

PUMA®

150 – 165 TRACTORS

SPECIFICATIONS



MODEL	PUMA 150	PUMA 165	PUMA 150 CVXDRIVE™	PUMA 165 CVXDRIVE
POWER				
Engine Type	Tier 4 B/Final – Stage V			
Engine HP ¹	150	165	150	165
Maximum Engine HP ²	165	180	165	180
Engine Maximum Boosted HP ³	175	189.9	175	189.9
PTO HP ⁴	125	140	125	140
Cylinders/Number of Valves / Displacement	6 cyl./4 valves / 6.7 L (411 cu in.)			
Engine Aspiration	Turbocharged / air to air intercooled			
ELECTRICAL				
Alternator (Standard / Optional)	150 amps / 200 amps			
Battery	12 volt – 1,300 CCA			
TRANSMISSION/PTO				
Transmission (Standard / Option 1 / Option 2)	18F×6R 25 mph (40 kph) PowerDrive / 19F×6R 25 mph (40 kph) PowerDrive/ 19F×6R 30 mph (50 kph) PowerDrive		25 mph (40 kph) (CVXDrive) / 30 mph (50 kph) (CVXDrive) / N/A	
Creep Speeds @ Rated Engine RPM	Minimum target speed – 1,083 feet per hour (.20 mph / .32 kph)		Minimum target speed – 66 feet per hour (0.012 mph / 0.02 kph)	
PTO	540 / 1,000 rpm 1½ in. reversible shaft			
AXLES				
Standard Rear Axle	Flange – 8 studs			
Bar Axle Diameter	3.625 in. (92 mm)			
Rear Axle Lengths (Standard / Optional)	98 in. (2,489 mm) / 112 in. (2,845 mm)			
Suspended Front Axle	Optional			
Rear Axle Tread Adjustability	60.2 in. – 88 in. (1,528 – 2,235 mm)			
MFD Tread Adjustability	61.4 in. – 88.8 in. (1,560 – 2,256 mm)			
Wheelbase (Standard / Optional)	107.6 in. (2,734 mm) / 109.8 in. (2,789 mm) suspended front axle			
HYDRAULICS/HITCH				
System Type	Closed center, Pressure Flow Compensating (PFC)			
Remotes (Standard / Optional)	3 mechanical / 4 mechanical – 3, 4 or 5 electrohydraulic			
Main Implement Pump Max Flow ⁵	29 gpm (110 L/min.) / 39.6 gpm (150 L/min.) Optional		37 gpm (140 L/min.) / 42 gpm (160 L/min.)	
Steering-Secondary Pump	17 gpm (65 L/min.)			
Max Flow Available @ One Remote	25 gpm (95 L/min.) mechanical / 26.5 gpm (100 L/min.) electronic			
Rear 3-point Hitch Category (Standard / Optional)	Cat II / Cat II-IIIN			
Rear Hitch Lift Capacity (Max)	11,821 lb. (5,362 kg) / 14,576 lb. (6,612 kg) – (90 mm – Standard / 100 mm – Optional) ⁷			
Front Hitch Shaft Size and PTO Speed	1½ in. (85 mm), 6-spline, 1,000 rpm @ 1,895 engine rpm			
Mid-Mount Valve	2 or 3 Function			
CAPACITIES				
Standard Fuel Tank	87.1 gal. (330 L)			
Diesel Exhaust Fluid (DEF) Tank	15 gal. (57 L)			
Engine Oil with Filter	18.5 qt. (17.5 L)			
Hydraulic Fluid	20.6 gal. (78 L)		17.9 gal. (68 L)	
CAB				
Cab Suspension	Optional			
Glass Area / Cab Sound Level	63.2 sq. ft. (5.9 m ²) / 70 dBA			
WEIGHT				
Average Standard Weight ⁶ w/Standard Front Axle	13,900 lb. (6,305 kg)		14,500 lb. (6,577 kg)	

¹Rated 2,100 rpm ISO per ECE R120 (CV) ²1,800 rpm ISO per ECE R120 (CV) ³1,800 rpm ISO per ECE R120 (CV) – Power boost available during mobile PTO/hydraulics/transport operation

⁴Rated 2,100 rpm per SAE per ECE R120 (CV) – 2,200 rpm for road transport and hydraulic work, limited @ 2,100 rpm for PTO and low range transport ⁵2,200 rpm for road transport and hydraulic work, limited @ 2,100 rpm for PTO and low range transport

⁶Average Standard Weight is based on the standard tractor, w/18.4R42 and front weight bracket without operator and minimum fuel. ⁷Max. Lift Capacity 610mm back through whole lift

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PUMA®

185 – 240 TRACTORS

SPECIFICATIONS



POWER, PERFORMANCE AND PRODUCTIVITY IN A MID-SIZE TRACTOR.

The Puma series is an efficient, multipurpose tractor line **designed with the right size and power** to handle a variety of applications, from livestock to row crop operations. Case IH continues its legacy of delivering efficiency, productivity and innovation with the latest Puma tractor enhancements for Model Year 2021. These new features include **updated styling, better serviceability and enhanced operator comfort.**



NEW CASE IH STYLING.

All Model Year 2021 Puma 185, 200, 220 and 240 tractors feature a **redesigned hood** with the latest Case IH family styling.



LOW-MOUNTED FRONT WIPER.

The front wiper arm sits lower on the window and out of the operator's view in the resting position. And, it has a larger coverage area, **providing maximum visibility** in any conditions.



IN-CAB COOL BOX.

The storage compartment in front of the steering column is now covered and surrounded by cool air. This allows food and drinks to be kept cool throughout the day for **enhanced operator comfort.**

IMPROVED LIGHTING.

Two new halogen hood lights and enhanced LED work lights provide a **uniformly lit work area**, giving operators better nighttime visibility and reduced eye strain.

LIGHTS	STANDARD PACKAGE	14 LED PACKAGE	20 LED PACKAGE
Roof Mounted	8 LED	10 LED	10 LED
Front Grab Rail		2 LED	2 LED
Rear Post		2 LED	2 LED
Grill Work Lights	4 Halogen	6 Halogen	6 LED
Grill Head Lights	2 Halogen	2 Halogen	2 Halogen
LED Signature Stripe	No	No	Yes





EXTENDED SERVICE INTERVALS.

Model Year 2021 long wheel base (LWB) Puma tractors feature the latest **Case IH emissions technology** for longer service intervals—**750 hours** for engine oil and **1,500 hours** for transmission fluid—resulting in reduced downtime and lower maintenance costs.

SERVICE INTERVALS	NEW	PREVIOUS
Engine Oil	750 hours	600 hours
Transmission Oil	1,500 hours	1,200 hours



MODEL	PUMA 185	PUMA 200	PUMA 220	PUMA 185 CVXDRIVE	PUMA 200 CVXDRIVE	PUMA 220 CVXDRIVE	PUMA 240 CVXDRIVE
POWER							
Engine Type	Tier 4 B/Final – Stage V						
Engine HP at Rated 2,100 rpm ISO per ECE R120 (CV)	180	200	220	180	200	220	240
Maximum Engine HP at 1,800 rpm ISO per ECE R120 (CV)	200	220	240	200	220	240	260
Engine Maximum Boosted* HP at 1,800 rpm ISO per ECE R120 (CV)	225	245	260	225	245	260	270
PTO HP at Rated 2,100 rpm† per SAE	150	170	190	150	170	190	210
Cylinders / Number of Valves / Displacement	6 cyl / 4 valves / 6.7 L (411 cu in.)						
Engine Aspiration	Turbocharged / air to air intercooled						
ELECTRICAL							
Alternator (Standard/Optional)	150 amps / 200 amps						
Battery	12 volt – 1,300 CCA						
TRANSMISSION/PTO							
Transmission (Standard / Option 1 / Option 2)	18F × 6R 25 mph (40 kph) PowerDrive / 19F × 6R 25 mph (40 kph) PowerDrive / 19F × 6R 30 mph (50 kph) PowerDrive			25 mph (40 kph) continuously variable transmission (CVXDrive) / 30 mph (50 kph) continuously variable transmission (CVXDrive) / N/A			
Creeper Speeds @ Rated Engine RPM	Minimum target speed – 740 feet per hour (0.14 mph / 0.022 kph)			Minimum target speed – 98 feet per hour (0.018 mph – 0.03 kph)			
PTO (Standard / Optional)	540 / 1,000 rpm 1½ in. interchangeable shafts / 1,000 – 1,000E electronic shifttable & 540E / 1,000 interchangeable shafts						
AXLES							
Standard Rear Axle	112 in. (2845 mm)						
Bar Axle Diameter	4.125 in. (105 mm)						
Rear Axle Lengths (Standard / Optional)	112 in. (2845 mm) / 119 in. (3022 mm)						
Suspended Front Axle	Optional						
Rear Axle Tread Adjustability	60.2 in. – 88 in. (1528 – 2235 mm)						
MFD Tread Adjustability	61.4 in. – 89 in. (1560 – 2258 mm)						
Wheelbase	113.6 in. (2884 mm)						
HYDRAULICS/HITCH							
System Type	Closed center, Pressure Flow Compensating (PFC)						
Remotes (Standard / Optional)	4 mechanical – 3, 4 or 5 electrohydraulic			3 electrohydraulic / 4 or 5 electrohydraulic			
Main Implement Pump Max Flow† (Standard / Optional)	31.7 gpm (120 L/min.) / 39.6 gpm (150 L/min.)			39.6 gpm (150 L/min.) / 44.9 gpm (170 L/min.)			
Steering-Secondary Pump	17 gpm (65 L/min.)						
Standard Tractor Hydraulic Total Flow	46.8 gpm (178 L/min.)			56.6 gpm (214 L/min.)			
Max Flow Available @ One Remote (Mechanical / Electronic)	25 gpm (95 L/min.) - mechanical / 29 gpm (110 L/min.) - electronic			29 gpm (110 L/min.) - electronic			
Rear 3-point Hitch Category (Standard / Optional)	Cat II / IIIN						
Rear Hitch Lift Capacity (Max) (90 mm Standard / 100 mm Optional / 110 mm Optional)	9,450 lb. (4286 kg) / 12,000 lbs. (5400 kg) / 14,500 lb. (6500 kg)						
Front Hitch Shaft Size and PTO Speed	1½ in. (85 mm), 6-spline, 1,000 rpm @ 1,895 engine rpm						
Mid-Mount Valve (Optional)	2 or 3 Function						
CAPACITIES							
Standard Fuel Tank	104.3 gal. (395 L)						
Diesel Exhaust Fluid (DEF) Tank	15 gal. (57 L)						
Engine Oil with Filter	16 U.S. qt. (15 L)						
Hydraulic Fluid	22 U.S. gal. (82 L)						
CAB							
Cab Suspension	Optional						
Glass Area / Cab Sound Level	63.2 sq. ft. (5.9 m²) / 70 dBa						
WEIGHT							
Average Standard Weight†† lb. (kg) w/Standard Front Axle	15,900 lb. (7212 kg)			16,800 lb. (7620 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/18.4R42 and front weight bracket without operator and minimum fuel.

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