R with<br>Hi/Lo Powershift  | 17F16R Semi<br>Powershift*              | 24F/24R with<br>Hi/Lo Powershift  | 17F16R Semi<br>Powershift*              | 24F/24R with<br>Hi/Lo Powershift  | 17F16R Semi<br>Powershift*              | 17F16R Semi<br>Powershift*              | 17F16R Semi<br>Powershift*              |
|                                       | 16F/16R Semi<br>Powershift        | —                                       | 16F/16R Semi<br>Powershift        | —                                       | 16F/16R Semi<br>Powershift        | —                                       | —                                       | —                                       |
| Creeper Transmission Options          | 24x24/48x48/32x32                 | 32x32                                   | 24x24/48x48/32x32                 | 32x32                                   | 24x24/48x48/32x32                 | 32x32                                   | 32x32                                   | 32x32                                   |
| PTO                                   | 540/1000                          | 540/1000                                | 540/1000                          | 540/1000                                | 540/1000                          | 540/1000                                | 540/1000                                | 540/1000                                |
| <b>HYDRAULICS</b>                     |                                   |   |                                   |   |                                   |   |   |   |
| Hydraulic Type                        | Fixed Displacement                | PFC                                     | Fixed Displacement                | PFC                                     | Fixed Displacement                | PFC                                     | PFC                                     | PFC                                     |
| Rear Remotes – Std. / Opt.            | 2/3 Open Center                   | 2/3/4 Closed Center                     | 2/3 Open Center                   | 2/3/4 Closed Center                     | 2/3 Open Center                   | 2/3/4 Closed Center                     | 2/3/4 Closed Center                     | 2/3/4 Closed Center                     |
| Standard Steering and Service Pump    | 40 lpm                            | 40 lpm                                  | 40 lpm                            | 40 lpm                                  | 40 lpm                            | 40 lpm                                  | 40 lpm                                  | 40 lpm                                  |
| Implement Pump                        | 63 lpm                            | 113 lpm                                 | 63 lpm                            | 113 lpm                                 | 63 lpm                            | 113 lpm                                 | 113 lpm                                 | 113 lpm                                 |
| Total Tractor Flow                    | 103 lpm                           | 153 lpm                                 | 103 lpm                           | 153 lpm                                 | 103 lpm                           | 153 lpm                                 | 153 lpm                                 | 153 lpm                                 |
| 3-Point Hitch Category                | Cat II                            | Cat II/IIIN                             | Cat II                            | Cat II/IIIN                             | Cat II                            | Cat II/IIIN                             | Cat II/IIIN                             | Cat II/IIIN                             |
| Sensing Type                          | Mechanical<br>Draft Control (MDC) | Electronic<br>Draft Control (EDC)       | Mechanical<br>Draft Control (MDC) | Electronic<br>Draft Control (EDC)       | Mechanical<br>Draft Control (MDC) | Electronic<br>Draft Control (EDC)       | Electronic<br>Draft Control (EDC)       | Electronic<br>Draft Control (EDC)       |
| Standard Hitch Lift Capacity          | 3345 kg (OECD Test)               | 4181 kg                                 | 3345 kg (OECD Test)               | 4181 kg                                 | 3345 kg (OECD Test)               | 4181 kg                                 | 4181 kg                                 | 4181 kg                                 |
| Optional Lift Capacity                | 3763 kg                           | 5286 kg                                 | 3763 kg                           | 5286 kg                                 | 3763 kg                           | 5286 kg                                 | 5286 kg                                 | 5286 kg                                 |
| <b>SHIPPING WEIGHT/DIMENSIONS</b>     |                                   |   |                                   |   |                                   |   |   |   |
| Estimated Weight – ROPS 2WD           | 4174 kg                           | —                                       | 4294 kg                           | —                                       | 4294 kg                           | —                                       | —                                       | —                                       |
| – ROPS MFD                            | 4340 kg                           | —                                       | 4460 kg                           | —                                       | 4460 kg                           | —                                       | —                                       | —                                       |
| – Cab 2WD                             | 4573 kg                           | —                                       | 4694 kg                           | —                                       | 4694 kg                           | —                                       | —                                       | —                                       |
| – Cab MFD                             | 4740 kg                           | 4820 kg                                 | 4860 kg                           | 4820 kg                                 | 4860 kg                           | 4940 kg                                 | 4820 kg                                 | 4950 kg                                 |
| Height to Top of ROPS (Up Position)** | 2898 mm**                         | —                                       | 2898 mm**                         | —                                       | 2898 mm**                         | —                                       | —                                       | —                                       |
| Height to Top of Cab**                | 2819 mm**                         | 2898 mm**                               | 2819 mm**                         | 2898 mm**                               | 2819 mm**                         | 2898 mm**                               | 2898 mm**                               | 2898 mm**                               |
| Wheelbase – 2WD                       | 2370 mm                           | —                                       | 2652 mm                           | —                                       | 2652 mm                           | —                                       | —                                       | —                                       |
| – 4WD                                 | 2412 mm                           | 2412 mm                                 | 2661 mm                           | 2412 mm                                 | 2661 mm                           | 2661 mm                                 | 2412 mm                                 | 2661 mm                                 |

\* 17th gear with reduced engine speed for improved fuel economy during transport.

\*\* With 18.4R34 Tires. Suspended Cab adds 66 mm.

**CASE IH: FOR THOSE WHO DEMAND MORE**

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**SAFETY NEVER HURTS!**™ Always read the Operator's Manual before operating 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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