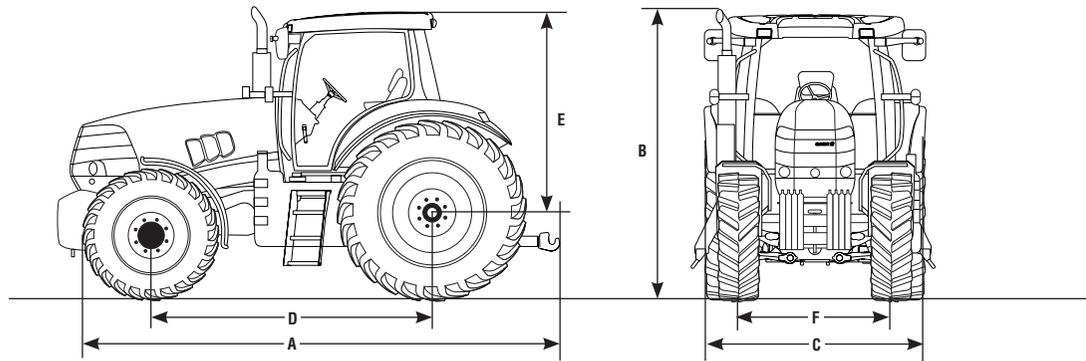


MODELS	PUMA 140	PUMA 155	PUMA 180	PUMA 210	PUMA 225
<b>ENGINE</b>					
Number of cylinders / type	6 turbo, intercooled				6 turbo, wastegate
Capacity (litres)	6.7	6.7	6.7	6.7	6.7
Bore x stroke mm	104 x 132	104 x 132	104 x 132	104 x 132	104 x 132
Rated power ECE R120 <sup>31</sup> (kW/hp(CV))	104 / 142	116 / 158	134 / 182	157 / 213	165 / 224
Rated power ECE R120 <sup>31</sup> Power Management (kW/hp(CV))	123 / 167	135 / 183	160 / 218	175 / 238	181 / 247
Rated engine speed (rpm)	2200	2200	2200	2200	2200
Maximum power ECE R120 <sup>31</sup> (kW/hp(CV))	112 / 152	124 / 169	147 / 200	164 / 223	169 / 230
Maximum power ECE R120 <sup>31</sup> Power Management (kW/hp(CV))	131 / 178	142 / 193	172 / 234	178 / 242	185 / 251
... at engine speed (rpm)	1900 - 2000	1900 - 2000	1900 - 2000	1900 - 2000	1800
Maximum torque (Nm/rpm)	643 / 1400	690 / 1400	844 / 1400	866 / 1400	950 / 1400
Maximum torque - Power Management (Nm/rpm)	678 / 1600	748 / 1600	938 / 1600	984 / 1600	1025 / 1500
Torque rise Standard / Power Management (%)	42 / 27	37 / 28	45 / 35	27 / 30	32 / 30
Fuel tank (litres)	300	300	410	410	410
<b>TRANSMISSION</b>					
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				
<b>FOUR-WHEEL DRIVE AND STEERING</b>					
Type	Electro-hydraulic with management system				
Front axle suspension	○	○	○ Active	○ Active	○ Active
Steering angle (°)	55	55	55	55	55
Min. turning radius <sup>11</sup> track setting 1829 mm (m)	5.45	5.45	6.1	6.1	6.1
<b>POWER TAKE OFF</b>					
Type	Electro-hydraulic with Auto PTO control available				
Speeds Standard / Option	540/540E/1000 or 540/1000		540E/1000 or 540/1000		1000/1000E
Engine speeds Standard / Option (rpm)	1969/1546/2120 or 1969/2120		1569/1893 or 1893/1950		1893/1614
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	○	○	○	○	○
<b>HYDRAULIC SYSTEM</b>					
Max. pump flow Standard/Optional and system type main hydraulic (l/min)	113 PFC /	113 PFC / -	120 / 150 PFC 150/170 PFC on CVT	120 / 150 PFC	150 / 170 PFC
System pressure (bar)	210	210	215	215	215
Control type EHC with ride control					
Max. lift capacity (kg) Standard/Optional	6687 / 8257	6687 / 8257	8647 / 10460	8647 / 10460	10460
Max. number of remote valves Standard / Multicontroller	4 mechanical or 4 electronic with 5 electronic available on 165-210				5 electronic
Max. number of mid mount valves with electronic joystick	3 electr.	3 electr.	4 electr.	4 electr.	4 electr.
Category type	Cat II / III	Cat II / III	Cat. III	Cat. III	Cat. III
Front hitch lift capacity (kg)	3568	3568	3900	3900	3900

MODELS	PUMA 140	PUMA 155	PUMA 180	PUMA 210	PUMA 225
<b>WEIGHT</b>					
Minimum weight (kg)	5400	5600	6850	6850	7200
Permissible total weight (kg)	10500	10500	13000	13000	13000
Max. permissible weight front (kg)	4900	4900	6000	6000	6000
Max. permissible weight rear (kg)	7800	7800	9500	9500	9500
<b>DIMENSIONS <sup>1)</sup></b>					
A: Total length (mm)	4449	4449	4916	4916	5017
B: Total height (mm)	2985	2985	3040	3100	3100
C: Total width (across rear fenders with 150 mm extension) (mm)	2682	2682	2682	2682	2682
D: Wheel base (mm) Standard/with front axle suspension	2734 / 2789	2734 / 2789	2884	2884	2884
E: Height at centre of rear axle / highest point (mm)	2180	2180	2240	2240	2240
F: Track setting front (mm)	1560 - 2256	1560 - 2256	1552 - 2269	1552 - 2269	1538 - 2260
rear (mm)	1470 - 2294	1470 - 2294	1524 - 2438	1524 - 2438	1530 - 2230
<b>STANDARD TYRES <sup>2)</sup></b>					
Front	480/70R28	480/70R28	480/70R28	540/65R28	600/65R28
Rear	580/70R38	580/70R38	580/70R38	650/65R38	650/65R42

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



## DIMENSIONS



INTERNATIONAL



**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.

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

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