

PUMA® 150–240 SERIES TRACTOR SPECIFICATIONS



PUMA SERIES SPECIFICATIONS	PUMA 150	PUMA 165	PUMA 150 CVT	PUMA 165 CVT
POWER				
Type	Tier 4 B/Final with SCR-only technology (Selective Catalytic Reduction)			
Engine HP at Rated 2,200 rpm ISO per ECE R120 (CV)	150	165	150	165
Maximum Engine HP at 1,800 rpm ISO per ECE R120 (CV)	165	180	165	180
Engine Power Boost*	Up to 20 additional engine hp @ 2,200 rpm (rated speed)			
Engine Maximum Boosted HP at 1,800 rpm ISO per ECE R120 (CV)	190	210	190	210
PTO HP at Rated 2,100 rpm [†] per SAE	125	140	125	140
Cylinders/Displacement	6 cyl/6.7 L (411 cu in.)			
Number of Valves	24			
Aspiration	Cross-flow aspiration/turbocharged			
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) full powershift/ 19F×6R 25 mph (40 kph) economy full powershift/ 19F×6R 30 mph (50 kph) full powershift		25 mph (40 kph) continuously variable transmission (CVT)/ 30 mph (50 kph) continuously variable transmission (CVT)/ N/A	
Creep Speeds @ Rated Engine RPM	Minimum target speed-1,083 feet per hour (.20 mph/.33 kph)		Minimum target speed-66 feet per hour (0.012 mph/0.02 kph)	
PTO	540/1,000 rpm 1.375 in. reversible shaft			
AXLES				
Standard Rear Axle	Flange-8 studs			
Bar Axle Diameter	3.625 in. (92mm)			
Rear Axle Lengths (Standard/Optional)	98 in. (2489 mm)/112 in. (2845 mm)			
Suspended Front Axle	Optional			
Rear Axle Tread Adjustability	60.2 in.-88 in. (1528-2235 mm)			
MFD Tread Adjustability	61.4 in.-88.8 in. (1560-2256 mm)			
Wheelbase (Standard/Optional)	107.6 in. (2734 mm)/109.8 in. (2789 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 [†]	29.8 gpm (113 L/min.)		33 gpm (125 L/min.)-standard/37 gpm (140 L/min.)-optional	
Steering-Secondary Pump	17 gpm (65 L/min.)			
Standard Tractor Hydraulic Total Flow	46.8 gpm (178 L/min.)		50 gpm (190 L/min.)	
Max Flow Available @ One Remote (Mechanical/Electronic)	25 gpm (95 L/min.)/26.5 gpm (100 L/min.)			
3-point Hitch Category (Standard/Optional)	Cat II/Cat II-IIIIN			
Hitch Lift Capacity (90 mm Standard/100 mm Optional)	8,050 lbs. (3651 kg)/9,250 lbs. (4195 kg)			
Mid-Mount Valve	2 or 3 Function			
CAPACITIES				
Standard Fuel Tank/Auxiliary Tank	71 gal. (270 L)/16 gal. (60 L) auxiliary			
Diesel Exhaust Fluid (DEF) Tank	12.7 gal. (48 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 m ²)			
Cab Sound Level	71 dBa			
WEIGHT				
Average Standard Weight ^{††} lb. (kg) w/ Standard Front Axle	13,900 lbs. (6305 kg)		14,500 lbs. (6577 kg)	

*Power boost available during mobile PTO/hydraulics/transport operation.

[†]2200 rpm for road transport and hydraulic work, limited @ 2100 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.

PUMA SERIES SPECIFICATIONS	PUMA 185	PUMA 200	PUMA 220	PUMA 185 CVT	PUMA 200 CVT	PUMA 220 CVT	PUMA 240 CVT
POWER							
Type	Tier 4 B/Final with SCR-only technology (Selective Catalytic Reduction)						
Engine HP at Rated 2,200 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 Power Boost*	Up to 20 additional engine hp @ 2,200 rpm (rated speed)						
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/Displacement	6 cyl/6.7 L (411 cu in.)						
Number of Valves	24						
Aspiration	Cross-flow aspiration/turbocharged						
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) full powershift/ 19F×6R 25 mph (40 kph) economy full powershift/ 19F×6R 30 mph (50 kph) full powershift			25 mph (40 kph) continuously variable transmission (CVT)/ 30 mph (50 kph) continuously variable transmission (CVT)/ 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 1⅜ 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 (Standard/Optional)	4.125 in. (105 mm)						
Rear Axle Lengths (Standard/Optional)	98 in. (2489 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)	3 mechanical/4 mechanical-3/4/5 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	25 gpm (95 L/min.)-mechanical/26.5 gpm (100 L/min.)-electronic			29 gpm (110 L/min.)-electronic			
3-point Hitch Category (Standard/Optional)	Cat II/IIIN						
Hitch Lift Capacity (90 mm Standard/110 mm Optional)	9450 lbs. (4286 kg)/15,000 lb. (6804 kg)						
Optional Mid-Mount Valve	2 or 3 Function						
CAPACITIES							
Fuel Tank	103 gal. (390 L)						
Diesel Exhaust Fluid (DEF) Tank	12.7 gal. (48 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 - Including Optional Hi-Vis Roof	63.2 sq. ft. (5.9 m ²)						
Cab Sound Level	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.

†2200 rpm for road transport and hydraulic work, limited @ 2100 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.



Case IH Puma series tractors deliver big tractor power, technology, comfort and performance with mid-size tractor versatility. With engine horsepower ranging from 150 to 240, they are ready for any task on your list – from loader to hay tools to row crop work.



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