

AXION

	950	940	930	920
Engine				
Manufacturer	FPT	FPT	FPT	FPT
Number of cylinders/intake	6/TI	6/TI	6/TI	6/TI
Cubic capacity	cm ³ 8710	8710	8710	8710
Nominal engine speed	rpm 2150	2150	2150	2150
Output at nominal engine speed (97/68/EC) ¹	kW/hp 306/416	282/383	259/353	236/321
Output at nominal engine speed (ECE R 120) ²	kW/hp 298/405	276/375	254/345	232/315
Max. output (ECE R 120) ²	kW/hp 302/410	279/380	257/350	235/320
Constant output range	rpm 1800 - 2150	1800 - 2150	1800 - 2150	1800 - 2150
Engine speed at max. torque	rpm 1200 - 1600	1200 - 1600	1100 - 1600	1100 - 1600
Max. torque (ECE R 120) ²	Nm 1650	1550	1450	1350
Air filter dust aspiration	●	●	●	●
Fuel tank capacity	l 700	700	700	700
Oil-change interval	h 600	600	600	600
CMATIC transmission				
Transmission type	CMATIC	CMATIC	CMATIC	CMATIC
Ground speed (min./max.) 40 km/h version	km/h 0.05/40	0.05/40	0.05/40	0.05/40
Ground speed (min./max.) 50 km/h version	km/h 0.05/50	0.05/50	0.05/50	0.05/50
REVERSHIFT clutchless reverser	●	●	●	●
Rear axle				
Flanged axle	–	–	●	●
Quick-release axle	●	●	○	○
Electrohydraulically activated differential locks	●	●	●	●
Automatic differential lock	●	●	●	●
Max. rear tyres	900/60 R 42	900/60 R 42	900/60 R 42	900/60 R 42
Oil-change interval	h 1200	1200	1200	1200
PTO				
External controls and stop button	●	●	●	●
1000	●	●	●	●
540 ECO / 1000	○	○	○	○
1000 / 1000 ECO	○	○	○	○
Changeable PTO stub	●	●	●	●
PTO shaft stub: 1 3/8" with 6, 8 or 21 splines and 1 3/4" with 20 splines	□	□	□	□

● Standard ○ Optional □ Available – Not available

¹ Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC. ² Meets ISO TR 14396

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4-wheel drive front axle				
Max. steering angle	degrees 50	50	50	50
Castor angle	degrees 5	5	5	5
Angle of oscillation	degrees 8	8	8	8
Turning radius	m 6.8	6.8	6.8	6.8
Track	mm 2190	2190	2190	2190
with tyres	600/70 R 30	600/70 R 30	600/70 R 30	600/70 R 30
PROACTIV suspended front axle	○	○	○	○
PROACTIV suspended and braked front axle	○	○	○	○
Differential lock with multi-disc clutch	●	●	●	●
Designed for dual tyres	●	●	●	●
Pivoting mudguards	●	●	●	●
Hydraulics				
Output at nominal speed, standard (option)	l/min 150 (220)	150 (220)	150 (220)	150 (220)
Max. operating pressure	bar 200	200	200	200
Number of electrohydraulic spool valves (min./max.)	3–8	3–8	3–8	3–8
ELECTROPILLOT 4-way control	○	○	○	○
Rear linkage				
Max. lifting capacity at ball ends	kg 11250	11250	10950	10950
Continuous lifting power at ball ends	kg 7690	7690	7520	7520
Lifting range	mm 1060	1060	1060	1060
Category	Cat. III/IV	Cat. III/IV	Cat. III/IV	Cat. III/IV
Vibration damping	●	●	●	●
Active wheel slip control	●	●	●	●
Front linkage				
Max. lifting power	t 6.5 or 5.0	6.5 or 5.0	6.5 or 5.0	6.5 or 5.0
Front PTO 1000 rpm	○	○	○	○
Vibration damping	●	●	●	●
External operation	●	●	●	●
Hydraulic connections	○	○	○	○
Trailer socket and ISOBUS	○	○	○	○
Cab				
4-point suspension	●	●	●	●
Multifunction armrest	●	●	●	●
Automatic climate control	○	○	○	○
Passenger seat	●	●	●	●
Cooler compartment	●	●	●	●

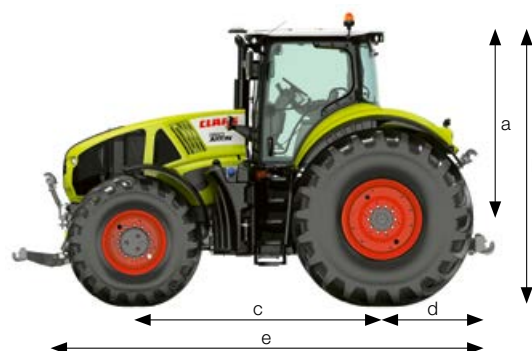
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Dimensions and weights					
(standard tyres, with oil and fuel, without driver)					
Rear wheels		710/85 R 38	710/85 R 38	710/85 R 38	710/85 R 38
Front wheels		620/75 R 30	620/75 R 30	620/75 R 30	620/75 R 30
Length (with front linkage folded and attachment device) (e)	mm	5744	5744	5744	5744
Centre of rear axle to top of cab (a)	mm	2427	2427	2427	2427
Overall height (b)	mm	3452	3452	3452	3452
Wheelbase (c)	mm	3150	3150	3150	3150
Rear axle to cat. IV lower link (d)	mm	1438	1438	1438	1438
Ground clearance, front axle (f)	mm	647	647	647	647
Ground clearance, rear axle (excl. drawbar) (g)	mm	611	611	611	611
Weight without ballast	kg	13060	13060	12840	12840
Max. front ballast with front linkage	kg	1500	1500	1500	1500
Weight distribution with front linkage, without ballast (rear/front)	%	56/44	56/44	55/45	55/45
Max. permissible total weight (40/50 km/h versions)	kg	18000	18000	18000	18000

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Tyres					
(standard axle or suspended front axle)					
	Rear tyres	Front tyres			
	650/65 R 42 ¹	540/65 R 30 ¹	□	□	□
	650/85 R 38	520/70 R 34	□	□	□
	650/85 R 38	600/70 R 30	□	□	□
	710/70 R 42	520/70 R 34	□	□	□
	710/70 R 42	600/70 R 30	□	□	□
	800/70 R 38	600/70 R 30	□	□	□
	800/70 R 38	710/60 R 30	□	□	□
	710/75 R 42	620/75 R 30	□	□	□
	710/75 R 42	650/75 R 30	□	□	□
	710/75 R 42	600/70 R 34	□	□	□
	710/75 R 42	650/65 R 34	□	□	□
	710/85 R 38	620/75 R 30	□	□	□
	710/85 R 38	650/75 R 30	□	□	□
	900/60 R 42	710/60 R 34	□	□	□



● Standard ○ Optional □ Available – Not available

¹ Tyres with industrial tread