

CASE *ii*

PUMA™ SERIES TRACTORS
135 – 180 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.**



FOR THOSE WHO DEMAND MORE



LEADING THE INDUSTRY	4
CAB ENVIRONMENT	6
SUSPENSION SYSTEMS	8
ENGINE	10
TRANSMISSION	12
HYDRAULICS	14
HITCH and PTO	16
LIGHTING	18
AXLE/TURNING RADIUS	19
LOADERS	20
SERVICEABILITY	22
OUR SYSTEMS APPROACH	24
SPECIFICATIONS	26

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

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

Sculpted front end allows for outstanding turning radius and superior maneuverability.

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.

Exclusive Suspended Cab system and Positive Response™ seat reduce vibration and enhance operator comfort.

Proven Case IH components work together as a reliable, durable system.

Exclusive Smart Suspension MFD front axle option automatically senses the speed of drop and varies the deflection accordingly for ultimate ride quality.

Model	PTO HP	Power Boost*
Case IH Puma 165	135	35
Case IH Puma 180	150	35
Case IH Puma 195	165	35
Case IH Puma 210	180	25

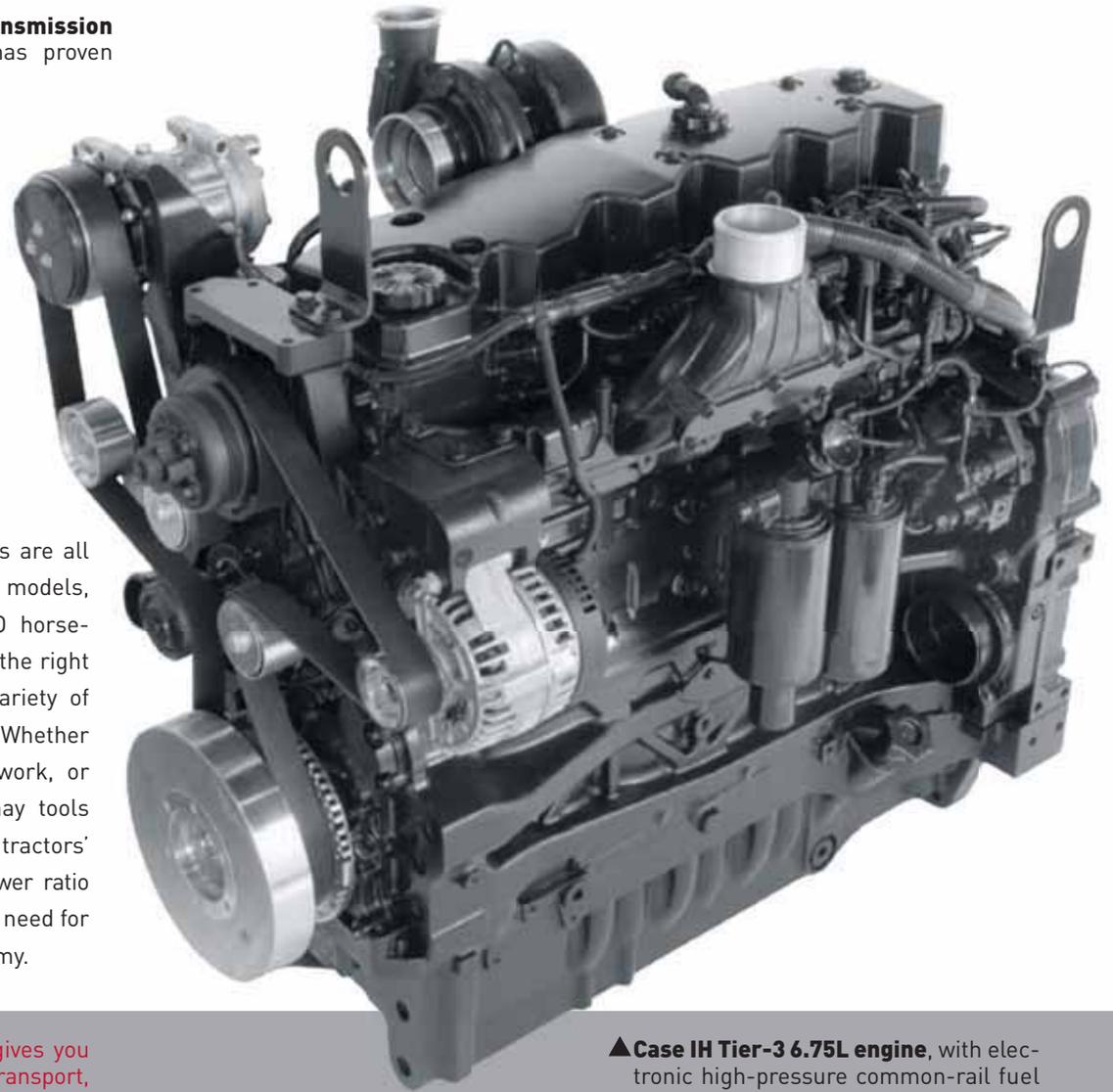
*Mobile PTO and transport operations.

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 135 to 180 PTO horsepower, Puma tractors provide the right size and power for a wide variety of crop and livestock operations. Whether it's spring or fall row crop work, or pulling sprayers and large hay tools during the summer, 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 35-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 180 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.

▼ **Narrow front steering console** provides excellent front in-row visibility.

▼ 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 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.



CAB OPTIONS

Feature Description	Standard	Optional
Seats		
Deluxe Air Suspension Seat With Armrest Controls	●	
Deluxe Heated Seat With Positive Response Suspension		●
Luxury Red Leather Heated Seat With Positive Response Suspension		●
Instructional Seat		●
Windows & Visibility		
Tinted Glass With Sun Shade	●	
Hinged Rear Window	●	
High-Visibility Cab Roof Window		●
Two-Speed Intermittent Front Wiper/Washer	●	
Rear Intermittent Wiper/Washer	●	
Manually Adjustable Telescopic Shatterproof Mirrors	●	
Electrically Adjustable Telescopic Shatterproof Mirrors		●
Instruments		
Self-Canceling Turn Signal	●	
Audible Warning Turn Indicators	●	
Programmable Automatic End-of-Row Function	●	
Turn Assist Steering System		●
A-Post Instrument Cluster	●	
Performance Monitor		●
Monitor Mounting Bracket		●
Steering Column Mounted Left-Hand Clutchless F/R Shuttle	●	
Cab Comfort & Convenience		
Heat/Air Conditioning	●	
Cab Automatic Temperature Control		●
Cab Suspension System		●
Dual Cupholder	●	
Rear Cab Storage		●
Digital Clock	●	
Tilt and Telescoping Steering Wheel	●	
Radio-Ready Speakers, Antenna & Wiring Harness	●	
High-Performance Speaker System		●

▼ A comfortable **red leather bucket seat** and heat that cycles on and off during the work day are options for maximum comfort. A contoured cushion air-ride suspension cloth seat is standard in Puma tractors. Both are fully adjustable for superior ride quality.



▲ Optional **full-size instructional seat** folds away for easy storage and is available with all primary seat options.

▼ A **left-hand storage box** with compartments and cupholders provides added convenience. It is a standard feature unless replaced with optional instructional seat.

▲ The **optional Positive Response** seat technology uses a seat sensor that automatically adjusts the shock absorber, reacting 500 times per second for a smooth ride over the roughest terrain.



SUSPENSION SYSTEMS

LESS VIBRATION. SMOOTHER RIDE.

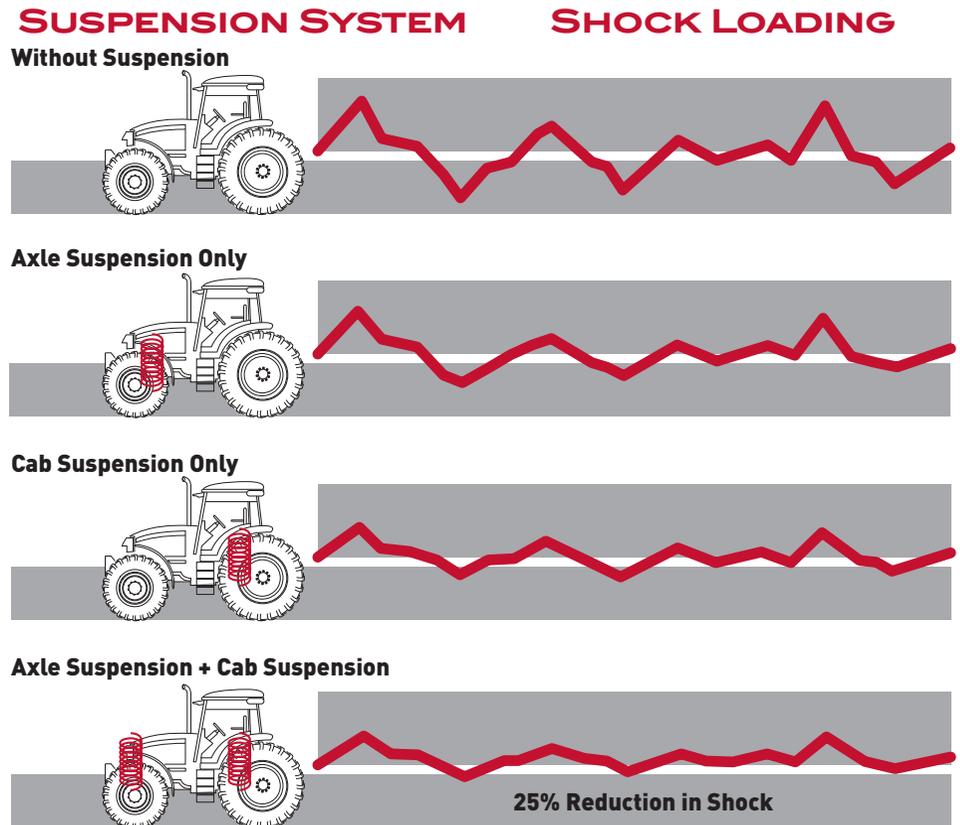
SHOCK-REDUCING CAB SUSPENSION AND POSITIVE RESPONSE SEAT SYSTEMS PROVIDE ULTIMATE COMFORT AND ENHANCED PRODUCTIVITY.

The exclusive easy-ride cab suspension system in the Puma Series tractors significantly reduces shocks and vibrations from field work and transport for greater operator comfort and productivity. Unlike front-axle suspension alone, the combination of cab and seat suspension systems significantly reduces vibration from the rear wheels. The result is a 25 percent reduction in shock loads to the operator.

Optional Smart Suspension MFD front-axle technology, suspended cab and Positive Response seat options add to a smoother ride. Operators experience less fatigue under any field and road conditions, even driving across furrows; managing heavy front-loader jobs; and transporting large equipment, such as heavy slurry tanks and grain carts. Smart Suspension MFD front-axle technology also provides better traction in rough fields and allows faster speeds during hay work, spraying and other higher-speed operations.

▼ The **Puma cab suspension system's** straightforward design includes a pan-hard rod for lateral stability and large rubber bushings on all linkages for less vibration and noise in the cab.

▼ Optional **Smart Suspension MFD** front-axle technology adjusts the speed and severity of the axle's reaction to a drop or bump for a smoother ride and improved stability at faster transport speeds.



▲ **Front cab mounts** are vertically positioned and two spring damper units are mounted beneath the cab frame to filter out shock loads and provide more operator comfort.

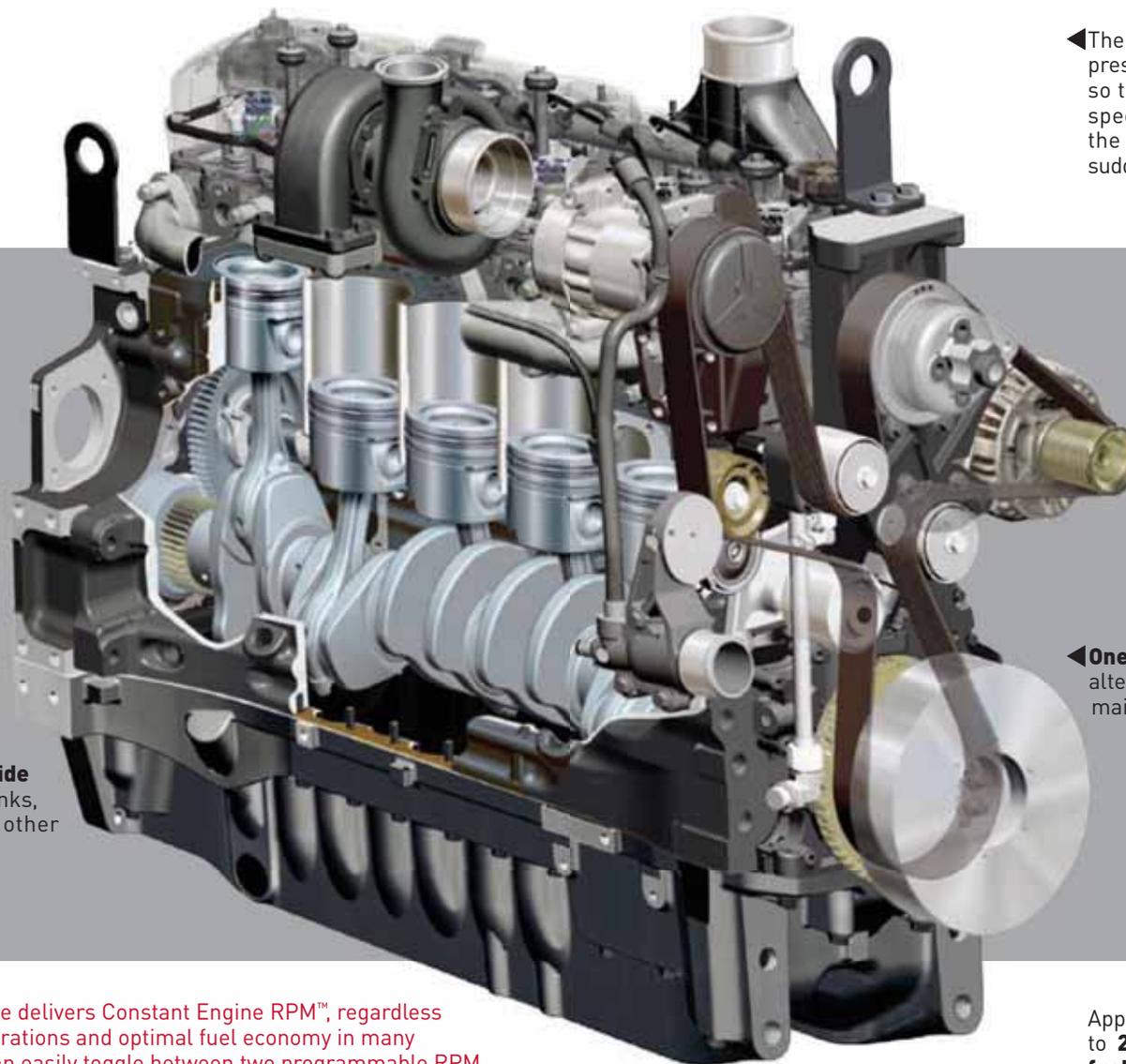
▲ A **sensor in the front bolster** area measures vertical acceleration of the axle and varies deflection and damping for the ultimate ride.

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.

Rear-hinge sculpted hood provides easy access to components around the engine. All serviceable parts are fully exposed with no further panels to remove.



◀ 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.

Approved for use with up to **20 percent biodiesel fuel** blends.



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

ENGINE

FUEL SAVINGS. DURABLE PERFORMANCE.

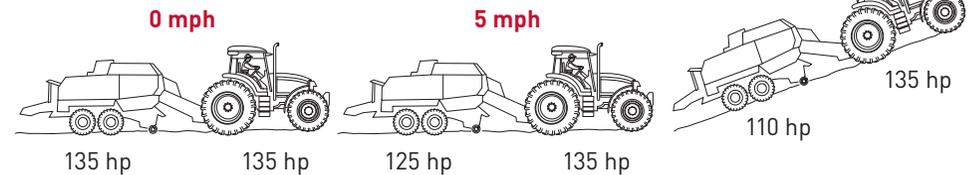
THE NEW-GENERATION TIER 3 EMISSIONS-CERTIFIED ENGINE POWERING PUMA TRACTORS FEATURES OUTSTANDING FUEL ECONOMY AND LONG-LASTING DURABILITY.

Proven engine technology from the same quiet and fuel-efficient engine family used in the highly successful MXU 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 135, 150, 165 and 180 PTO horsepower, depending on the model. An additional 25- to 35-horsepower Power Boost is also available during mobile PTO and transport operations.

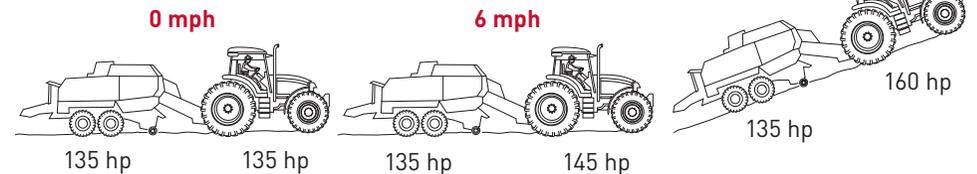
New engine technology provides better performance, low emissions and greatly reduced noise levels. The result is more efficient operation with greater durability and reliability.

POWER MANAGEMENT

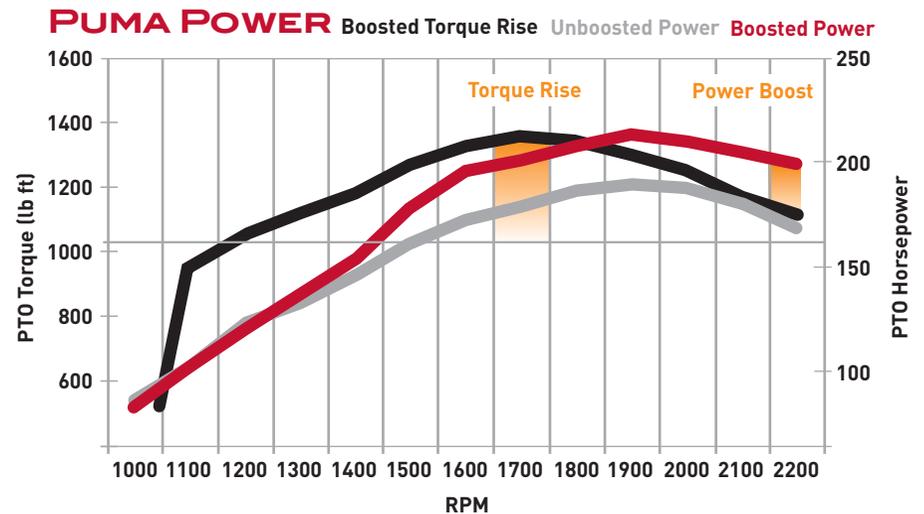
Without Power Boost



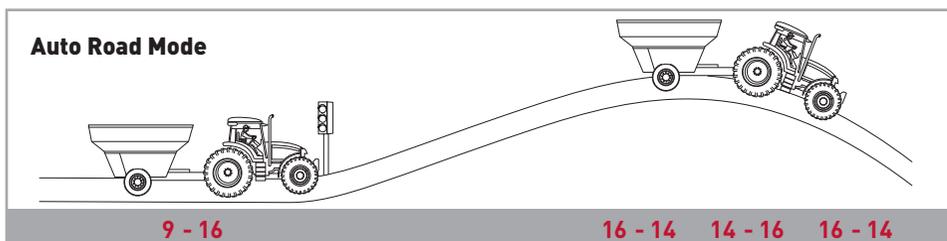
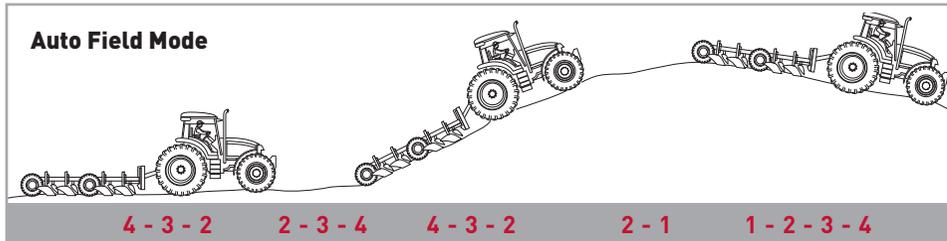
With Power Boost



► **Power Boost™** during transport and mobile PTO operations is standard on all Puma models, providing an additional 35 horsepower for Puma 165, 180 and 195 models and up to an additional 25 horsepower for the Puma 210 model. 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.



▼ The simple-to-operate **Autoshift works in both** field and road gears to provide automatic shifting based on load for increased productivity and fuel savings.



MAXIMUM SPEED. LESS EFFORT.

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

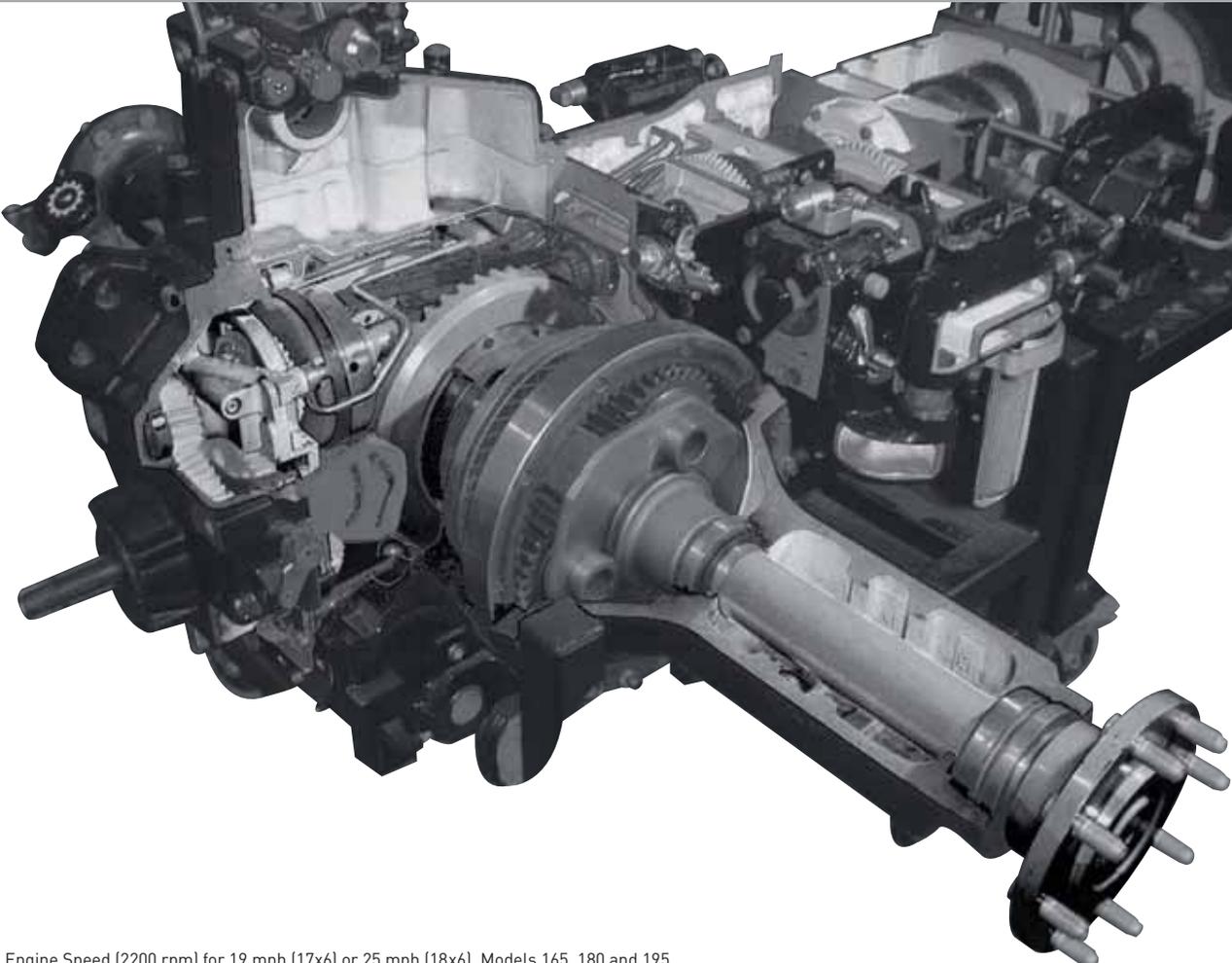
Full powershift transmission with standard Autoshift allows top performance and efficiency with minimal effort. Enhanced clutch modulation with adaptive transmission controller software makes for easy operation and outstanding shift quality.

The new optional 19th EconoGear allows the engine to run quieter during transport with greater fuel efficiency. Standard Autoshift adds to productivity with an automatic shifting feature based on load, in the field and during transport.

▼ **Standard Automatic End-of-Row** function, with one-button activation, stores up to 28 tasks to reduce repetitive operator functions at the headland.



TRANSMISSION



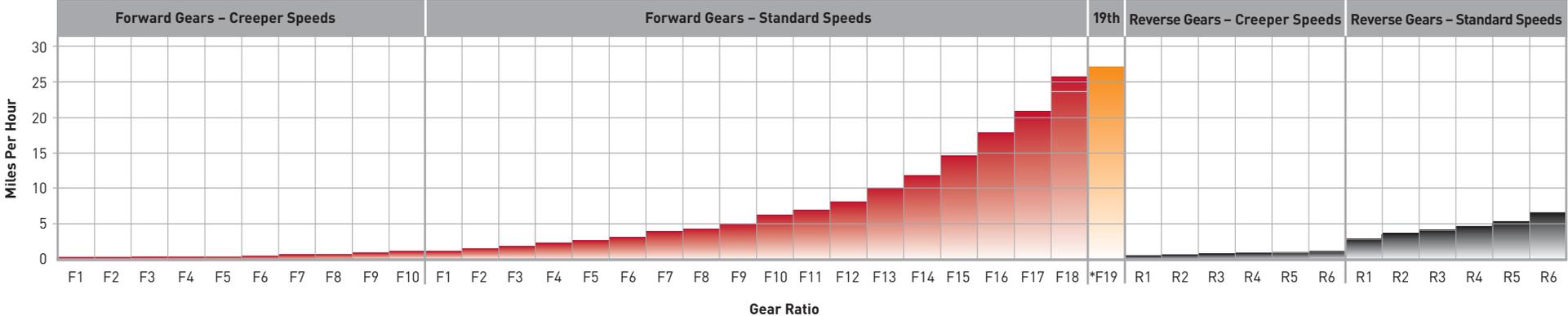
The **standard Autoshift feature in the 18x6 transmission** for MFD models and 17x6 for 2WD drive models uses a patented torque-sensing system on the tractor flywheel, measuring engine speed and transmission torque loads. Transmission speed adjusts to engine RPM, loading and forward speed for maximum tractor efficiency.

The **19th EconoGear** option reduces engine RPM for enhanced fuel efficiency and quieter operation at top road speeds. With a fuel savings of 11 percent while roading in 19th gear, it won't take long to realize Case IH saves you money and adds to your bottom line.

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

GROUND SPEED CHARTS

Ground Speeds in mph at Rated Engine Speed (2200 rpm) for 19 mph (17x6) or 25 mph (18x6), Models 165, 180 and 195



► The hydraulically adjustable hitch top-link option offers flexible control with the ability to adjust the fore/aft leveling pitch of implements on the go from inside the cab.

An optional **hydraulic trailer brake** is available for use with implements that include an independent braking system, such as heavy slurry or grain tanks.



▼ Convenient **selectable hydraulic detent settings** are standard on mechanical or electro-hydraulic remotes for easy operation. Detent settings can be changed according to implement for easier operation with applications such as orbital motors.

SELECTABLE HYDRAULIC MODES

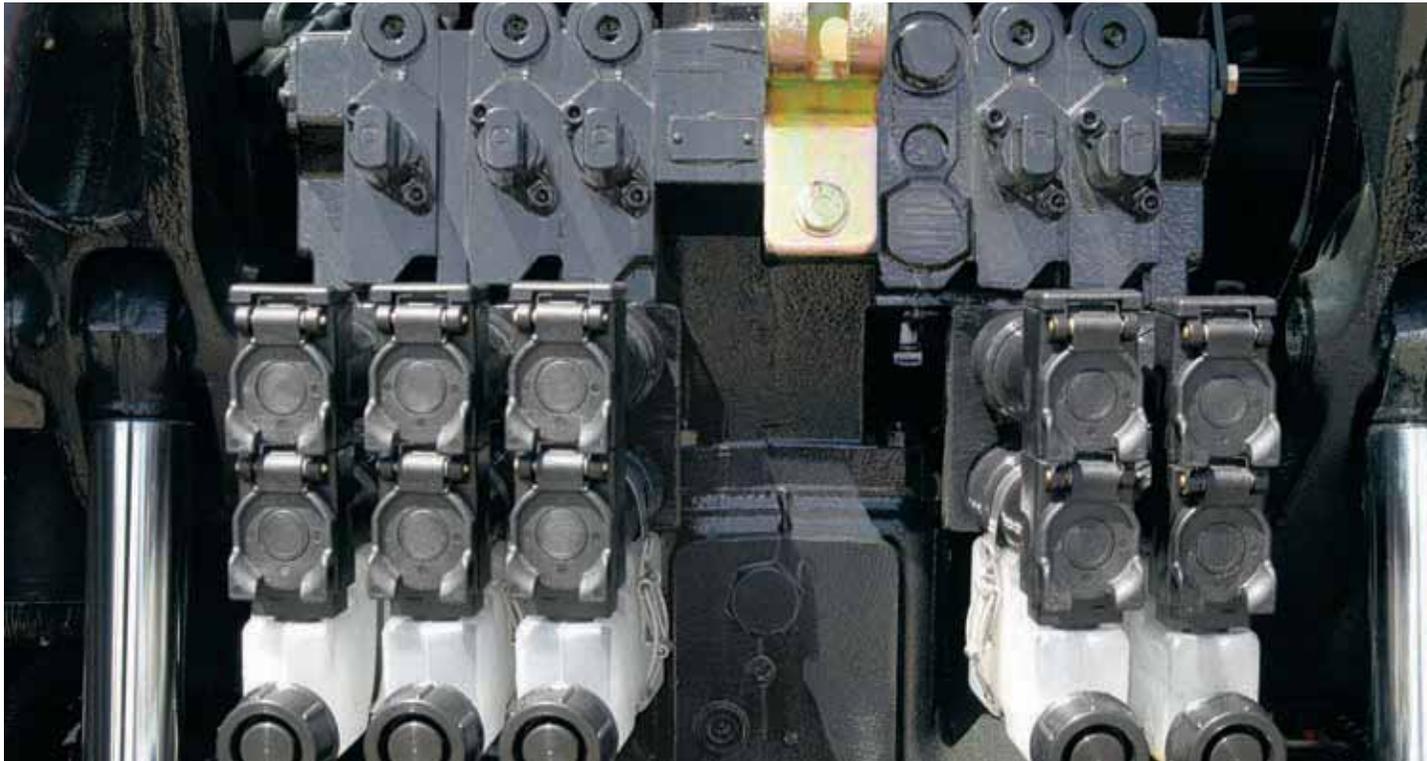
Setting	Float Position	Lower Position	Neutral Position	Raise Position
1	Detent w/o kick out	No detent		No detent
2	Float position not available	No detent		No detent
3	Detent w/o kick out	Detent w/kick out		Detent w/kick out
4	Detent w/o kick out	Detent w/o kick out		Detent w/o kick out
5	Detent w/o kick out	Detent w/o kick out	Position not available	Position not available

► **Three mechanical rear remotes** are standard, with up to four mechanical remotes optional. Up to five electro-hydraulic remotes are also available.



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.

Standard implement pump flow is 31.7 GPM (120 LPM), with **optional high flow** of 39.6 GPM (150 LPM) available. Combined with the separate 17 GPM (66 LPM) steering circuit, the Puma series can be equipped with **48.7 GPM (186 LPM) or 56.6 GPM (216 LPM) total tractor hydraulic flow** for greater productivity.

Standard Power Beyond Ready permits easy installation of a separate feed, return and sensing line to operate sprayers or other implements that have high hydraulic demand with their own independent valve controls.

Standard hitch-lift capacity is 12,787 pounds (5800 kg) with **optional 15,873-pound (7200 kg) hitch-lift capacity** available for larger implement loads.

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



Optional hydraulically adjustable three-point hitch top link offers convenient adjustment of implement pitch from the cab with a standard hydraulic lever.

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

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

▼ 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.



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 boosted 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.



◀ **Standard remote rear fender-mounted raise/lower switch** provides an easy, time-saving way to precisely position the hitch from outside the cab.

Independent 540/1,000 RPM PTO with an **interchangeable 1 $\frac{3}{8}$ -inch shaft** is standard on all Puma models, delivering constant power in non-static applications. **An independent 1,000 RPM 1 $\frac{1}{2}$ -inch shaft** is also available.

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.

LIGHTING

ULTIMATE LIGHTING. 24/7 PRODUCTIVITY.

PUMA TRACTORS PROVIDE SUPERIOR LIGHTING OPTIONS FOR HIGH-LEVEL VISIBILITY AFTER DARK.



Since the workday doesn't end at sunset, Puma tractors are equipped with a variety of lighting options to keep you up and running any time of day or night. A simple illuminated touch switch on the master lighting panel in the cab activates the precise lighting combination needed to complete your task and guide you home.

▲ Optional **High Intensity Discharge** work lighting can be installed between the front headlights, as well as in the front or rear cab roof area, to deliver ultimate night visibility.

Turn-signal-activated egress lighting feature provides up to three minutes of outside illumination after tractor shutdown.

▶ A convenient **touch switch** to activate the desired lighting combination is located on the lighting master control panel for fast, easy operation.

PUMA SERIES TRACTORS

Standard Lighting Equipment	Quantity	Optional Lighting Equipment
Hood-mounted, forward-facing	4	High Intensity Discharge work lighting (front headlight area, front or rear of cab roof)
Cab roof-mounted, forward-facing	2	Factory ready for rotary beacon standard; left- and/or right-side beacon optional
Grabrail-mounted, forward-facing	2	
Cab roof-mounted, rear-facing	2	
C-Post-mounted, rear-facing	2	
Fold-down rear lights for 119-inch axle	2	



AXLES/TURNING RADIUS

TIGHTER TURNS. HIGHER PRODUCTIVITY.

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

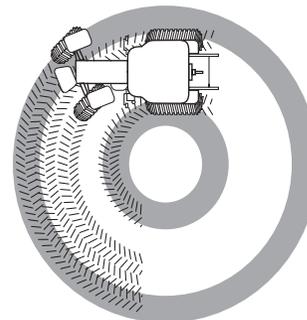
Puma tractors offer axle options to match your terrain, conditions and tasks. From two-wheel drive to heavy-duty mechanical front-wheel drive (MFD) for more demanding work, Puma axle technology provides the ultimate ride across challenging terrain with all types of loads. New optional Smart Suspension MFD front-axle technology offers enhanced stability and less vibration, while keeping the front tires in contact with the ground for up to 15 percent better traction, improved steering control and operator comfort.

Puma tractors lead the industry with tighter, easier turns for less operator fatigue and top productivity. The new sculpted front frame allows an unprecedented 18-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.

Exclusive Smart Suspension MFD 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.



▼ **Sculpted front end** allows an outstanding 18-foot turning radius and superior maneuverability with typical row crop tires.



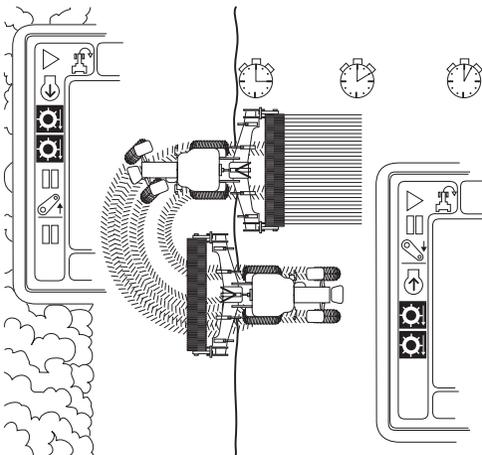
▲ **Heavy-duty front axle** is available on all Puma MFD tractors.

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

Two-wheel drive is available on Puma 165, 180 and 195 models.

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



► **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 5,800 pounds** provides ample power for tough jobs.

LARGER LOADS. EASIER HANDLING.



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

▼ The optional ergonomic two- or three-function **electro-hydraulic joystick** is located on the seat-mounted armrest within easy reach.



LX770 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	4,900 lbs./2,223 kg
Lift capacity at maximum height at pins	5,450 lbs./2,472 kg
Breakout force	5,800 lbs./2,631 kg
Maximum lift height	178 in./4.52 m
Maximum lift height under level bucket	166 in./4.22 m
Clearance with bucket dumped	140 in./3.56 m
Reach at maximum lift height	29 in./0.74 m
Maximum dump angle	55°
Reach at ground line	113 in./2.87 m
Bucket rollback angle	43°
Digging depth	6 in./152 mm

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



Multi-Use Fork



Pallet Fork



Quick-Attach Material Bucket



HD Round or Square Plastic Wrap Bale Grip



HD Round Bale King Bucket and Grapple

LOADERS

THE LX700 SERIES LOADERS AND PUMA TRACTORS ARE A PERFECT MATCH FOR OUTSTANDING LOAD VISIBILITY, EXCEPTIONAL LOAD HANDLING AND THE CAPACITY TO HANDLE LARGE LOADS.



The new LX700 Series loaders feature tough construction to match the power of Puma tractors 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.

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.

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.

Engine block heater and transmission heat maintainer are available as factory-installed options for faster starts in cold weather.

▲ **Rear-pivot 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.

SERVICEABILITY

Puma Series tractors simplify maintenance with an extended 600-hour engine oil change interval and easy service access to keep your machine in top running condition. From the easy-opening hood, convenient service steps and cab service access door to simple oil-level sight gauges, the Puma was designed to provide unobstructed accessibility.

Whether you're monitoring key tractor performance data from inside the cab or checking filters and fluids from ground level, Puma design makes it easy to maintain your equipment and protect your investment.



The **right-hand service access cab door** facilitates easy installation of monitors and electrical connections, plus access to the right-hand console area.

Right-hand service steps, which fold down for battery access, make it easy to change cab air filters, clean glass and adjust mirrors.

Transmission oil sight gauge makes monitoring transmission fluid level fast and easy.

INTEGRATING EQUIPMENT, FINANCING AND SERVICE INTO ONE EXCEPTIONAL PACKAGE.

CASE IH DEALERS HELP YOU MATCH THE RIGHT EQUIPMENT TO YOUR OPERATION FOR MAXIMUM PRODUCTIVITY AND OPTIMUM ROI.

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. And with the Advanced Farming Systems (AFS), you will be able to operate more efficiently, avoiding overlaps and getting more income per acre. Case IH equipment and your dealer's value-added service are the right choices for those who demand more.



OUR SYSTEMS APPROACH

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 and other business operating expenses.

To help you protect valuable assets, CNH Capital provides comprehensive and affordable insurance coverage. You'll work with a dedicated team that specializes in meeting insurance needs specific to the agricultural industry. For more information about how we can support your business, see your local Case IH dealer, call 1-888-264-0107 or visit www.cnhcapital.com.



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.

With the help of your Case IH dealer, you can always find the right combination of equipment, parts and service, as well as the financing support you need to be more productive and successful.

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	165	180	195	210
ENGINE				
Rated PTO	135 hp (100.7 kW)	150 hp (111.9 kW)	165 hp (123 kW)	180 hp (134.2 kW)
Rated full load	2200 rpm	2200 rpm	2200 rpm	2200 rpm
Power growth	35 hp (26.1 kW)	35 hp (26.1 kW)	35 hp (26.1 kW)	25 hp (18.6 kW)
Cylinders/ displacement	6/411 cu. in. (6.75L)	6/411 cu. in. (6.75L)	6/411 cu.in. (6.75L)	6/411 cu.in. (6.75L)
Number of valves	24	24	24	24
Aspiration	Turbocharged/intercooled	Turbocharged/intercooled	Turbocharged/intercooled	Turbocharged/intercooled
ELECTRICAL				
Standard alternator	150 amp/12 volt	150 amp/12 volt	150 amp/12 volt	150 amp/12 volt
Battery capacity (1 battery)	1300 CCA	1300 CCA	1300 CCA	1300 CCA
AXLES				
Standard rear diameter	4.13 in. (105 mm)			
Rear axle length - standard	112 in. (2485 mm)			
Rear axle length - optional	98 in. (2489 mm) or 119 in. (3023 mm)	98 in. (2489 mm) or 119 in. (3023 mm)	98 in. (2489 mm) or 119 in. (3023 mm)	98 in. (2489 mm) or 119 in. (3023 mm)
Suspended front axle option	Optional	Optional	Optional	Optional
MFD tread adjustability	60-88 in. (1524-2235 mm)			
Wheelbase (MFD)	113.6 in. (2884 mm)			
TRANSMISSION				
18-speed full powershift 18F/6R	Standard on MFD	Standard on MFD	Standard on MFD	Standard on MFD
19-speed full powershift 19F/6R	Optional on MFD	Optional on MFD	Optional on MFD	Optional on MFD
17-speed full powershift 17F/6R	Standard on 2WD	Standard on 2WD	Standard on 2WD	NA
Creeper with additional 10F/6R	Optional	Optional	Optional	Optional
PTO - Standard (reversible shaft)	540/1000 rpm, 1.375 in. (34.9 mm)			
PTO - Optional	1000 rpm, 1.75 in. (44.5 mm)			

SPECIFICATIONS

SPECIFICATIONS	165	180	195	210
HYDRAULICS				
Hydraulic type	Closed Center, Pressure Flow Compensating			
Remotes - Std./Opt.	3 or 4 Mechanical, 3 to 5 Electro-hydraulic	3 or 4 Mechanical, 3 to 5 Electro-hydraulic	3 or 4 Mechanical, 3 to 5 Electro-hydraulic	3 or 4 Mechanical, 3 to 5 Electro-hydraulic
Main/Implement pump flow - Std./Opt.	31.7 gpm (120 L/min) / 39.6 gpm (150 L/min)	31.7 gpm (120 L/min) / 39.6 gpm (150 L/min)	31.7 gpm (120 L/min) / 39.6 gpm (150 L/min)	31.7 gpm (120 L/min) / 39.6 gpm (150 L/min)
Steering and services pump flow	17 gpm (66 L/min)			
Total tractor hydraulic flow - Std./Opt.	48.7 gpm (186 L/min) / 56.6 gpm (216 L/min)	48.7 gpm (186 L/min) / 56.6 gpm (216 L/min)	48.7 gpm (186 L/min) / 56.6 gpm (216 L/min)	48.7 gpm (186 L/min) / 56.6 gpm (216 L/min)
3-point hitch category	Cat. II / IIIN			
Standard hitch-lift capacity	12,787 lb. (5800 kg)			
Optional hitch-lift capacity	15,873 lb. (7200 kg)			
CAPACITIES				
Fuel tank	116 U.S. gal. (440 L)			
Engine oil	16 U.S. qt. (15 L)			
Hydraulic fluid	26.5 U.S. gal. (100 L)			
CAB				
Glass	58.7 sq. ft. (5.45 sq m)			
Sound level	70 dBA	70 dBA	70 dBA	70 dBA
SHIPPING WEIGHT				
Std MFD w/ 18.4R42 & front weight bracket	15,708 lb. (7125 kg)			
Height to top of cab, 18.4R42	119.7 in. (3040 mm)			
Height to top of exhaust, 18.4R42	122.6 in. (3114 mm)			



WWW.CASEIH.COM/NA

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.

Case IH is a registered trademark of CNH America LLC. Any trademarks referred to herein, in association with goods and/or services of companies other than CNH America LLC, are the property of those respective companies.

CNH America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

