

CASE IH
AGRICULTURE
FOR THOSE WHO DEMAND MORE

PUMA

140 - 225 HP TRACTORS



MODELS	PUMA 140	PUMA 155	PUMA 180	PUMA 210	Puma 180 CVT	PUMA 225 CVT
ENGINE						
Number of cylinders / type	6 / turbocharged and intercooled					
Capacity (litres)	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
Rated power ECE R120 ¹⁾ (kW/hp(CV))	104 / 142	116 / 158	134 / 182	157 / 213	134 / 182	165 / 224
Rated power ECE R120 ¹⁾ Power Management ²⁾ (kW/hp(CV))	123 / 167	135 / 183	160 / 218	175 / 238	160 / 218	181 / 247
Rated engine speed (rpm)	2200	2200	2200	2200	2200	2200
Maximum power ECE R120 ¹⁾ (kW/hp(CV))	112 / 152	124 / 169	147 / 200	164 / 223	147 / 200	169 / 230
Maximum power ECE R120 ¹⁾ Power Management ²⁾ (kW/hp(CV))	131 / 178	142 / 193	172 / 234	178 / 242	172 / 234	185 / 251
... at engine speed (rpm)	1900 - 2000	1900 - 2000	1900 - 2000	1900 - 2000	1900 - 2000	1800
Maximum torque (Nm/rpm)	643 / 1400	690 / 1400	844 / 1400	866 / 1400	844 / 1400	950 / 1400
Maximum torque - Power Management ²⁾ (Nm/rpm)	678 / 1600	748 / 1600	938 / 1600	984 / 1600	938 / 1600	1025 / 1500
Torque rise Standard / Power Management ²⁾ (%)	42 / 27	37 / 28	45 / 35	27 / 30	45 / 35	32 / 30
Fuel tank (litres)	300	300	410	410	410	410
TRANSMISSION						
18x6 Semi- / Full Powershift 40 kph	○/●	○/●	-/●	-/●	-/-	-/-
19x6 Semi- / Full Powershift Economy 40 kph @ reduced rpm	○/○	○/○	-/○	-/○	-/-	-/-
19x6 Semi- / Full Powershift 50 kph	○/○	○/○	-/○	-/○	-/-	-/-
CVT 40 kph Economy @ reduced rpm	-	-	-	-	●	●
CVT 50 kph Economy @ reduced rpm	-	-	-	-	○	○
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					
Front axle suspension	○	○	○ Active	○ Active	○ Active	○ Active
Steering angle (°)	55	55	55	55	55	55
Min. turning radius ³⁾ track setting 1829 mm (m)	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	540/540E/1000 / -		540E/1000 / 540/1000		1000/1000E / 540/540E/1000/1000E	
Engine speeds Standard / Option (rpm)	1969/1546/2120 / -		1569/1893 / 1893/1950		1893/1614 / 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	○	○	○	○	○	○
HYDRAULIC SYSTEM						
Max. pump flow and system type main hydraulic (l/min)	113 PFC	113 PFC	120 PFC	120 PFC	120 PFC	120 PFC
System pressure (bar)	210	210	215	215	215	215
Control type	EHC with ride control					
Max. lift capacity (kg) Standard/Optional	6687 / 8257	6687 / 8257	10460 / -	10460 / -	10460 / -	10460 / -
Max. number of remote valves Standard / Optional	2 mechanical or 2 electronical / 3 or 4 mechan. or 3 or 4 electr.		3 mechanical or 3 electronical / 4 mechan. or 4 electr.		3 electronical / 4 or 5 electronical	
Max. number of mid mount valves with electronic joystick	3 electr.	3 electr.	3 electr.	3 electr.	3 electr.	3 electr.
Category type	Cat II / III	Cat II / III	Cat II / III	Cat II / III	Cat II / III	Cat II / III