

# PUMA

TRACTORS FROM  
185 – 220 hp



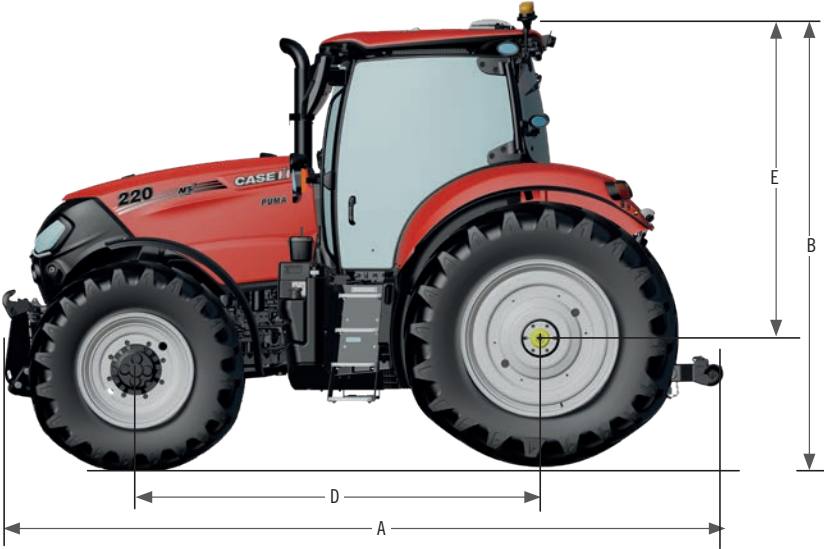
**CASE IH**

MODELS	PUMA 185 MULTICONTROLLER	PUMA 200 MULTICONTROLLER	PUMA 220 MULTICONTROLLER	PUMA 185 CVXDRIVE	PUMA 200 CVXDRIVE	PUMA 220 CVXDRIVE
ENGINE						
Engine Type / Emission Level	Case IH FPT / Stage 3A					
Number of Cylinders / Fuel Type	6 /Common Rail Diesel Engine					
Engine Aspiration	Turbocharged & Intercooled					
Valves / Displacement (litres)	24 / 6.7					
Bore x Stroke (mm)	104 x 132					
Maximum power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> [kW/hp(CV)]	165 / 224	180 / 245	191 / 260	165 / 224	180 / 245	191 / 260
Maximum power ECE R120 <sup>1)</sup> [kW/hp(CV)]	147 / 200	162 / 220	176 / 239	147 / 200	162 / 220	176 / 239
... at engine speed [rpm]	1,800			1,800		
Rated power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> [kW/hp(CV)]	161 / 218	176 / 239	187 / 254	161 / 218	176 / 239	187 / 254
Rated power ECE R120 <sup>1)</sup> [kW/hp(CV)]	132 / 180	147 / 200	162 / 220	132 / 180	147 / 200	162 / 220
... at engine speed [rpm]	2,200			2,200		
Maximum torque Power Management <sup>2)</sup> [Nm @ 1,500 rpm]	940	1,035	1,100	940	1,035	1,100
Maximum torque [Nm @ 1,500 rpm]	840	930	1,000	840	930	1,000
Torque Rise Standard [%]	44%	45%	44%	44%	45%	44%
Fuel Tank (litres)	460			450		
TRANSMISSION						
CVXDrive continuously variable transmission 40 kph ECO	-			●		
PowerDrive 18x6 full powershift 40 kph	●			-		
PowerDrive 19x6 full powershift 40 kph ECODrive @ reduced rpm	○			-		
Powershuttle	●			●		
Creeper	○					
Rear axle diff-lock type	Multi disc wet plate with management system					
Service brake	Hydraulically operated multiple wet disc brake, self adjusting					
POWER TAKE OFF						
Type	Shiftable with progressive electro-hydraulic engagement. Auto-PTO optional					
Speeds Standard (Option)	540 / 540E / 1,000 / 1,000E (540E / 1,000 or 1,000 / 1,000E)					
... at engine speeds Standard (Option) [rpm]	1,931 / 1,598 / 1,912 / 1,583 (1,569 / 1,893 or 1,893 / 1,700)					
Shaft type Standard (Option)	1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)					
FRONT PTO AND FRONT HITCH						
Front PTO 1,000 speed @ engine rpm	1,833					
Front hitch max. lift capacity [kg]	5,129					
FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)						
Type	Electro-hydraulic with management system, differential lock as standard					
Active front axle suspension	○					
Min. turning radius <sup>3)</sup> track setting 1,829 mm [m]	6.1					
HYDRAULIC SYSTEM						
System type	Variable displacement, pressure flow compensated pump					
Max. pump flow rate Standard (Option) / System pressure	120 l/min (150 l/min) / 210 bar					
Control type	Electronic Hitch Control (EHC) with cushion ride control					
Max. lift capacity [kg]	10,463					
OECD lift capacity through range @ 610 mm [kg]	7,280					
Max. number of rear remote valves	4 mechanical or 5 electrical					
Max. number of mid mount valves with electronic joystick	3 electrical					
Remote valve timer control	1 - 60 seconds on all models					
Category type	Cat II-III quick adjust					
Slip control	○					
STANDARD TYRES <sup>4)</sup>						
Front	600/65 R28					
Rear	650/65 R42					

MODELS	PUMA 185 MULTICONTROLLER	PUMA 200 MULTICONTROLLER	PUMA 220 MULTICONTROLLER	PUMA 185 CVXDRIVE	PUMA 200 CVXDRIVE	PUMA 220 CVXDRIVE
WEIGHT / DIMENSIONS <sup>3)</sup>						
Approximate shipping weight standard / suspended front axle [kg]	8,500 / 9,550			8,800 / 9,550		
Permissible total weight [kg]	13,650			14,000		15,000
A: Max. length with front and rear lower links down standard / suspended front axle [mm]	5,398 / 5,517			5,398 / 5,517		
B: Total height [mm]	3,314			3,314		3,367
C: Minimum width across rear fenders (narrow / wide type fender) [mm]	2,550 / 2,750					
D: Wheel base standard / suspended front axle [mm]	2,884 / 2,884					
E: Height at centre of rear axle, highest point cab [mm]	2,339					
F: Track setting front / rear [mm]	1,538-2,260 / 1,530-2,230					



PUMA  
MULTICONTROLLER



PUMA  
CVXDRIVE

● Standard Equipment      ○ Optional Equipment      - Not available

<sup>1)</sup> ECE R120 correspond to ISO 14396 and 97 / 68 / EC

<sup>2)</sup> Power Management is only available during hydraulic, mobile PTO and haulage applications


<sup>3)</sup> With standard tyres

<sup>4)</sup> Other tyres on request





     
caseih.com

 Free phone: 00 800 22 73 44 00

Safety never hurts! Always read the Operator's Manual before working with 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. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants.

Printed in Italy - Cod.No. 24MEAPUMCOM001

**CASE IH**