

CASEI

RB465

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SERIES TRACTORS

CASEI





MAXXUM SERIES TRACTORS

5 Models | 116–145 HP | 95–125 PTO HP

THE TRACTOR VERSION OF YOU: A HARD-WORKING, VERSATILE MACHINE.



Case IH Maxxum[®] and Maxxum MultiController series tractors combine efficient power with operator convenience. Powered by FPT engines with proven SCR-only Tier 4 B/Final technology, these tractors deliver increased productivity, performance, and fuel efficiency. Comfortable and intuitive, the Maxxum cab environment provides you the premium features of a high-horsepower tractor in a utility tractor package. Plus, the optional CVT transmission package easily handles the stops and starts of livestock operations and the forward/reverse repetitions of loader work. Available in a 2WD or MFD configuration, there's a Maxxum tractor just right for your operation. Maxxum series tractors – the multi-purpose workhorse.

MAXXUM SERIES TRACTORS

Maxxum Family of Tractors
Intuitive Innovation
Operator Environment
Engine & Tier 4 B/Final Technology 10–11
Loaders & Attachments
Maximum Uptime
Specifications 14 – 15

THERE'S A MAXXUM MODEL FOR YOU.

Nothing beats Case IH Maxxum tractors for flexibility, maneuverability, and serviceability. It's the ideal tractor for any size mixed farming operation or ranch, for loader applications, mowing, or haymaking. Get all the industry-leading features you want – and nothing you don't – on this powerful, multi-purpose machine.



DESIGNED FOR VERSATILITY.

Maxxum series tractors are designed to handle multiple tasks. They are perfect for:

- Any size farm or ranch
- Loader applications
- Haymaking
- Mowing
- Mixed farming operations with crops and livestock

PICK YOUR CONFIGURATION.

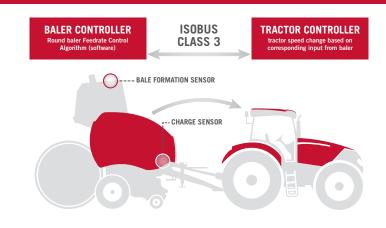
The variety of Maxxum series models makes it easy to choose the tractor that's best for your needs. First, pick your power from the five available models ranging from 95 – 125 PTO HP. Then decide if you need a 2WD or a MFD model, and if your applications demand the MultiController version. Whichever you choose, you'll get performance, productivity, and long, reliable service life.

PRECISION FARMING INTEGRATION.

Factory-installed AFS components, including AFS AccuGuide[™] autoguidance, offer dependability and convenience. You benefit from the added capability of using the AFS Pro 700 display with third-party implements. Autoguidance and other precision technologies simplify your work. Getting that technology on your tractor is just as easy.







PRO 700 DISPLAY

With the AFS Pro 700 display, you benefit from added capabilities with minimal complexity. A single display provides control functionality and simple integration for not only the tractor AccuGuide[™], but Case IH LB4 series and RB5 series balers, Early Riser[®] planters, Precision Disk[™] drills, and ISOBUS compliant implements, just to name a few. Your one stop shop for total machine and implement control is the AFS Pro 700 display.

ISOBUS

ISOBUS technology is an industry standard, creating a compatible communication interface between a tractor and implement via display software, regardless of manufacturer and configuration of the tractor or implement. ISOBUS capabilities range from allowing the operator to view and control the implement to the implement controlling the tractor's speed. Both the tractor and implement(s) must be fit with the appropriate level of ISOBUS technology for this communication to occur.

ISOBUS Class 2 allows you to view and control these functions via display:

- Bale size & shape
- Density control (when applicable)
- Tailgate open/close confirmation

ISOBUS Class 3 allows for implement automation through tractor and display, as well as implement control of certain tractor functions, such as speed. This technology is now available for RB5 series round balers and LB4 series large square balers.

- Automated baling cycle
- Tractor stop
- Net wrap
- Tailgate raise/lower



INNOVATIONS FOR YOUR OPERATION.

Using a process called Customer Driven Product Design (CDPD), Case IH engineers work with producers in the field to build better tools and technologies that deliver meaningful, easy to use performance advantages. That's where the innovations in the Maxxum series tractors come from.



HOOD DESIGN.

The narrow, sloping hood is closely formed around the engine for excellent visibility of front-mounted implements. Sculpted side panels improve turning capabilities for maneuverability at narrow tread settings when working in rows, and in wider tread settings when working with a loader.

BETTER VISIBILITY.

The Maxxum SurroundVision cab offers unobstructed vision in all directions, including a high-visibility roof panel with optional opening window. The roofline extends beyond the glass to provide extra shade from the sun, and optional rear glass tint on suspended cabs helps reduce glare.

FRONT 3-POINT HITCH AND PTO OPTIONS.

Maxxum tractors can be equipped with a front 3-point hitch and front PTO. The front 3-point hitch can be folded into a storage position when not in use. These options add versatility that make the Maxxum tractor ready for any job or application.

CVT TRANSMISSION OPTION.

Go from 0 to 32 mph smoothly and without torque interruption with the Continuously Variable Transmission (CVT) technology available on the Maxxum CVT models. The Active Stop feature provides a powered neutral which prevents tractor movement, even with fully loaded trailers on steep slopes. The double clutch technology allows you to shift working ranges seamlessly, optimizing transmission performance to deliver a smooth ride and high fuel efficiency in all field conditions and applications.

OPERATOR COMFORT TO MAXIMIZE PRODUCTIVITY.

The Maxxum operator environment is designed for comfort and ease of use to make every day as productive as possible – even when it starts before sunrise or stretches past sunset.



CAB SUSPENSION.

The optional Maxxum cab suspension package offers superior operator comfort both on the road and in the field by reducing the shock loads to the operator. This continuously active, adjustable system offers five settings and a full four inches of cab travel.



SEAT OPTIONS.

Choose from four seat options, all designed for maximum comfort.

- The Standard Comfort package features low-frequency air suspension seat with a fabric cover and manual armrest adjustment.
- The Deluxe Fabric or Leather Comfort package features a low-frequency suspension and dynamic dampening system with automatic shock absorbers. The seat is heated and passively ventilated, and the backrest extension swivels with the operator.
- The Active Leather Comfort package combines active suspension, a dynamic dampening system, and active air pressure to make adjustments automatically for in-field or roading. The seat holds the driver in a neutral position even in rough terrain. It features active ventilation and heat, and has automatic weight adjustment, making for a more comfortable ride.

MULTICONTROL ARMREST.

All Maxxum MultiController and CVT models feature the innovative functionality and easy operation of the MultiControl Armrest, the same advanced technology found on Case IH Puma®, Optum™, Magnum™, and Steiger® tractors. The MultiFunction Handle places 85-90% of the controls operators use most in one hand, allowing the operator to stay focused on the task while reducing fatigue and stress.

CVT SPLIT-THROTTLE CONTROL.

Maxxum CVT models feature an exclusive split-throttle design that allows the operator to select working speed or RPMs. The CVT automatically selects the most efficient transmission range for the desired speed or load, eliminating the need for manual clutching or shifting.

The simplicity of Case IH CVT technology makes it ideal for less experienced operators to maintain peak efficiency in all field conditions and applications.



- A Instructional Seat: Ideal when training new operators or the seatback folds down to provide a work surface.
- B Single-Piece Molded Floor: Easy-to-clean floor covering reduces noise and vibration. Optional factory-equipped carpet shown.
- Tilt and Telescopic Steering Column: Adjustable to suit any size operator.
- Storage Compartments: Standard front storage box is semi-refrigerated by the console vent.
- **Foot Throttle:** Standard equipment.

- MultiFunction Handle (MultiController and CVT Models): Simplifies operation by placing 85-90% of the controls operators use most in one hand.
- Right-Hand Door: Fully opening and operational. Standard on all models.
- Optional AFS Pro 700 (MultiController and CVT Models): Fully integrated control center for performance monitoring, machine & implement control, guidance, yield monitoring and application and rate control.
- Optional Electronic Joystick (MultiController and CVT Models): Operates loader, front or rear remotes, configuration dependent.

- MultiControl Armrest (MultiController and CVT Models): Provides access to all tractor controls and moves with the seat.
 - Additional Features Not Shown:

High Visibility Roof Window/Panel: Adds 4.5 square feet of upward visibility – ideal for loader operation.

HVAC Control Panel: Backlit panel provides nighttime visibility.

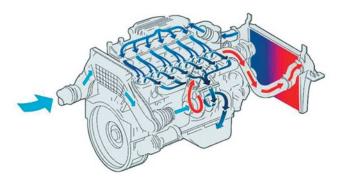
Radio Antenna Amplifier: Built into the roof cap for improved reception and protection against detachment.

POWER THAT DRIVES YOUR BOTTOM LINE.

Case IH has collaborated with Fiat Powertrain Technologies (FPT), a global leader in engine technology, to develop world-class design innovations featured in all Maxxum series tractors. This partnership has produced engines that possess unbeatable power, fuel economy, reliability and service life.

PERFORMANCE DETAILS THAT MAKE THE DIFFERENCE.

Inlet and exhaust manifolds are positioned on opposite sides of the Maxxum cross-flow cylinder head, allowing the use of large inlet and exhaust ports for optimum air/ fuel mixing and combustion.



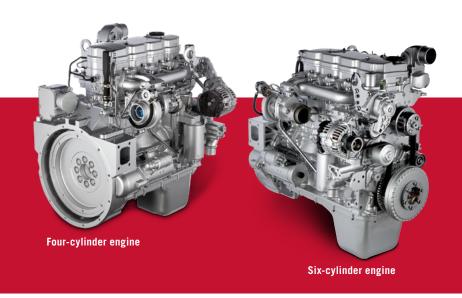
A BOOST WHEN YOU NEED IT.

Power boost of up to 24 horsepower on the four-cylinder models and up to 17 on the six-cylinder model is standard on all Maxxum tractors, providing additional power during transport and PTO applications. CASEI

GET MORE POWER, BETTER FUEL ECONOMY AND MORE FLEXIBILITY IN FUEL CHOICE.

The SCR-only after-treatment system converts nitrogen oxides into nitrogen and water. The change is triggered by a non-toxic mixture called Diesel Exhaust Fluid (DEF). SCR maximizes horsepower because the system is separate from the engine. This design leads to better fuel economy and improved engine durability, while giving you more flexibility to choose among diesel fuel varieties and grades. Your bottom line: on average, up to 10% lower total operating costs when compared to the Tier 3 emissions Maxxum models.





BIG TANKS FOR LONG DAYS.

There are three fuel tank options available on all Maxxum series tractors. Choose between the standard tank with a 51.5-gallon (195 L) capacity, the standard plus auxiliary tank with an additional 6.6-gallon (25 L) capacity and the Max Capacity tank with a 60.8-gallon (230 L) capacity. The wide filler opening allows easy refilling from ground level, with no spilling of fuel. A water in fuel sensor and tank guard are standard equipment on all Maxxum models.

HIGH-PRESSURE COMMON RAIL FUEL SYSTEM.

All Maxxum engines feature a high-pressure common rail fuel system to provide optimum engine performance throughout speed and load range. That provides benefits like more power, faster throttle response, better fuel economy, less noise, and lower exhaust emissions due to more efficient and more complete fuel combustion.

LOADER-READY FOR EVERY TASK.

Maxxum tractors are available loader-ready from the factory and designed to operate as a system using the Case IH L755 premium loader. Choose from a wide range of buckets and tools to turn your Maxxum into a versatile workhorse.



THE RIGHT TOOL FOR THE JOB.

The Case IH Maxxum series offers more than 70 tools and attachments, including:

- Heavy-duty and high-volume buckets
- Forks
- Grapples
- Bale spikes
- Grips
- Cutters

ONE LOADER, HIGHEST STANDARDS.

The L755 meets the needs of the full Maxxum MFD range of tractors. Featuring fast, easy mounting and rugged, durable construction. The L755 loader can be equipped with the optional mechanical self-leveling feature.

L755 Quick Specs:*

- Lift Capacity to Max Height at pivot pins: 4,872 lbs. (2210 kg)
- Boom Breakout Force at pivot pins: 5,820 lbs. (2640 kg)
- Raise Time to Full Height (No load): 5.1 seconds

QUICK-LOCK SYSTEM.

The spring-loaded design keeps pins with the loader-no loose pins or parts to go missing when attaching the loader. Plus, built-in safety mechanisms maximize simplicity and dependability.

SPEND MORE TIME WORKING WITH YOUR TRACTOR, NOT ON IT.

Workdays are too short to spend more time than you have to tending to your equipment. Getting the most out of your tractor means spending your time getting the job done. So Maxxum tractors are designed for the long hours you put in, offering more uptime and higher productivity. Long story short, you get long days, long service intervals, long service life.



GET ROLLING QUICKER EVERY DAY.

Maxxum series tractors are designed to make maintenance quick and easy by offering excellent service access. There's no need to remove the service side shields for routine maintenance. You can check the oil without even raising the hood.

IT'S ALL WITHIN REACH.

In the spirit of keeping things simple, radiators and coolers fold out for convenient access. That means the cleaning process is quick and easy.

GO LONGER BETWEEN OIL CHANGES.

Smart engine design offers more than power and economy–it also provides longer service intervals. Maxxum tractor engine oil and filter change intervals are both 600 hours. The oil filter is easily replaced from the right side of the tractor.

A LOW-MAINTENANCE FUEL SYSTEM.

Maxxum tractors feature a premium fuel filtration system as well as a standard water sensor that prevents damage to the fuel system. Like the oil change, the fuel filter change service interval is 600 hours, so it's easy and convenient to schedule. It adds up to maximum fuel system protection for increased reliability and long component life.

MODEL	MAXXUM 115	MAXXUM 125	MAXXUM 135	MAXXUM 145	MAXXUM 150	
POWER						
Туре		Tier 4 E	/Final with Selective Catalytic Reductio	on (SCR)		
Engine HP at Rated 2,200 RPM ISO per ECE R120 (CV)	116 125 135 145					
Maximum Engine HP at 1,900 RPM ISO per ECE R120 (CV)	125	135	145	155	158	
Engine Power Boost*	20		24	20	17	
Engine Maximum Boosted HP - ISO per ECE R120 (CV)	145	155	169		175	
PTO HP at Rated 2,100 RPM** per SAE	95	105	110	120	125	
Cylinders / Displacement			4.5 L (273 cu in.)		FPT 6 Cylinder / 6.7 L (409 ci	
Number of Valves			16		24	
Aspiration			Cross-flow aspiration/Turbocharged			
ELECTRICAL						
Alternator (Standard/Optional)			120 amps / 150 amps & 200 amps			
Battery (Standard / Optional)			12 volt - 800 CCA/1,300 CCA			
TRANSMISSION/PTO						
Standard 2WD			16 $ imes$ 16 19 mph (30 kph) semi powershif	it.		
Standard MFD			16 imes 16 25 mph (40 kph) semi powershif			
MFD Option 1			16 25 mph (40 kph) economy semi powe			
MFD Option 2			17×16 30 mph (50 kph) semi powershif			
Creeper Speeds @ Rated Engine RPM			num target speed - 528 feet (161 m) per			
PTO			540/1000 rpm 1.375 in. reversible shaf			
AXLES				•		
Standard Rear Axle			Flange			
Bar Axle Diameter/Optional	3.625 in. (92 mm)					
Rear Axle Lengths / Optional	98 in. (2489 mm)					
Front Axle 2WD (Standard)			Class 3 non-suspended standard-duty			
Front Axle MFD (Standard / Optional)		Class 3 non-susr	ended / Class 3 suspended, class 4, or c			
MFD Tread Adjustability/Rear Axle Min. Track Setting	61.4 in - 88.8 in. (1560 - 2256 mm) / 60.2 in. (1530 mm)					
Wheelbase 2WD / MFD			4 in. (2651 mm) / 104.0 in (2,642 mm)			
HYDRAULICS/HITCH						
System Type (Standard / Optional)		Fixed displac	ement pump (FD)/pressure flow compe	nsating (PFC)		
Remotes (Standard/Optional)	2 mechanical/3 or 4 mechanical					
Max Flow Available @ One Remote (L/min.)	19.8 gpm (75 L/min.)					
Main Implement FD Pump Max Flow Capacity	21.1 gpm (80 L/min.)					
Steering / Secondary Pump Capacity	12.4 gpm (47 L/min.)					
Standard Tractor Hydraulic Total Flow Capacity	33.5 gpm (127 L/min.)					
3-point Hitch Category (Standard / Optional)	Cat II/Cat II-IIIN					
Hitch Lift Capacity (FD Pump) Std. (80mm)/Opt. (90mm)	6,700 lbs. (3 030 kg) / 6,900 lbs. (3 130 kg)					
Optional Mid-Mount Valve	2 or 3 function					
CAPACITIES						
Fuel Tank - Standard/Auxiliary/Max Capacity		51.5	gal. (195 L)/6.6 gal. (25 L)/60.8 gal. (2	230 L)		
Diesel Exhaust Fluid (DEF) Tank	10.3 gal. (30.5 L)					
Engine Oil with Filter	16 U.S. qt. (15 L)					
lydraulic Fluid	19.5 U.S. gal. (75 L)					
CAB						
Cab Suspension			Optional			
Glass Area - Including Standard Hi-Vis Roof	63.2 sq. ft. (5.9 m ²)					
WEIGHT						
verage Standard Weight*** Ib. (kg) w/ Standard Front 2WD Axle		10,825 lbs. (4 910 kg)		12,004 lbs. (5445 kg)	12,280 lbs. (5 570 kg)	
Average Standard Weight ^{***} Ib. (kg) w/ Standard Front MFD Axle		11,376 lbs. (5676 kg)		12,555 lbs. (5695 kg)	12,831 lbs. (5820 kg)	

*Power boost available during mobile PTO/hydraulics/transport operation. **2,200 rpm for road transport and hydraulic work, limited @ 2,100 rpm for PTO and low range transport. ***Average Standard Weight is based on the standard tractor, w/18.4R38 less front weight bracket, without operator and minimum fuel.

PTO 540/1000 rpm 1.375 in. reversible shaft AXLES Standard Rear Axle Bar Axle Diameter / Optional 3.625 in. (92 mm) Rear Axle Lengths / Optional 98 in. (2489 mm) Front Axle MFD (Standard / Optional) Class 3 non-suspended / Class 3 suspended, class 4, or class 4 st, or class 6 fl.4 in – 88.8 in. (1560 – 2256 mm) / 60.2 in. (1530 mm) Wheelbase 104.0 in. (2642 mm) HYDRAULICS/HITCH 104.0 in. (2642 mm) System Type (Base / Optional) Pressure flow compensating (PFC) Electronic Rear Remotes (Standard / Optional) 3/4 Mechanical Rear Remotes 3 or 4 optional on CVT models only	1 155 20 1 120 '17 × 16 30 mph (50 kph) semi	145 158 17 175 FPT 6 Cylinder / 6.7 L (409 cu in.) 24 powershift N/A N/A				
Engine HP at Rated 2,200 RPM ISO per ECE R120 (CV) 116 125 135 145 Maximum Engine HP at 1,900 RPM ISO per ECE R120 (CV) 125 135 145 125 Engine Maximum Boosted Hp - ISO per ECE R120 (CV) 145 155 169 10 PTO HP at Rated 2,100 RPM '' per SAE 95 105 110 C Cylinders/Displacement FPT 4 Cylinder/4.5 L (273 cu in.) Number of Valves 16 Aspiration Cross-flow aspiration/Turbocharged E E ELECTRICAL 120 amps/150 amps & 200 amps 8 176 Ah 1300 EN CCA TRANSUISSION/PTO 16 × 16 25 mph (40 kph) semi powershift / 17 × 16 25 mph (40 kph) economy semi powershift / 17 × 16 25 mph (40 kph) economy semi powershift / 17 × 16 25 mph (40 kph) economy semi powershift / 17 × 16 25 mph (40 kph) economy semi powershift / 17 × 16 25 mph (40 kph) economy semi powershift / 17 × 16 25 mph (40 kph) economy semi powershift / 20 kmps / 150 amps & 200 amps Emain semi sion (CVT) CVT Optional Transmission Optional 30 mph / 50 kph Continuously Variable Transmission (CVT) CVT optional Transmission (CVT) CVT Optional Transmission Optional 30 mph / 50 kph Continuously Variable Transmission (CVT) Emain Aute Transmission (CVT) CVT Optional Area Xale <td< td=""><td>1 155 20 1 120 '17 × 16 30 mph (50 kph) semi</td><td>158 17 175 FPT 6 Cylinder / 6.7 L (409 cu in.) 24</td></td<>	1 155 20 1 120 '17 × 16 30 mph (50 kph) semi	158 17 175 FPT 6 Cylinder / 6.7 L (409 cu in.) 24				
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TRANSMISSION/PTO MFD Standard / Option 1 / Option 2 16 × 16 25 mph (40 kph) semi powershift / 17 × 16 25 mph (40 kph) economy semi powershift / 7 CVT Base Transmission Standard 25 mph / 40 kph Continuously Variable Transmission (CVT) CVT Optional Transmission Optional 30 mph / 50 kph Continuously Variable Transmission (CVT) Creeper Speeds for SPS/CVT@ Rated Engine RPM Minimum target speed - SPS = 528 feet (161 m) per hour - CVT = 66 (2 PTO 540/1000 rpm 1.375 in. reversible shaft AXLES Standard Rear Axle Standard Rear Axle Flange Bar Axle Diameter / Optional 3.625 in. (92 mm) Rear Axle Lengths / Optional) Class 3 non-suspended / Class 3 suspended, class 4, or class 4 st MFD Tread Adjustability/Rear Axle Min. Track Setting 61.4 in – 88.8 in. (1560 – 2256 mm)/60.2 in. (1530 mm) Wheelbase 104.0 in. (2 642 mm) HYDRAULICS/HITCH System Type (Base / Optional) System Type (Base / Optional) 3/4		N/A				
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MFD Standard / Option 1 / Option 2 16 × 16 25 mph (40 kph) semi powershift /1 × 16 25 mph (40 kph) economy semi powershift // CVT Base Transmission Standard 25 mph / 40 kph Continuously Variable Transmission (CVT) CVT Optional Transmission Optional 30 mph / 50 kph Continuously Variable Transmission (CVT) Creeper Speeds for SPS/CVT@ Rated Engine RPM Minimum target speed - SPS = 528 feet (161 m) per hour - CVT = 66 (2 PTO 540/1000 rpm 1.375 in. reversible shaft AXLES Standard Rear Axle Standard Rear Axle Flange Bar Axle Diameter / Optional 3.625 in. (92 mm) Rear Axle Lengths / Optional) Standard / Optional) Front Axle MFD (Standard / Optional) Standard / Class 3 non-suspended / Class 3 suspended, class 4, or class 4 MFD Tread Adjustability / Rear Axle Min. Track Setting 61.4 in – 88.8 in. (1560 – 2256 mm) / 60.2 in. (1530 mm) Wheelbase 104.0 in. (2 642 mm) HYDRAULICS/HITCH System Type (Base / Optional) System Type (Base / Optional) Pressure flow compensating (PFC) Electronic Rear Remotes (Standard / Optional) 3/4		N/A				
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Mechanical Rear Remotes 3 or 4 optional on CVT models only						
		81/8				
Max Flow Available @ One Remote (L/min.) 25.1 gpm (95 L/min.) mechanical remote 26.5 gpm (100 L/min.) elec		N/A				
	25.1 gpm (95 L/min.) mechanical remote 26.5 gpm (100 L/min.) electronic remote					
	CVT models - 33 gpm (125 L/min.)/MultiController models - 29.8 gpm (113 L/min.)					
	12.4 gpm (47 L/min.)					
	CVT model - 45.4 gpm (172 L/min.)/MultiController models - 42.4 gpm (160 L/min.)					
	Cat II/Cat II-IIIN					
	6,700 lbs. (3 030 kg)/7,950 lbs. (3 606 kg)					
	2 or 3 function					
CAPACITIES						
Fuel Tank - Standard/Auxiliary/Max Capacity 51.5 gal. (195 L)/6.6 gal. (25 L)/60.8 gal. (230 L)						
Diesel Exhaust Fluid (DEF) Tank 10.3 gal. (39.5 L)						
Engine Oil with Filter 16 U.S. qt. (15 L)						
Hydraulic Fluid 19.5 U.S. gal. (75 L)						
CAB						
Cab Suspension Optional						
Glass Area - Including Standard Hi-Vis Roof 63.2 sq. ft. (5.9 m²)						
WEIGHT						
Average Standard Weight ^{***} lb. (kg) w/ Standard Front Axle 11,300 lbs. (5 125 kg)	12,500 lbs. (5 670 kg)	12,800 lbs. (5806 kg)				

*Power boost available during mobile PTO/hydraulics/transport operation. **2,200 rpm for road transport and hydraulic work, limited @ 2,100 rpm for PTO and low range transport. ***Average Standard Weight is based on the standard tractor, w/18.4R38 less front weight bracket, without operator and minimum fuel.



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