

**CASE IH**  
AGRICULTURE  
FOR THOSE WHO DEMAND MORE

# PUMA

157 - 182 HP **TRACTORS**



### PREMIUM COMFORT

The flat deck and well positioned control elements allow ergonomic and comfortable operation of the tractor. Comprehensive instrument panel, located in front of operator, with clear and easy to read central analog screen.

## VERSATILE AND EFFICIENT

Features that bring benefits.

Following the strategy of offering a complete system in agricultural mechnaization, Case IH introduces two new Puma models ranging from 157 to 182 hp and offering a perfect balance between weight and power. The tractors are capable of efficient and versatile work even under severe conditions and in the heaviest planting or tillage applications.

Versatility is the greatest strength of the new Puma line of tractors. The machines can work in tillage, planting, crop treatments and spraying, among many other tasks, with the same efficiency and speed ever present. This characteristic makes the line the best option for farmers seeking a multipurpose tractor that performs light and heavy tasks without compromising productivity.

MODELS	Rated power ECE R120 <sup>1)</sup> @ 2,200 rpm (kW/hp(CV))	Maximum power ECE R120 <sup>1)</sup> (kW/hp(CV))
Puma 155	115 / 157	118 / 161
Puma 185	134 / 182	145 / 197

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



### POWERHOUSE ENGINES THAT SAVE FUEL.

The tractors are equipped with the proven Case IH 6-cylinder engine with 6.75 litres capacity, turbo-charger and intercooler. To ensure only clean fuel is used a filter with water separator is available as standard. Up to 395 litres fuel tank capacity for long working days.





### CHOOSE THE TRANSMISSION THAT WORKS FOR YOU

The 15x12 synchronized mechanical transmission is standard for all models. It provides mechanical shuttle shift (forward/reverse) and 9 speeds in the main working range from 4-12 km/h. An optional available creeper gear offers 30x24 speeds and a minimum working speed of 400m/h.

### HANDLE YOUR OPERATIONS LIKE A PRO

A well-established hydraulic system is available for the Puma line that aims to meet increased demand for hydraulic flow. High oil flow of 110 l/min at rated engine speed with high oil pressure give leading hydraulic power, better response to load variations and high precision operation. The rear 3 point linkage has a lift capacity of 6,475kg through the whole range.




MODELS	PUMA 155	PUMA 185
<b>ENGINE</b>		
Number of cylinders / type / capacity (litres)	6 / turbo and intercooler / 6.7	
Rated power ECE R120 <sup>1)</sup> (kW/hp(CV)) @ 2,200 rpm	115 / 157	134 / 182 @ 2,200
Maximum power ECE R120 <sup>1)</sup> (kW/hp(CV))	118 / 161	145 / 197
Maximum torque (Nm) @ 1,400 rpm	690	760
Fuel tank standard / optional (litres)	290 / 395	290 / 395
<b>TRANSMISSION</b>		
Standard	15F / 12R Synchronized mechanical, 30 km/h	
Optional Creeper	30F / 24R Synchronized mechanical, 30 km/h, minimum speed 400 m/h @ 2,200 rpm	
Rear differential lock	Electro-hydraulic engagement	
Service brake	Multi-disc, oil bath, self-adjusting	
<b>FOUR-WHEEL DRIVE AND STEERING</b>		
Type	Electro-hydraulic engagement	
Steering angle (°)	55°	
Min. turning radius (m)	6.1	
<b>POWER TAKE OFF</b>		
Type	Electro-hydraulic engagement	
Speeds @ engine speed	540 / 1,000 @ 2,200	
Shaft type	1 3/8" 21 splines / 1 3/8" 6 splines	
<b>HYDRAULIC SYSTEM</b>		
Max. pump flow (l/min) / System type main hydraulic	110 / Gear - open center	
System pressure (bar)	215	
Max. lift capacity @ 610mm (kg)	6,475	
Category type	Cat II / III	
Max. number of remote valves	4 mechanical	
<b>WEIGHT / DIMENSIONS<sup>2)</sup></b>		
Minimum weight (kg)	6,725	
Permissible total weight (kg)	10,500	
Max. permissible weight front / rear (kg)	4,200 / 6,300	
Total length (mm)	5,736	
Total height (mm)	3,300	
Total width (mm)	2,334	
Track setting front / rear (mm)	1,560-2,258 or 2,800-3,000 / 1,528-2,698 or 2,800-3,000	
<b>STANDARD TYRES<sup>3)</sup></b>		
Front	16,9 R 28	
Rear	20,8 R 38	

1) ECE R120 correspond to ISO 14396 and 97 / 68 / EC 2) with standard tyres 3) other tyres on request

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 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.

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