

CASE II
AGRICULTURE

PUMA™ 115-155 TRACTORS
95-135 PTO 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.

LET'S FACE IT. GOALS CHANGE. NEEDS CHANGE. THE WORLD CHANGES. BUT THE NUMBER OF HOURS IN THE DAY NEVER DOES. THAT'S WHY WE'VE DEVELOPED AN EFFICIENT, MULTIPURPOSE TRACTOR LINE WITH JUST THE RIGHT SIZE AND POWER TO HANDLE A VARIETY OF TASKS IN YOUR OPERATION — THE NEW PUMA™ SERIES TRACTORS. THEY'RE RELIABLE. THEY'RE DURABLE. THEY'RE FUEL EFFICIENT. THEY'RE PUMA.

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FOR THOSE WHO DEMAND MORE



Ergonomic SurroundVision cab delivers an unobstructed 360-degree panoramic view, along with optional High Intensity Discharge lights front and rear.

Front A-post digital displays and optional performance monitor keep important functions and performance data centrally located.

Exclusive Turn Assist steering system option minimizes steering effort for less fatigue and more productivity.

INCREASED EFFICIENCY. HIGHER RETURNS.



Adjustable armrest controls and an optional electro-hydraulic joystick are integrated with the seat armrest for easy access.

Proven Case IH components with thousands of hours in the field provide years of reliable service.

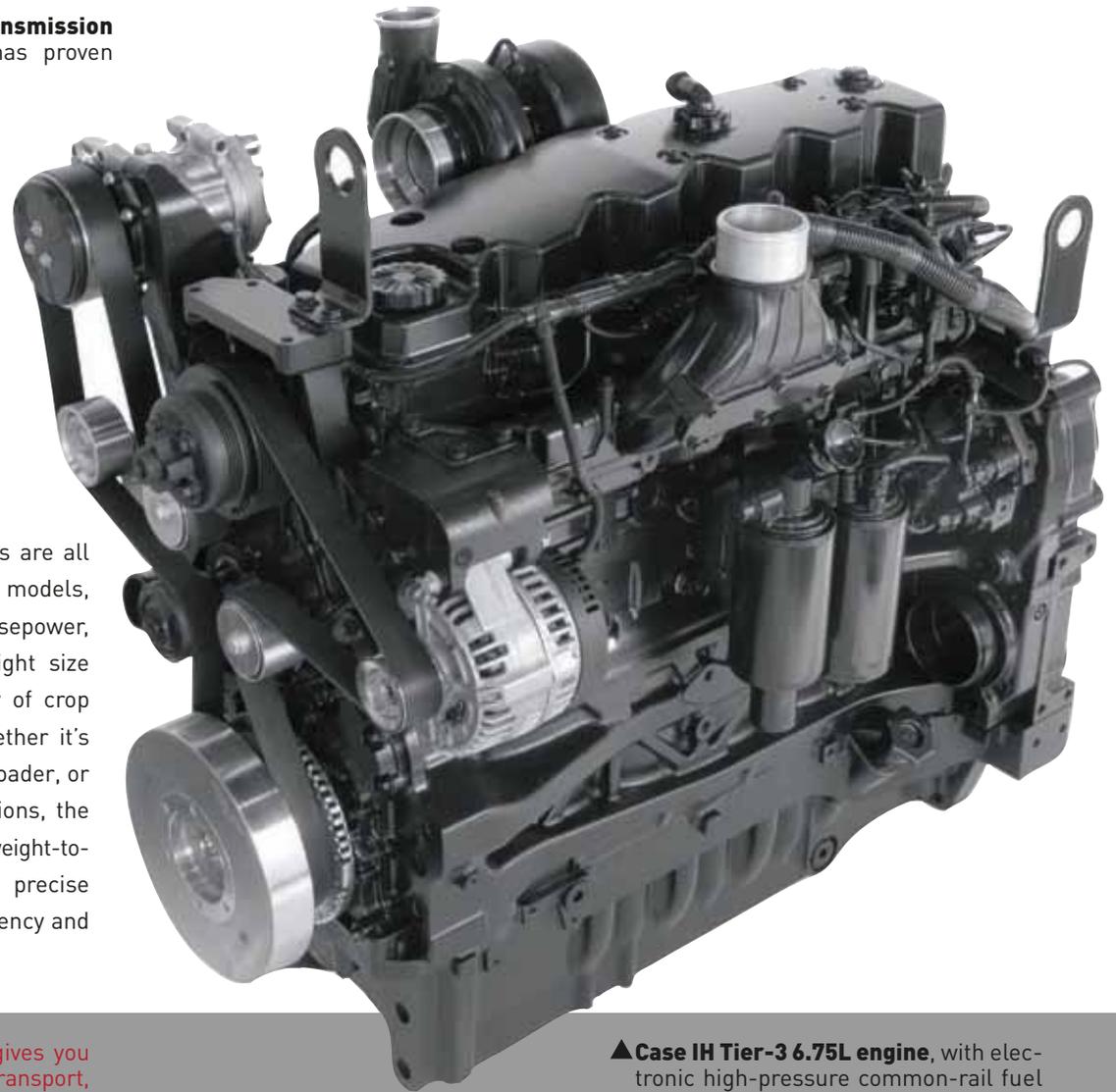
Exclusive Suspended Cab system reduces vibration and enhances operator comfort.

LEADING THE INDUSTRY



18x6 full powershift transmission with standard Autoshift has proven durability in the field.

The new Puma Series tractors are all about efficiency. With four models, ranging from 95 to 135 PTO horsepower, Puma tractors provide the right size and power for a wide variety of crop and livestock operations. Whether it's pulling hay tools, operating a loader, or using it for row crop applications, the Puma tractors' outstanding weight-to-horsepower ratio delivers the precise power you need for peak efficiency and fuel economy.



19th EconoGear™ option enhances fuel efficiency and quiets operation noise at top road speeds.

Up to 25-horsepower boost gives you extra power for mobile PTO or transport, helping to handle tough crop conditions or steep inclines.

▲ **Case IH Tier-3 6.75L engine**, with electronic high-pressure common-rail fuel system, delivers fuel-efficient power up to 135 PTO horsepower to handle your toughest jobs.

▼ **SurroundVision cab features** curved glass and an unobstructed view of your surroundings.

▼ **Remote-adjustable electric mirror** option lets you change rear views at the touch of a button.

▼ The **automatic climate control** option lets you preselect the perfect temperature without the need for constant adjustment, for continuous comfort throughout the day and night.

▼ **An A-Post instrument cluster with an optional performance monitor tracks** important functions and data for convenient at-a-glance monitoring.



▼ **Brightly illuminated control panels** provide clear, easy-to-read displays.

CAB ENVIRONMENT

MORE CONTROL. LESS FATIGUE.

SURROUNDVISION CAB TECHNOLOGY COMBINES PANORAMIC VIEWS WITH ERGONOMIC CONTROLS FOR HIGHER PRODUCTIVITY AND COMFORT, SEASON AFTER SEASON.

Unsurpassed sight lines, ergonomic controls and operator-friendly features highlight the highly evolved Puma tractor cab. Designed with operator comfort and productivity in mind, this best-in-class cab features SurroundVision with up to 63 square feet of glass, including the optional high-visibility cab roof window for unobstructed views in all directions.

Long days in the field are less taxing with easy-to-reach, adjustable armrest controls. Key tractor controls are integrated into the seat armrest for instant access, including an optional integrated electro-hydraulic joystick for ergonomic loader operation. The front right A-Post instrument cluster keeps important operating information within your sight line for less wear on you.



► The **Turn Assist** option provides rapid lock-to-lock steering response for reduced operator effort. Full left or right turns can be made by moving the steering wheel just 10 degrees at speeds up to six miles per hour.



▲ **Adjustable armrest controls**, including gear, throttle and hitch controls, are attached to the seat armrest for easy access in any seat position. An **optional electro-hydraulic joystick**, with two or three functions, adjoins the armrest controller for added loader convenience.



ENGINE

► **Auto shutdown** feature shuts off the engine when sensors indicate high temperatures to prevent engine damage.

FUEL SAVINGS. DURABLE PERFORMANCE.

THE NEW-GENERATION TIER 3 EMISSIONS-CERTIFIED ENGINE POWERING PUMA TRACTORS FEATURES OUTSTANDING FUEL ECONOMY AND LONG-LASTING DURABILITY.

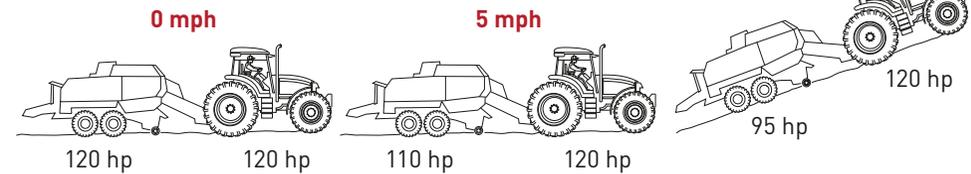
Proven engine technology from the same quiet and fuel-efficient engine family used in the highly successful Maxxum® Series tractors reaches the next level of performance in Puma Series tractors. Leading the list of new engine features is an electronically managed 24-valve high-pressure common-rail fuel system for up to 4 percent improved fuel consumption over previous models in this horsepower class. The 411-cubic-inch (6.75L) clean-burning power plant delivers 95, 105, 120 and 135 PTO horsepower, depending on the model. An additional 10- to 25-horsepower Power Boost is also available during mobile PTO and transport operations.

New engine technology provides better performance, low emissions and greatly reduced noise levels. The result is more efficient operation with greater durability and reliability.

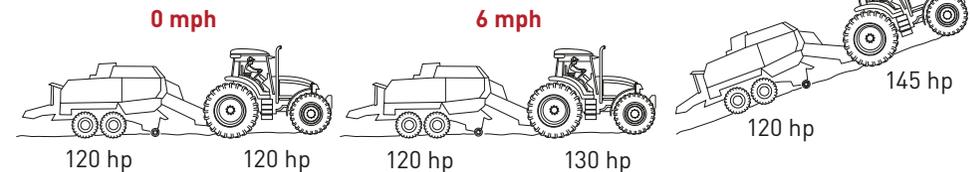
► **Power Boost™** during transport and mobile PTO operations is standard on all Puma models. This burst of power helps the operator tackle tough crop conditions or steep grades without losing speed or productivity. The excellent Puma torque rise provides the power curve to get you through tough conditions. It also allows you to shift up and throttle down to save fuel.

POWER MANAGEMENT

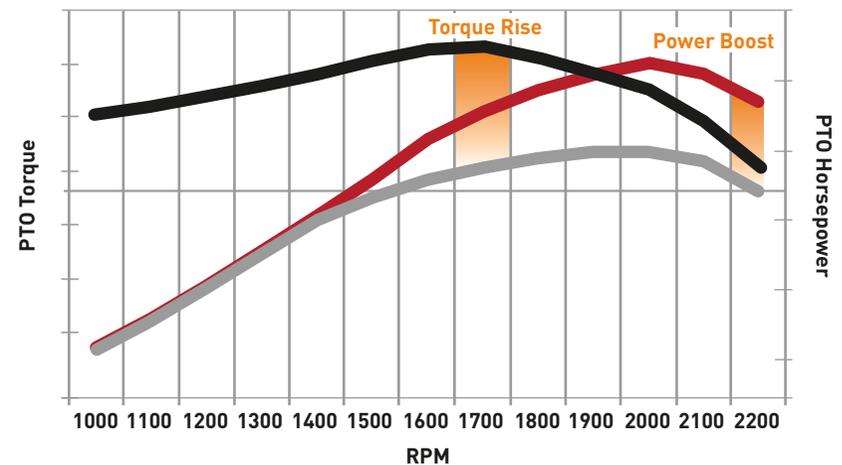
Without Power Boost



With Power Boost



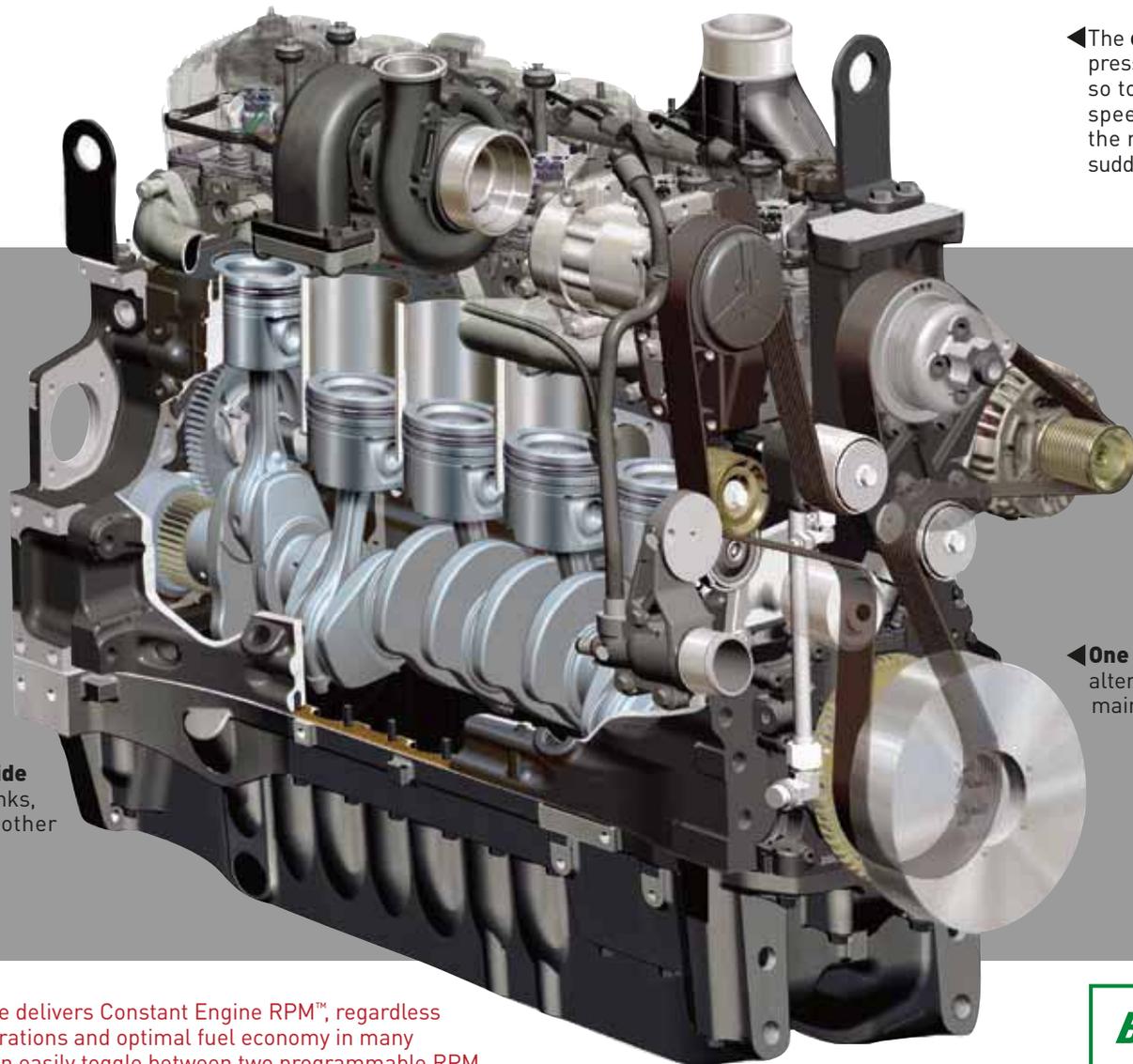
PUMA POWER Boosted Torque Rise Unboosted Power Boosted Power



Electronic injector control on the power stroke regulates injection flow and timing while maintaining rail pressure.

Clean engine combustion produces fewer contaminants to enable an extended **600-hour engine oil/filter service interval**, reducing maintenance time and costs.

▼ **Four valves per cylinder** and **direct-flow port technology** provide optimal performance at lower engine speeds with low engine emissions.



◀ The **common-rail fuel system** delivers pressure independent of engine speed so torque increases at lower engine speeds. High pressure available in the rail provides improved response to sudden load changes.

◀ **One Poly-Vee belt** drives the fan, alternator and water pump for low maintenance and long belt life.

Optional **contoured engine side rails** accommodate spray tanks, additional front ballast and other accessories.

Constant Engine Speed mode delivers Constant Engine RPM™, regardless of load variation, for PTO operations and optimal fuel economy in many applications. The operator can easily toggle between two programmable RPM settings stored in memory.

Air-to-air aftercooling system cools compressed air from the turbocharger, reducing the temperature by 50 percent and increasing the air density for enhanced power output and reduced emissions.

Viscous-type fan automatically adjusts for optimum cooling and saves power when not in use for enhanced engine efficiency and fuel savings.



B100 Biodiesel Approved

Approved for use with up to **100 percent biodiesel** using approved Case IH maintenance practices.

HYDRAULICS

ON-DEMAND PRESSURE. RESPONSIVE CONTROL.

A POWERFUL PRESSURE FLOW COMPENSATING (PFC) HYDRAULIC SYSTEM ENSURES RESPONSIVE IMPLEMENT CONTROL.



The Puma Series PFC load-sensing hydraulic pump delivers the power and control needed for today's loaders, implements and remote hydraulic motors for efficiency, reduced wear and top fuel economy. This high-capacity system delivers quick response and the flexibility to handle several functions simultaneously without sacrificing performance.

A powerful, responsive **pressure flow compensating (PFC) hydraulic system** assures responsive implement and steering control. This high-capacity system provides implement pump flow of 26.5 gpm (100 lpm) standard. Combined with the flow available to the steering pump 17.2 gpm (65 lpm), the total flow is 43.7 gpm (165 lpm). The PFC load-sensing hydraulic pump provides power only when needed for efficiency, durability and fuel economy.

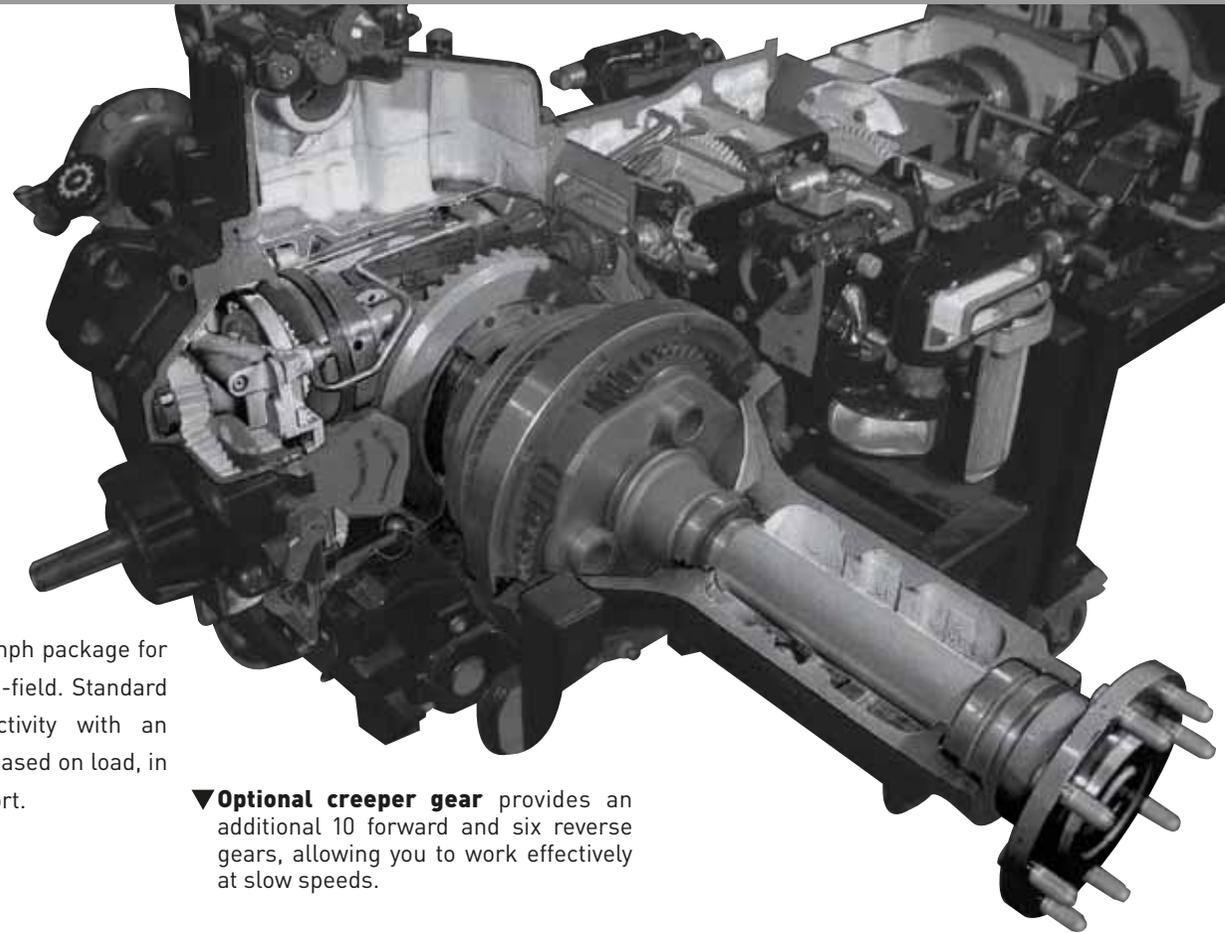
Two mechanical rear remotes are standard, with up to four mechanical remotes optional. Up to four electro-hydraulic remotes are also available.

MAXIMUM SPEED. LESS EFFORT

PUMA SERIES TRANSMISSIONS DELIVER ENHANCED FUEL ECONOMY, LOWER OPERATING COSTS, QUIETER OPERATION AND EXCEPTIONAL SHIFT QUALITY.

Full powershift transmission with standard Autoshift feature allows top performance and efficiency with minimal effort. Enhanced clutch modulation with adaptive transmission controller software makes for easy operation and outstanding shift quality.

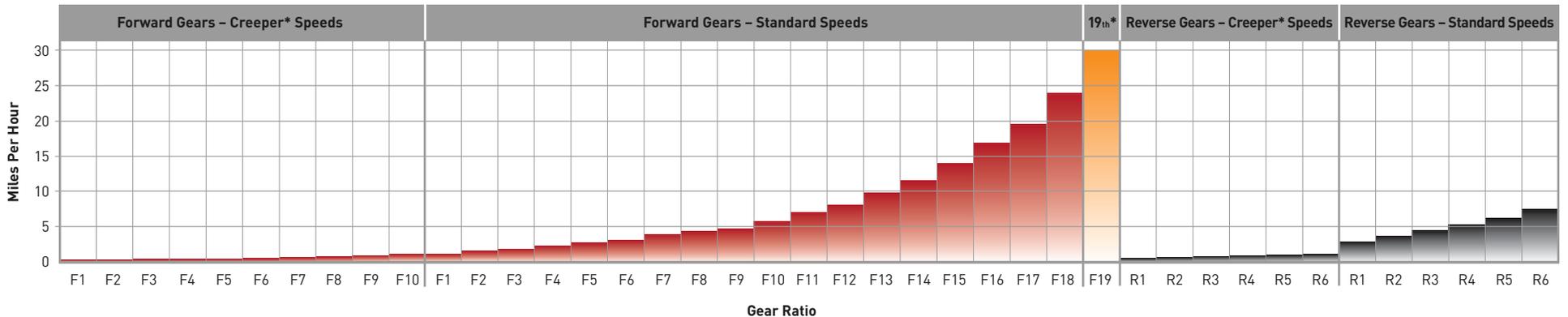
Choose the optional 19th gear to serve as either a 25-mph fuel-economy gear, or as part of the 30-mph package for faster roading from field-to-field. Standard Autoshift adds to productivity with an automatic shifting feature based on load, in the field and during transport.



▼ **Optional creeper gear** provides an additional 10 forward and six reverse gears, allowing you to work effectively at slow speeds.

GROUND SPEEDS

Ground Speeds in mph at Rated Engine Speed (2200 rpm). *19th Gear and Creeper gears optional.



HITCH AND PTO

AMPLE POWER. FLEXIBLE CONTROL.

CONVENIENT CONTROLS CREATE GREATER EFFICIENCIES WITH THE PUMA TRACTORS' HEAVY-DUTY THREE-POINT HITCH AND PTO SYSTEM.

The powerful Puma tractor hitch and PTO system provide versatility and the capacity to handle a range of large mounted implements for maximum lift and convenient operation. Hefty standard three-point lift capacity can be upgraded with an optional high-lift option to tackle even higher-load implement challenges.

The rugged, efficient, Puma tractor PTO system features a new Auto PTO Management option to reduce operator effort and protect PTO driveline components. Operator convenience is enhanced with both in-cab PTO controls and a new fender-mounted switch.



Independent 540/1,000 RPM PTO with an **interchangeable 1³/₈-inch shaft** is standard on all Puma models, delivering constant horsepower through power boost in non-static applications.

The **Auto PTO Management** option automatically turns the PTO on and off at a predetermined height of the three-point hitch, reducing operator effort and protecting PTO driveline components during headland turns.

Standard soft-start PTO provides smooth start-up, even with high-torque equipment and high-inertia loads to minimize stress on implement drivelines.



▼ **Standard remote rear fender-mounted raise/lower switch** provides an easy, time-saving way to precisely position the hitch from outside the cab. In addition to traditional in-cab controls, a new, convenient **fender-mounted PTO control switch** allows you to turn off the PTO from outside the cab.



Dynamic ride control is standard for smooth rides during road transport.

The heavy-duty 3-point Cat. II / IIIN hitch provides a lift capacity of 12,185 lb. (5527 kg) as standard. Optional is an impressive maximum lift capacity of 15,197 lb. (6893 kg) available to handle large mounted implements.

Automatic slip control option is available for use on tractors with ground speed radar.

Flex link ends for easy hook up and telescoping stabilizers for sway control are standard equipment.

Electronic draft control lets the operator enter and maintain the needed blend of position and draft.

LOADERS

▼ The new ergonomic two- or three-function joystick offers simultaneous control of third loader functions such as grapples.

LARGER LOADS. EASIER HANDLING.

THE L760 LOADER AND PUMA TRACTOR ARE A PERFECT MATCH FOR OUTSTANDING LOAD VISIBILITY, EXCEPTIONAL LOAD HANDLING AND THE CAPACITY TO HANDLE LARGE LOADS.

The new L760 loader features tough construction to match the power of a Puma tractor for heavy-duty loader work. Puma tractors can be ordered loader-ready with factory-installed brackets, mid-mount valves and fingertip controls for more productive loader work.

This exceptional material handling system offers more than 70 loader attachments, with a versatile selection of options for bale handling, pallet forks and many other tasks.



▶ **A bucket-level indicator** is standard, with optional mechanical self-leveling available.

▶ **Factory-installed** rear loader brackets and two- or three-function mid-mount valves are available.

▶ **A breakout force of up to 4,999 pounds** provides ample power for tough jobs.



▶ **Standard high-visibility roof window** provides a clear view of the loader in raised position.

L760 FRONT LOADER

Standard features for Puma series tractors*	
Quick-attach design	
4-bar bucket linkage	
Bucket-level indicator	
Parking stand	
Specifications for Puma series tractors*	
Lift capacity at maximum height at 31.5 in./800 mm	4,300 lbs./1950 kg
Breakout force	4,999 lbs./2268 kg
Maximum lift height	167 in./4.24 m
Maximum lift height under level bucket	155 in./3.93 m
Clearance with bucket dumped	129 in./3.27 m
Reach at maximum lift height	31 in./0.78 m
Maximum dump angle	56°
Reach at ground line	107 in./2.71 m
Bucket rollback angle	43°
Digging depth	5 in./127 mm

* Loader specifications are subject to change and may vary based on tractor model, hydraulic system and tire size.



▶ **Quick Lock** mounting system is quick and easy. The spring-loaded design keeps the pins with the loader—no pins or parts to search for when attaching the loader. Safety mechanisms are built-in for simplicity and dependability.



▶ **The new Central Hydraulic Valve** is protected by the cross tube and a cover reducing damage to hoses, tubes, and accumulators. The valve allows all hydraulic hoses to connect at one point.



▶ **Short-stroke, large-diameter lift cylinders** offer generous breakout forces and reduced cycle times. Cylinder design and placement create maximum clearance for large front tires.



▶ **Maintenance is a snap** with easy access grease points on the outside of the loader. Snap covers protect all grease zerks from contaminants and keep excess grease off of your tractor and loader during powerwashing.

AXLES/TURNING RADIUS

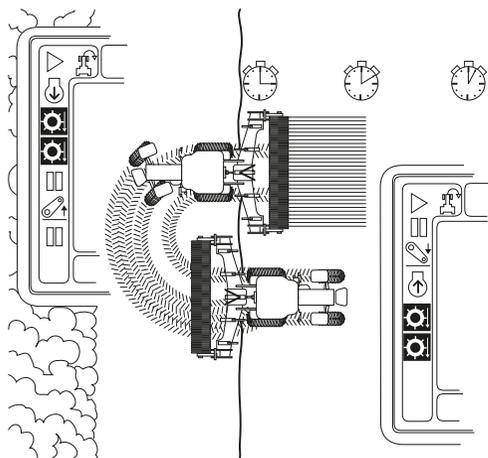
TIGHTER TURNS. HIGHER PRODUCTIVITY.

PUMA TRACTORS FEATURE FRONT-AXLE TECHNOLOGY FOR OPTIMUM TRACTION, EASY TURNING AND MORE COMFORTABLE RIDES.

Puma tractors offer axle options to match your terrain, conditions and tasks. The standard heavy-duty mechanical front-wheel drive (MFD) provides the ultimate ride across challenging terrain with all types of loads.

The optional suspended front axle system is designed to maintain performance under all conditions by providing improved traction in the field and increased stability at higher transport speeds on the road.

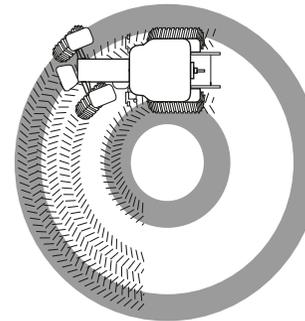
Puma tractors lead the industry with tighter, easier turns for less operator fatigue and top productivity. The ergonomic design of the Puma tractor provides a 20-foot turn radius with typical row crop tires. The new optional Turn Assist steering system minimizes operator effort, especially during repetitive loader work and frequent end-of-row turns.



The **Turn Assist** option provides rapid lock-to-lock steering response for reduced operator effort. Full left or right turns can be made by moving the steering wheel just 10 degrees at speeds up to six miles per hour.

◀ The optional **Automatic End-of-Row** function operates easily with one-button activation and includes memory for up to 28 tasks to reduce repetitive operator work.

▼ The ergonomic design allows an outstanding 20-foot turning radius and superior maneuverability with typical row crop tires.



▲ **Heavy-duty front axle** is available on all Puma MFD tractors.

Exclusive suspended front-axle technology provides improved field and road handling and traction during tasks such as driving across furrows, heavy front-loader work, and transporting heavy slurry wagons and grain carts.

The optional **dynamic front fender** moves with the wheel, allowing a tighter turning radius while covering the tire at all track settings.

The **factory-installed battery isolator** option allows convenient battery disconnection before maintenance or storage. The isolator switch may be ordered as an electronic in-cab switch.

SERVICEABILITY

TIME-SAVING ACCESS. CONVENIENT OPTIONS.

PUMA SERIES TRACTORS ALLOW EASY ACCESS FOR KEY MAINTENANCE TASKS TO SAVE TIME ON PREVENTIVE MAINTENANCE AND MINIMIZE OPERATING COSTS.



▲ **New swing-out coolers and radiator** are easy to reach and simple to clean, with no tools required.



▲ **Rear-pivot, one-piece, front-release hood** is supported by gas-filled cylinders, making it easy to raise.

▲ **Engine maintenance points** are located at ground level for easy access.

OUR SYSTEMS APPROACH

EVERYTHING YOU NEED. ONE EXCEPTIONAL PACKAGE.

CASE IH EMPLOYS A TOTAL SYSTEMS APPROACH, INTEGRATING EQUIPMENT, FINANCING, PARTS AND SERVICE INTO AN EXCEPTIONAL PACKAGE THAT BENEFITS YOU.

Turn to your experienced Case IH specialists when it comes to purchasing the equipment you need for an optimum return on your investment. Highly trained Case IH dealers know how to match the right Puma tractor horsepower and capabilities with the precise tools and implements needed to efficiently complete your farming operations, from row crop applications to livestock work and other chores around the farm.

Your Case IH dealer can provide assistance in selecting the right equipment to meet your operation's productivity and financial goals. The Case IH systems approach helps pair tractors with compatible implements, such as planters, cultivators or disks, to achieve peak performance from both pieces of equipment. Your dealer will recommend the ideal option package, with proper tires, weighting and ballast, to help your Puma tractor work most efficiently for your specific requirements. Plus, he or she will consult with you in analyzing results, field by field.

You can also rest assured your Case IH equipment will hold its value through trade-in time. Case IH equipment and your dealer's value-added service are the right choices for those who demand more.



CNH CAPITAL FINANCING SOLUTIONS

For those who demand more from a financial services provider, CNH Capital has the right solutions for you. With more than 50 years experience in the agricultural industry, we understand your unique needs and have developed a wide range of financial products and services to support your business.

CNH Capital offers competitive equipment financing with flexible payments that can

be timed to your cash flow. Operating and finance leases are also attractive options that allow you to reduce up-front payments and conserve capital, while benefiting from the latest in equipment technology. For other business financing needs, choose from a variety of credit card programs designed specifically for the agricultural business. CNH Capital can even help you finance crop-input products, land rental.

PARTS AND SERVICE EXPERTISE

You can always count on your Case IH dealer for the professional service and advice necessary to keep your equipment running, season after season.

In addition to helping you find the right product solutions for your operation, your Case IH dealer offers a vast array of parts, services and equipment protection plans—all backed by expert advice and skilled, factory-trained service professionals who can help you before, during and after the sale. Your Case IH dealer carries the complete line of genuine Case IH parts and components, along with full-service maintenance programs and industry-leading warranties that can help keep your equipment running smoothly.

Now you can identify the Case IH parts you need online

- Visit www.caseih.com/na
- Click on Search for Parts under Parts & Service
- Enter your model number or product name
- View a parts list and diagram
- Build a list of the parts you need
- Contact your Case IH dealer to order parts



SPECIFICATIONS

SPECIFICATIONS	115	125	140	155
ENGINE				
Rated PTO horsepower	95 hp	105 hp	120 hp	135 hp
Rated full load RPM	2,200 rpm	2,200 rpm	2,200 rpm	2,200 rpm
Cylinders/displacement	6/411 cu in (6.75 L)			
Number of valves	24	24	24	24
Aspiration	Turbocharged and Air to Air			
ELECTRICAL				
Standard alternator	120 amp/12 volt	120 amp/12 volt	120 amp/12 volt	120 amp/12 volt
Battery capacity (1 battery)	960 CCA	960 CCA	960 CCA	960 CCA
TRANSMISSION				
18 speed full power shift 18F-6R 25 mph (40 k/h)	Standard	Standard	Standard	Standard
19 speed full power shift 19F/6R 30 mph (50 k/h)	Optional	Optional	Optional	Optional
Creep with additional 10F/6R	Optional	Optional	Optional	Optional
PTO - Standard	540/1000 rpm, 1-3/8 in (35 mm)			
AXLES				
Flange axle	Standard	Standard	Standard	Standard
Rear diameter bar axle - Optional	3-5/8 in (92 mm)			
Rear axle length - Standard/ Optional	98 in (2489 mm)/ 112 in (2845 mm)	98 in (2489 mm)/ 112 in (2845 mm)	98 in (2489 mm)/ 112 in (2845 mm)	98 in (2489 mm)/ 112 in (2845 mm)
Suspended front axle option	Optional	Optional	Optional	Optional
MFD tread adjustability	61.8 - 89.2 in (1570-2266 mm)			
Wheelbase - standard front axle	107.8 in (2739 mm)			
Wheelbase - suspended front axle	109.7 in (2786 mm)			
HYDRAULICS				
Hydraulic type	Closed Center, Pressure Flow Compensating			
Remotes - Std./Opt	2 mechanical/2-4 electronic	2 mechanical/2-4 electronic	2 mechanical/2-4 electronic	2 mechanical/2-4 electronic
Main/Implement pump flow	26.5 gal/min(100 l/min)	26.5 gal/min(100 l/min)	26.5 gal/min(100 l/min)	26.5 gal/min(100 l/min)
Steering and services pump flow	17 gpm (65 l/min)			
Tractor hydraulic total flow	43.7 gpm (165 l/min)			
3-point hitch category	II/IIIN	II/IIIN	II/IIIN	II/IIIN
Standard hitch capacity - 90 mm ext. cylinders	12,185 lbs (5527 kg)			
Optional hitch capacity - 100 mm ext. cylinders	15,197 lbs (6893 kg)			
CAPACITIES				
Fuel tank	79 U.S. gal (300 L)			
Engine oil	16 U.S. qt (15 L)			
Hydraulic fluid	19.6 U.S. gal (75 L)			
CAB				
Glass	58.7 sq ft (5.45 m ²)			
Sound Level	71 dba	71 dba	71 dba	72 dba
ESTIMATED SHIPPING WEIGHT				
Std MFD w/18.4R38 less ballast	13,228 lbs (6000 kg)	13,228 lbs (6000 kg)	13,228 lbs (6000 kg)	13,669 lbs (6200 kg)
Height to top of cab, 18.4R38	118.3 in (3005 mm)			

* Available during mobile PTO and transport applications.



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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.

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