

# PUMA

150 | 165 | 175 HP TRACTORS



**CASE IH**



## The modern all-rounder

- Up to 4 mechanical or up to 5 electronic rear remote valves
- Multicontroller armrest
- Full-Powershift transmission
- Headland Management Control II and ISOBUS III
- 540 / 540 E / 1,000 rear PTO speeds
- Up to 150l/min CCLS hydraulic pump

## The seamless solution

- CVT continuously-variable transmission
- APM engine/transmission management
- ECO Drive split throttle
- Active hold function
- 50kph at low rpm
- Up to 160l/min CCLS hydraulic pump



**THE PUMA SWB  
EFFICIENT POWER FOR PROFITABLE FARMING**



## ENGINE

- 6 cylinder FPT engine with 6.7l capacity
- Economical and environmentally friendly: fulfills EU Stage V emission level
- Patented HI-eSCR2 aftertreatment system with diesel oxidation catalyst (DOC) and SCR catalyst (SCRoF)
- Engine power management provides up to 44hp extra boost

## DESIGN

- Attractive, functional bonnet design with large radiator grill for ideal airflow
- Powerful, long-lasting LED headlights integrated into the radiator grill
- Unobstructed view of the front hitch
- High-visibility roof window for a better overhead view

## UP FRONT

- Integrated front linkage with front hitch management and front PTO High-performance hydraulic pumps for fast response
- Optional adaptive steering control with adjustable steering wheel ratio
- Electrical joystick for operating the front loader, linkage or remote valves



## DRIVING COMFORT AND SAFETY

- Suspended and braked front axle available with 50 km/h trans
- Standard with Cab Suspension
- Premium driver's seat with activesuspension
- Patented Advanced Trailer Brake system option for Puma CVT

## TRANSMISSION

- Full Powershift transmission or:
- CVT Continuously-variable transmission from 0 to 50kph with Active Hold feature
- All transmissions available with 40kph or 50kmh
- Automatic Productivity Management (APM) – perfect interaction of engine and transmission

## HYDRAULICS

- Standard CCLS pump with flow rates of up to 160l/min
- Up to 8,257kg lifting capacity
- Up to 5 electro-hydraulic rear remote valves and up to 3 mid-mounted electro-hydraulic remote valves
- ISO Power-beyond connection option

The Case IH Puma series has been modernised with a new design and additional functionality. Working even more efficiently and economically, your operating costs stay as low as possible. All Puma models have one thing in common: they have a global reputation as reliable, powerful, economical tractors.

The Puma is manufactured in St. Valentin, Austria, where first class expertise and our proven production quality are combined for the best possible product. With a choice of customer-oriented operating and trim options, there is a Puma for any requirement.

PUMA SERIES TRACTOR SPECIFICATIONS	PUMA 150 CVT	PUMA 165 CVT	PUMA 175 CVT	PUMA 150	PUMA 165
<b>ENGINE</b>					
Number of cylinders / Capacity (cm <sup>3</sup> )	6 / 6,728				
Type / Emission level	Common Rail Diesel engine, turbocharger and Hi-eSCR2 only exhaust after treatment / Stage V				
Maximum power ECE R120 <sup>1)</sup> Power Management <sup>2)</sup> (hp/kW) @1,800 rpm	190 / 140	200 / 154	224 / 165	190 / 140	209 / 154
Maximum power ECE R120 <sup>1)</sup> (hp/kW) @1,800 rpm	165 / 121	180 / 132	200 / 147	165 / 121	180 / 132
Rated power ECE R120 <sup>1)</sup> (hp/kW) @ 2.300 rpm	150 / 110	165 / 121	180 / 132	150 / 110	165 / 121
Maximum torque Power Management <sup>2)</sup> (Nm @ 1,500rpm)	805	875	940	805	875
Maximum torque (Nm @ 1,500rpm)	700	770	840	700	770
Torque rise standard / Power Management <sup>2)</sup> (%)	46 / 44	46 / 44	46 / 44	46 / 44	46 / 44
Fuel tank, diesel / urea (litres)	330 / 48				
<b>TRANSMISSION</b>					
Continuously variable transmission 50kph	□			-	
Full-Powershift 40kph ECO / 50 kph	-			□	
Creeper	□			□	
Rear axle diff-lock type	Multi disc wet plate with management system				
Service brake	Hydraulically operated multiple wet disc brake, self adjusting				
<b>POWER TAKE OFF</b>					
Type	Shiftable with progressive electro-hydraulic engagement. Auto-PTO optional				
Speeds Standard	540 / 540E / 1,000				
... at engine speeds Standard (Option) (rpm)	1,969 / 1,546 / 1,893				
Shaft type Standard (Option)	1 3/8" 21 splines (1 3/8" 6 splines or 1 3/4" 20 splines)				
<b>FRONT PTO AND FRONT HITCH</b>					
Front PTO 1,000 speed @ engine rpm	1,895				
Front hitch OECD lift capacity through range @ 610mm (kg)	3,571				
<b>FOUR-WHEEL DRIVE AND STEERING (DRIVELINE)</b>					
Type	Electro-hydraulic with management system, differential lock as standard				
Front axle suspension	□			□	
Min. turning radius 3) track setting 1,829mm (m)					
<b>HYDRAULIC SYSTEM</b>					
System type	Variable displacement, pressure flow compensated pump				
Max. pump flow rate (l/min) / System pressure (bar)	(160) / 210			(150) / 210	
Control type	Electronic Hitch Control (EHC) with cushion ride control				
Max. lift capacity (kg)	8,257				
OECD lift capacity through range @ 610mm (kg)	6,616				
Max. number of rear remote valves	5 electronic			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				
Slip control	□				
<b>STANDARD TYRES <sup>4)</sup></b>					
Front	540/65R28				
Rear	650/65R38				
<b>WEIGHTS / DIMENSIONS <sup>3)</sup></b>					
Approximate shipping weight standard / suspended front axle (kg)	6,480 / 6,782				
Permissible total weight (kg)	11,500			10,500	
A: Max. length with front and rear lower links down standard / suspended front axle (mm)	5,240 / 5,316				
B: Total height standard cab (mm)	- / 3,026			- / 3,026	
C: Minimum width across rear fenders (mm)	2,476				
D: Wheel base standard / suspended front axle (mm)	2,734 / 2,789				
E: Height at centre of rear axle, highest point standard cab (mm)	- / 2,210			- / 2,210	
F: Track setting front / rear (mm)	1,325-2,285 / 1,430-2,230				



□ = Standard □ = Optional <sup>1)</sup> ECE R120 correspond to ISO 14396 <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

The data indicated in this folder are approximate. The models described here can be modified without the manufacturer's notice. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please get in touch with our Dealer Network for any further information. Published by CNH Industrial. Printed for New Zealand - 11/22 - 10015/NZ

