

PUMA™ SERIES TRACTOR Specifications



Models Puma 115, Puma 125, Puma 140 & Puma 155

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)	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)
Number of valves	24	24	24	24
Aspiration	Turbocharged and Air to Air	Turbocharged and Air to Air	Turbocharged and Air to Air	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
Creeper with additional 10F/6R	Optional	Optional	Optional	Optional
PTO - Standard	540/1000 rpm, 1-3/8 in. (35 mm)	540/1000 rpm, 1-3/8 in. (35 mm)	540/1000 rpm, 1-3/8 in. (35 mm)	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)	3-5/8 in. (92 mm)	3-5/8 in. (92 mm)	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)	61.8 - 89.2 in. (1570-2266 mm)	61.8 - 89.2 in. (1570-2266 mm)	61.8 - 89.2 in. (1570-2266 mm)
Wheelbase – standard front axle	107.8 in. (2739 mm)	107.8 in. (2739 mm)	107.8 in. (2739 mm)	107.8 in. (2739 mm)
Wheelbase – suspended front axle	109.7 in. (2786 mm)	109.7 in. (2786 mm)	109.7 in. (2786 mm)	109.7 in. (2786 mm)
HYDRAULICS				
Hydraulic type	Closed Center, Pressure Flow Compensating	Closed Center, Pressure Flow Compensating	Closed Center, Pressure Flow Compensating	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)	17 gpm (65 l/min)	17 gpm (65 l/min)	17 gpm (65 l/min)
Tractor hydraulic total flow	43.7 gpm (165 l/min)	43.7 gpm (165 l/min)	43.7 gpm (165 l/min)	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 lb. (5527 kg)	12,185 lb. (5527 kg)	12,185 lb. (5527 kg)	12,185 lb. (5527 kg)
Optional hitch capacity - 100 mm ext. cylinders	15,197 lb. (6893 kg)	15,197 lb. (6893 kg)	15,197 lb. (6893 kg)	15,197 lb. (6893 kg)
CAPACITIES				
Fuel tank	79 U.S. gal. (300 L)	79 U.S. gal. (300 L)	79 U.S. gal. (300 L)	79 U.S. gal. (300 L)
Engine oil	16 U.S. qt. (15 L)	16 U.S. qt. (15 L)	16 U.S. qt. (15 L)	16 U.S. qt. (15 L)
Hydraulic fluid	19.6 U.S. gal. (75 L)	19.6 U.S. gal. (75 L)	19.6 U.S. gal. (75 L)	19.6 U.S. gal. (75 L)
CAB				
Glass	58.7 sq. ft. (5.45 m ²)	58.7 sq. ft. (5.45 m ²)	58.7 sq. ft. (5.45 m ²)	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 lb. (6000 kg)	13,228 lb. (6000 kg)	13,228 lb. (6000 kg)	13,669 lb. (6200 kg)
Height to top of cab, 18.4R38	118.3 in. (3005 mm)	118.3 in. (3005 mm)	118.3 in (3005 mm)	118.3 in. (3005 mm)

* Available during mobile PTO and transport applications.

PUMA™ SERIES TRACTOR Specifications



Models Puma 165, Puma 180, Puma 195 & Puma 210

MODELS	Puma 165	Puma 180	Puma 195	Puma 210
ENGINE				
PTO Horsepower at Rated RPM	135 hp @ 2,200 rpm	150 hp @ 2,200 rpm	165 hp @ 2,200 rpm	180 hp @ 2,200 rpm
Power Boost*	35 hp*	35 hp*	35 hp*	25 hp*
Cylinders/displacement	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)
Number of valves	24	24	24	24
Aspiration	Turbocharged/intercooled	Turbocharged/intercooled	Turbocharged/intercooled	Turbocharged/intercooled
Biodiesel Fuel	Up to 100% (B100)**	Up to 100% (B100)**	Up to 100% (B100)**	Up to 100% (B100)**
ELECTRICAL				
Alternator – Standard/Optional	150 / 200 amp	150 / 200 amp	150 / 200 amp	150 / 200 amp
Battery capacity	1300 CCA	1300 CCA	1300 CCA	1300 CCA
TRANSMISSION				
18 speed full power shift 18Fx6R	Standard	Standard	Standard	Standard
19 speed full power shift 19Fx6R with 19th Economy Gear (25 mph/40 kph)	Optional	Optional	Optional	Optional
19 speed full power shift 19Fx6R (30 mph/50 kph)	Optional	Optional	Optional	Optional
Creep speeds with additional 10Fx6R	Optional	Optional	Optional	Optional
PTO - Standard (interchangeable shafts)	540/1000 rpm 1-3/8 in. shafts	540/1000 rpm 1-3/8 in. shafts	540/1000 rpm 1-3/8 in. shafts	540/1000 rpm 1-3/8 in. shafts
PTO - Optional	1000 rpm 1-3/4 in. shaft	1000 rpm 1-3/4 in. shaft	1000 rpm 1-3/4 in. shaft	1000 rpm 1-3/4 in. shaft
AXLE				
Standard rear diameter	4-1/8 in. (105 mm)	4-1/8 in. (105 mm)	4-1/8 in. (105 mm)	4-1/8 in. (105 mm)
Rear axle length - Standard	112 in. (2485 mm)	112 in. (2485 mm)	112 in. (2485 mm)	112 in. (2485 mm)
Rear axle length - Optional	98 in. (2489 mm) or 119 in. (3020 mm)	98 in. (2489 mm) or 119 in. (3020 mm)	98 in. (2489 mm) or 119 in. (3020 mm)	98 in. (2489 mm) or 119 in. (3020 mm)
Suspended front axle	Optional	Optional	Optional	Optional
Front axle tread adjustability	60 - 88 in. (1524-2235 mm)	60 - 88 in. (1524-2235 mm)	60 - 88 in. (1524-2235 mm)	60 - 88 in. (1524-2235 mm)
Wheelbase	113.6 in. (2884 mm)	113.6 in. (2884 mm)	113.6 in. (2884 mm)	113.6 in. (2884 mm)
HYDRAULICS				
Hydraulic type	Pressure-flow compensating (PFC)	Pressure-flow compensating (PFC)	Pressure-flow compensating (PFC)	Pressure-flow compensating (PFC)
Remotes - Standard/Optional	3/4 mechanical, or 3/4/5 Electro-hydraulic	3/4 mechanical, or 3/4/5 Electro-hydraulic	3/4 mechanical, or 3/4/5 Electro-hydraulic	3/4 mechanical, or 3/4/5 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)	17 gpm (66 L/min)	17 gpm (66 L/min)	17 gpm (66 L/min)
Total Tractor Flow - Standard/Optional	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	II/IIIN	II/IIIN	II/IIIN	II/IIIN
Standard hitch capacity	12,787 lb. (5800 kg)	12,787 lb. (5800 kg)	12,787 lb. (5800 kg)	12,787 lb. (5800 kg)
Optional hitch capacity	15,873 lb. (7200 kg)	15,873 lb. (7200 kg)	15,873 lb. (7200 kg)	15,873 lb. (7200 kg)
CAPACITIES				
Fuel tank	107 gal. (405 L)	107 gal. (405 L)	107 gal. (405 L)	107 gal. (405 L)
CAB				
Glass	58.7 sq.ft. (5.45 m ²)	58.7 sq.ft. (5.45 m ²)	58.7 sq.ft. (5.45 m ²)	58.7 sq.ft. (5.45 m ²)
Sound Level	70 dBA	70 dBA	70 dBA	70 dBA
SHIPPING WEIGHTS & DIMENSIONS				
Standard MFD w/18.4R42 and front weight bracket	15,708 lb. (7125 kg)	15,708 lb. (7125 kg)	15,708 lb. (7125 kg)	15,708 lb. (7125 kg)
Height to top of cab, 18.4R42	119.7 in. (3040 mm)	119.7 in. (3040 mm)	119.7 in. (3040 mm)	119.7 in. (3040 mm)
Height to top of exhaust, 18.4R42	122.6 in. (3114 mm)	122.6 in. (3114 mm)	122.6 in. (3114 mm)	122.6 in. (3114 mm)

* Additional available HP during mobile PTO/hydraulics operation, or 16th gear & higher.

** With approved Case IH maintenance practices.

PUMA™ SERIES TRACTOR Specifications



Models Puma 165 CVT, Puma 180 CVT, Puma 195 CVT, Puma 210 CVT & Puma 225 CVT

MODELS	Puma 165 CVT	Puma 180 CVT	Puma 195 CVT	Puma 210 CVT	Puma 225 CVT
ENGINE					
PTO Horsepower at Rated RPM	135 PTO hp @ 2,200 rpm	150 PTO hp @ 2,200 rpm	165 PTO hp @ 2,200 rpm	180 PTO hp @ 2,200 rpm	195 PTO hp @ 2,200 rpm
Power Boost*	35 hp*	35 hp*	35 hp*	25 hp*	25 hp*
Cylinders/displacement	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)	6/411 cu. in. (6.75 L)
Number of valves	24	24	24	24	24
Aspiration	Turbocharged/intercooled	Turbocharged/intercooled	Turbocharged/intercooled	Turbocharged/intercooled	Turbocharged/intercooled
Biodiesel Fuel	Up to 100% (B100)**	Up to 100% (B100)**	Up to 100% (B100)**	Up to 100% (B100)**	Up to 100% (B100)**
ELECTRICAL					
Alternator Std./Optional	150 / 200 amp	150 / 200 amp	150 / 200 amp	150 / 200 amp	150 / 200 amp
Battery capacity	1300 CCA	1300 CCA	1300 CCA	1300 CCA	1300 CCA
TRANSMISSION					
25mph (40kph) CVT Transmission w/ Economy Transport Gear	Standard	Standard	Standard	Standard	Standard
30mph (50kph) CVT Transmission w/ Economy Transport Mode	Optional	Optional	Optional	Optional	Optional
Creeper speeds	Standard	Standard	Standard	Standard	Standard
PTO	1000/1000E Shiftable	1000/1000E Shiftable	1000/1000E Shiftable	1000/1000E Shiftable	1000/1000E Shiftable
AXLE					
Standard rear diameter	4-1/8 in. (105 mm)	4-1/8 in. (105 mm)	4-1/8 in. (105 mm)	4-1/8 in. (105 mm)	4-1/8 in. (105 mm)
Rear axle length - Standard	112 in. (2485 mm)	112 in. (2485 mm)	112 in. (2485 mm)	112 in. (2485 mm)	112 in. (2485 mm)
Rear axle length - Optional	98 or 119 in. (2489 or 3020 mm)	98 or 119 in. (2489 or 3020 mm)	98 or 119 in. (2489 or 3020 mm)	98 or 119 in. (2489 or 3020 mm)	98 or 119 in. (2489 or 3020 mm)
Suspended front axle	Optional	Optional	Optional	Optional	Optional
Front axle tread adjustability	60 - 88 in. (1524-2235 mm)	60 - 88 in. (1524-2235 mm)	60 - 88 in. (1524-2235 mm)	60 - 88 in. (1524-2235 mm)	60 - 88 in. (1524-2235 mm)
Wheelbase	113.6 in. (2884 mm)	113.6 in. (2884 mm)	113.6 in. (2884 mm)	113.6 in. (2884 mm)	113.6 in. (2884 mm)
HYDRAULICS					
Hydraulic type	Pressure-flow compensating (PFC)	Pressure-flow compensating (PFC)	Pressure-flow compensating (PFC)	Pressure-flow compensating (PFC)	Pressure-flow compensating (PFC)
Remotes - Standard/Optional	3/4/5 Electro-hydraulic	3/4/5 Electro-hydraulic	3/4/5 Electro-hydraulic	3/4/5 Electro-hydraulic	3/4/5 Electro-hydraulic
Main/Implement pump flow - Standard/Optional	39.6 gpm (150 L/min) / 45 gpm (170 L/min)	39.6 gpm (150 L/min) / 45 gpm (170 L/min)	39.6 gpm (150 L/min) / 45 gpm (170 L/min)	39.6 gpm (150 L/min) / 45 gpm (170 L/min)	39.6 gpm (150 L/min) / 45 gpm (170 L/min)
Steering and services pump flow	17 gpm (66 L/min)	17 gpm (66 L/min)	17 gpm (66 L/min)	17 gpm (66 L/min)	17 gpm (66 L/min)
Total Tractor Flow - Standard/Optional	56.6 gpm (216 L/min) / 62 gpm (233 L/min)	56.6 gpm (216 L/min) / 62 gpm (233 L/min)	56.6 gpm (216 L/min) / 62 gpm (233 L/min)	56.6 gpm (216 L/min) / 62 gpm (233 L/min)	56.6 gpm (216 L/min) / 62 gpm (233 L/min)
3-point hitch category	II/IIIN	II/IIIN	II/IIIN	II/IIIN	II/IIIN
Standard hitch capacity	12,787 lb. (5800 kg)	12,787 lb. (5800 kg)	12,787 lb. (5800 kg)	12,787 lb. (5800 kg)	12,787 lb. (5800 kg)
Optional hitch capacity	15,873 lb. (7200 kg)	15,873 lb. (7200 kg)	15,873 lb. (7200 kg)	15,873 lb. (7200 kg)	15,873 lb. (7200 kg)
CAPACITIES					
Fuel tank	107 gal. (405 L)	107 gal. (405 L)	107 gal. (405 L)	107 gal. (405 L)	107 gal. (405 L)
CAB					
Glass	58.7 sq. ft. (5.45 m ²)	58.7 sq. ft. (5.45 m ²)	58.7 sq. ft. (5.45 m ²)	58.7 sq. ft. (5.45 m ²)	58.7 sq. ft. (5.45 m ²)
Sound Level	70 dBA	70 dBA	70 dBA	70 dBA	70 dBA
SHIPPING WEIGHTS & DIMENSIONS					
Standard MFD w/18.4R42 and front weight bracket	16,500 lb. (7500 kg)	16,500 lb. (7500 kg)	16,500 lb. (7500 kg)	16,500 lb. (7500 kg)	16,500 lb. (7500 kg)
Height to top of cab, 18.4R42	119.7 in. (3040 mm)	119.7 in. (3040 mm)	119.7 in. (3040 mm)	119.7 in. (3040 mm)	119.7 in. (3040 mm)
Height to top of exhaust, 18.4R42	122.6 in. (3114 mm)	122.6 in. (3114 mm)	122.6 in. (3114 mm)	122.6 in. (3114 mm)	122.6 in. (3114 mm)

* Additional available HP during mobile PTO/hydraulics operation, or 16th gear & higher.

** With approved Case IH maintenance practices.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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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.