

SPECIFICATIONS

MODELS	PUMA 130	PUMA 145	PUMA 160	PUMA 170	PUMA 185	PUMA 200	PUMA 215
ENGINE							
Number of cylinders / type	6 turbo, intercooled, Tier 4a						
Capacity (litres)	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Bore x stroke mm	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132
Maximum power ECE R120 ³⁾ Power Management (kW/hp(CV))	126 / 171	138 / 188	149 / 203	160 / 218	172 / 234	184 / 250	191 / 260
Maximum power ECE R120 ³⁾ (kW/hp(CV))	108 / 147	120 / 163	129 / 175	138 / 188	149 / 203	160 / 218	172 / 234
... at engine speed (rpm)	1800 - 1900	1800 - 1900	1800 - 1900	1900 - 2000	1900 - 2000	1900 - 2000	1900 - 2000
Rated power ECE R120 ³⁾ Power Management (kW/hp(CV))	118 / 160	129 / 175	140 / 190	151 / 205	162 / 220	173 / 235	181 / 246
Rated power ECE R120 ³⁾ (kW/hp(CV))	96 / 131	107 / 146	118 / 160	123 / 167	136 / 185	147 / 200	158 / 215
Rated engine speed (rpm)	2200	2200	2200	2200	2200	2200	2200
Maximum torque - Power Management (Nm @ 1500 rpm)	741	810	866	906	1019	1082	1120
Maximum torque (Nm @ 1500 rpm)	633	700	766	825	862	927	995
Torque rise Standard / Power Management (%)	52 / 45	50 / 45	50 / 42	54 / 47	46 / 45	45 / 44	45 / 43
Fuel tank, standard/optional/urea (litres)	270/330/48	270/330/48	330/-/48	395/-/48	395/-/48	395/-/48	395/-/48
TRANSMISSION							
18x6 Semi- / Full Powershift 40 kph	○ / ●	○ / ●	○ / ●	- / ●	- / ●	- / ●	- / ●
19x6 Semi- / Full Powershift Economy 40 kph @ reduced rpm	○ / ○	○ / ○	○ / ○	- / ○	- / ○	- / ○	- / ○
19x6 Semi- / Full Powershift 50 kph	○ / ○	○ / ○	○ / ○	- / ○	- / ○	- / ○	- / ○
Powershuttle	●	●	●	●	●	●	●
Creeper	○	○	○	○	○	○	○
Rear axle diff-lock type	Multi disc wet plate with management system						
Service brake	Hydraulically operated multiple wet disc brake, self adjusting						
FOUR-WHEEL DRIVE AND STEERING							
Type	Electro-hydraulic with management system						
Active front axle suspension	○	○	○	○ Active	○ Active	○ Active	○ Active
Steering angle (°)	55	55	55	55	55	55	55
Min. turning radius ¹⁾ track setting 1829 mm (m)	5.45	5.45	5.45	6.1	6.1	6.1	6.1
POWER TAKE OFF							
Type	Electro-hydraulic with Auto PTO control available						
Speeds Standard / Option (rpm)	540/540E/1000 or 540E/1000/1000E (both with optional ground drive)			540E/1000 or 1000/1000E or 540/540E/1000/1000E			
Engine speeds Standard / Option (rpm)	1969/1546/1893 or 1592/1893/1621			1569/1893 or 1893/1700 or 1931/1598/1912/1583			
Shaft type	1 3/8" 21 splines / 1 3/8" 6 splines			1 3/8" 21 splines / 1 3/8" 6 splines / 1 3/4" 20 splines			
Front PTO with 1000 rpm @ 1895 engine rpm	○	○	○	○	○	○	○

MODELS	PUMA 130	PUMA 145	PUMA 160	PUMA 170	PUMA 185	PUMA 200	PUMA 215
HYDRAULIC SYSTEM							
Max. pump flow Std/Opt and system type main hydraulic (l/min)	113 PFC / -	113 PFC / -	113 PFC / -	113 PFC / -	120/150 PFC	120/150 PFC	120/150 PFC
System pressure (bar)	210	210	210	215	215	215	215
Control type	EHC with ride control						
Max. lift capacity (kg)	8257	8257	8257	10460	10460	10460	10460
Max. number of remote valves mechanical / electronic	4 / 4	4 / 4	4 / 4	- / 5	- / 5	- / 5	- / 5
Max. number of mid mount valves with electronic joystick	3 electr.	3 electr.	3 electr.	4 electr.	4 electr.	4 electr.	4 electr.
Category type	Cat II / III	Cat II / III	Cat II / III	Cat. III	Cat. III	Cat. III	Cat. III
Front hitch lift capacity (kg)	3568	3568	3568	3785	3785	3785	3785
WEIGHT							
Minimum weight (kg)	5750	5750	5950	7300	7300	7300	7300
Permissible total weight (kg)	10500	10500	10500	13000	13000	13000	13000
Max. permissible weight front (kg)	4900	4900	4900	6000	6000	6000	6000
Max. permissible weight rear (kg)	7300	7300	7800	9500	9500	9500	9500
DIMENSIONS ¹⁾							
A: Total length (mm)	4719	4719	4719	5017	5017	5017	5017
B: Total height (mm)	3070	3070	3070	3090	3090	3090	3090
C: Total width (across rear fenders with 150 mm extension) (mm)	2470	2470	2470	2682	2682	2682	2682
D: Wheel base (mm)	2789	2789	2789	2884	2884	2884	2884
E: Height at centre of rear axle, highest point (mm)	2215	2215	2215	2239	2239	2239	2239
F: Track setting front (mm)	1325 / 2285	1325 / 2285	1325 / 2285	1538 / 2260	1538 / 2260	1538 / 2260	1538 / 2260
rear (mm)	1430 / 2230	1430 / 2230	1430 / 2230	1530 / 2230	1530 / 2230	1530 / 2230	1530 / 2230
STANDARD TYRES ²⁾							
Front	480/70 R28	480/70 R28	480/70 R28	600/65 R28	600/65 R28	600/65 R28	600/65 R28
Rear	580/70 R38	580/70 R38	580/70 R38	650/65 R42	650/65 R42	650/65 R42	650/65 R42

● Standard Equipment ○ Optional Equipment - Not Available ¹⁾ With standard tyres ²⁾ Other tyres on request ³⁾ ECE R120 correspond to ISO 14396 and 97/68/EC

DIMENSIONS

