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	
Creeper 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 1⅜ 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	1⅜ 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 m²) / 70 dBa			
WEIGHT				
Average Standard Weight[6] w/Standard Front Axle	13,900 lb. (6 305 kg)		14,500 lb. (6 577 kg)	

[1]Rated 2,100 rpm ISO per ECE R120 (CV) [2]1,800 rpm ISO per ECE R120 (CV) [3]1,800 rpm ISO per ECE R120 (CV) – Power boost available during mobile PTO/hydraulics/transport operation
[4]Rated 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 [5]2,200 rpm for road transport and hydraulic work, limited @ 2,100 rpm for PTO and low range transport
[6]Average Standard Weight is based on the standard tractor, w/18.4R42 and front weight bracket without operator and minimum fuel. [7]Max. Lift Capacity 610mm back through whole lift

SAFETY NEVER HURTS!™ Always read the Operators 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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